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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: February 24, 2013

AMCi (AMC Institute)

Revision

BSR/AMCI A100.1-201x, AMC Standard of Good Practices for Association Management Companies (revision and redesignation of ANSI/AMCI A100.1-201x)

The AMC Institute Standard establishes requirements that provide a measurement for practices that can be utilized by all sizes and types of Association Management Companies (AMCs) in order to enhance the performance of the AMC and their staff.

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

Send comments (with copy to psa@ansi.org) to: Charles Sapp, (856) 423-6227, csapp@talley.com

ASA (ASC S12) (Acoustical Society of America)

Revision

BSR/ASA S12.9-201x/Part 1-201x, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 1: Basic Quantities and Definitions (revision of ANSI S12.9-Part 1-1988 (R2003))

This standard provides basic quantities for description of sound in community environments and general procedures for measurement of these quantities. Based on these quantities and procedures, compliance limits of sound may be specified by cognizant authorities and conformance with the limits controlled for purposes of environmental assessment, regulation, and land use planning.

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

Send comments (with copy to psa@ansi.org) to: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org

NSF (NSF International)

Revision

BSR/NSF 140-201x (i23), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012)

Issue 23: The purpose of this ballot is to address various motions from the 2012 JC meeting and other outstanding ballots.

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

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

NSF (NSF International)

Revision

BSR/NSF 140-201x (i6r4), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012)

Issue 6 revision 4: The purpose of this ballot is to revise the social indicator criteria in the Standard.

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

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

NSF (NSF International)

Revision

BSR/NSF 173-201x (i48), Dietary Supplements (revision of ANSI/NSF 173-2012)

Issue 48: The purpose of this ballot is to update and clarify the language in ANSI/NSF 173, Section 5.4.1, to ensure that the requirement is clearly defined.

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

Send comments (with copy to psa@ansi.org) to: Andrea Burr, aburr@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 719-201x, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2010a)

Deletion of the Conductor Pullout Test.

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

Send comments (with copy to psa@ansi.org) to: Camille Alma, (631) 546-2688, Camille.A.Alma@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 987-201X, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2011a)

(1) Proposed addition of Paragraph 13.1.14 to prohibit a tool with a motor supply cord that directly turns on the motor of a tool when connected to the supply source.

[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 1081-201x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2011a)

Update to important safety instructions.

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

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2267-201x, Standard for Safety for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (revision of ANSI/UL 2267-2011b)

Revisions to harmonize with the criteria in the Standard for Electric-Battery-Powered Industrial Trucks, UL 583.

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

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

Comment Deadline: March 11, 2013

ANS (American Nuclear Society)

Revision

BSR/ANS 15.21-201x, Format and Content for Safety Analysis Reports for Research Reactors (revision of ANSI/ANS 15.21-1996 (R2006))

Approval of substantive change. This standard identifies specific information and analyses for inclusion in the safety analysis report for research reactors and establishes a uniform format for the report. This standard provides the criteria for the format and content for safety analysis reports for research reactors.

Single copy price: \$20.00

Obtain an electronic copy from: scook@ans.org

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

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

ASA (ASC S3) (Acoustical Society of America)

New Standard

BSR ASA S3.50-201X, Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (new standard)

It specifies an experimental method for evaluation of the speech intelligibility of text-to-speech synthesis systems. The test yields an objective measure of the listener's accuracy in recovering the intended phonetic content of the speech under real-world conditions. It can be used to assess a single system against an ideal or to compare systems against one another. A word list is not provided since these systems could be tuned in advance to optimize performance for a set of test items.

Single copy price: \$120.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org

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

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

New Standard

BSR/ASHRAE Standard 188P-201x, Prevention of Legionellosis Associated with Building Water Systems (new standard)

The purpose of this proposed standard is to present practices for the prevention of legionellosis associated with centralized industrial and commercial building water systems. It applies to human-occupied buildings, excluding single-family residential buildings. It is intended for use by those involved in the ownership, design, construction, installation (including commissioning), management, operation, maintenance and servicing of building water systems. As a result of comments received on the second public review as well as new information, the committee has made substantive changes to the draft resulting in this third public review.

Single copy price: \$35.00

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

Order from: Send request to standards.section@ashrae.org

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

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

New Standard

BSR/ASHRAE/IES Standard 202P-201x, Commissioning Process for Buildings and Systems (new standard)

The purpose of this proposed standard is to identify the minimum acceptable Commissioning Process for buildings and systems. The standard provides procedures, methods, and documentation requirements for each activity for project delivery from pre-design through occupancy and operation. It presents the minimum requirements for the Commissioning Process without focusing on specific building types, systems or assemblies, or on specific project sizes.

Single copy price: \$35.00

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

Order from: Send request to standards.section@ashrae.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C226-201x, Stainless-Steel Fittings for Waterworks Service, Sizes 1/2 In. Through 72 In. (13 mm Through 1,800 mm) (revision of ANSI/AWWA C226-2006)

This standard pertains to the various classes and types of stainless-steel fittings that are intended for the transmission and distribution of potable water, reclaimed water, wastewater, and for use in other water-supply system facilities.

Single copy price: \$20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)

New Standard

BSR/CSA HGV 4.1-201x, Hydrogen Dispensing Systems (new standard)

This standard details mechanical and electrical requirements for newly manufactured systems that dispense hydrogen gas for vehicles, intended primarily to dispense fuel directly into the vehicle fuel storage container. Each dispenser may have the capability of independently fueling more than one vehicle simultaneously. This standard does not apply to the nozzle; vehicle-to-station communication; compression and ancillary equipment; hydrogen gas storage containers; vehicle fueling appliances for HGV remote station or Kiosk consoles and remote sequencing equipment; and other remote equipment not supplied as part of the dispenser.

Single copy price: \$175.00

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

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

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

CSA (CSA Group)***New Standard***

BSR/CSA HGV 4.2-201x, Hoses for Compressed Hydrogen Fuel Stations, Dispensers, and Vehicle Fuel Systems (new standard)

This standard contains safety requirements for the material, design, manufacture, and testing of gaseous hydrogen hose and hose assemblies that are used as a part of the dispensing station to connect the dispenser to the refueling nozzle; used as part of a vehicle on-board fuel system; or used as vent lines that carry gas to a safe location for either vehicles or dispensing systems.

Single copy price: \$175.00

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

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

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

CSA (CSA Group)***New Standard***

BSR/CSA HGV 4.4-201x, Breakaway Devices for Compressed Hydrogen Dispensing Hoses and Systems (new standard)

This standard contains safety requirements for the design, manufacture and testing of fueling hose breakaway devices for use in hydrogen gas fueling applications. This standard does not apply to: residential fueling facilities; vehicle fueling appliances for hydrogen gas vehicles; dispenser breakaway devices (shear valves); and vehicular breakaway components.

Single copy price: \$175.00

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

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

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

CSA (CSA Group)***New Standard***

BSR/CSA HGV 4.5-201x, Priority and Sequencing Equipment for Hydrogen Vehicle Fueling (new standard)

This standard contains requirements for priority and sequencing equipment, which is part of a hydrogen gas vehicle fueling system.

Single copy price: \$175.00

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

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

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

CSA (CSA Group)***Reaffirmation***

BSR Z21.86-2003 (R201x), Standard for Vented gas-fired space heating appliances (same as CGA 2.32) (reaffirmation of ANSI Z21.86-2003)

Details test and examination criteria for vented room heaters, direct vent wall furnaces, vented wall furnaces, and gravity and fan-type floor furnaces for use with natural, manufactured, and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: \$175.00

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

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

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

CSA (CSA Group)***Revision***

BSR Z21.15-201x, Standard for Manually Operated Gas Valves for Appliances, Appliance Connector Valves, and Hose End Valves (same as CSA 9.1b) (revision of ANSI Z21.15-2009, ANSI Z21.15a-2012)

Details test and examination criteria for manually operated gas valves, not exceeding 4 inches (102 mm) pipe size, and pilot shut-off devices, except for hose end valves and appliance connector valves, intended to be used as part of a gas-fired appliance.

Single copy price: \$50.00

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

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

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

IICRC (the Institute of Inspection, Cleaning and Restoration Certification)***New Standard***

BSR/IICRC S600-200x, Standard and Reference Guide for Professional Carpet Installation (new standard)

The S600 Standard and Reference Guide will cover both residential and commercial carpet installations. This industry consensus document will give specific guidance for the proper, recommended procedures for installing various carpet products in different types of installations.

Single copy price: Free

Obtain an electronic copy from: mili@iicrc.org

Order from: Mili Washington, (360) 693-5675, extn: 3223, mili@iicrc.org

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

IICRC (the Institute of Inspection, Cleaning and Restoration Certification)***New Standard***

BSR/IICRC S800-201x, Standard and Reference Guide for Professional Inspection of Textile Floor Coverings (new standard)

The scope of the S800 includes inspection of textile floor covering including carpet and rugs. The S800 establishes a procedural standard and reference guide for professionally inspecting textile floor coverings.

Single copy price: Free

Obtain an electronic copy from: Mili Washington at mili@iicrc.org

Order from: Mili Washington, (360) 693-5675, extn: 3223, mili@iicrc.org

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

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

New National Adoption

INCITS/ISO/IEC 14651:2011/Amd 1:2012, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 (identical national adoption of ISO/IEC 14651:2011/Amd 1:2012)

This is the first amendment to ISO/IEC 14651:2012 that defines the following: A reference comparison method. This method is applicable to two-character strings to determine their collating order in a sorted list.

Single copy price: \$20.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

BSR INCITS 383-2008 (R201x), Information Technology - Biometric Profile - Interoperability and Data Interchange - Biometrics Based Verification and Identification of Transportation Workers (reaffirmation of ANSI INCITS 383-2008)

Specifies the application profile in support of identification and verification of transportation workers, through the use of Biometric data collected during enrollment, at local access points (i.e., doors or other controlled entrances) and across local boundaries within the defined area of control.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

BSR INCITS 398-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework (CBEFF) (reaffirmation of ANSI INCITS 398-2008)

This standard (revision of ANSI INCITS 398-2005) specifies a common set of data elements necessary to support multiple biometric technologies and to promote interoperability of biometric-based application programs and systems by allowing for biometric data exchange. These common data elements can be placed in a single file, record, or data object used to exchange biometric information between different system components and applications. This standard specifies the biometric data elements.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

BSR INCITS 423.1-2008 (R201x), Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 1: Generalized Conformance Testing Methodology (reaffirmation of ANSI INCITS 423.1-2008)

This part of the multi-part standard specifies the concepts, test types and conformance testing methodologies to test biometric data interchange records or computer algorithms that create biometric data interchange records. The biometric data interchange records are specified in the INCITS biometric data interchange format standards. It defines two types (A and B) and three levels (1, 2, and 3) of conformance testing, with a general description and methodology for each one.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

BSR INCITS 423.2-2008 (R201x), Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 2: Conformance Testing Methodology for INCITS 378-2004, Finger Minutiae Format for Data Interchange (reaffirmation of ANSI INCITS 423.2-2008)

This part of INCITS 423 specifies the tests required to assure a vendor's application(s) or service(s) conform to the ANSI INCITS 378-2004 standard. For the purposes of this part of INCITS 423, of the two types (A and B) and three levels (1, 2, and 3) of conformance testing as defined in INCITS 423.1, only Type A and Levels 1 and 2 are within the scope of this part of INCITS 423.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

ANSI INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

Reaffirmation

INCITS/ISO/IEC 19784-1:2006/AM1-2007 (R201x), Information technology - BioAPI - Biometric Application Programming Interface - Part 1: BioAPI Specification - - Amendment 1: BioGUI specification (reaffirmation of ANSI/INCITS/ISO/IEC 19784-1/AM1-2007)

This is the first amendment to ISO/IEC 19784-1:2006 that provides a defined interface that allows a software application to communicate with (utilize the services of) one or more biometric technologies. It includes a high-level generic biometric authentication model suited to a broad range of biometrically enabled applications and to most forms of biometric technology. An architectural model is described which enables components of a biometric system to be provided by different vendors, and to interwork through fully-defined Application Programming Interfaces (APIs), corresponding Service Provider Interfaces (SPIs), and associated data structures.

Single copy price: \$30

Obtain an electronic copy from:

<http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

ANSI INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

Reaffirmation

BSR INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

This Standard specifies the concepts, framework, test methods, and criteria to be achieved to claim conformity of Biometric Service Providers to the BioAPI specification ANSI INCITS 35-2002. This Standard defines requirements and guidelines for specifying conformance test suites and related test methods for measuring conformity of Biometric Service Provider components to the BioAPI specification, and defines procedures to be followed before, during, and after conformance testing.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

ANSI INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

Reaffirmation

INCITS/ISO/IEC 19784-2-2008 (R201x), Information technology - Biometric application programming interface - Part 2: Biometric archive function provider interface (reaffirmation of INCITS/ISO/IEC 19784-2-2008)

ISO/IEC 19784-2:2007 defines the interface between a Biometric Service Provider (BSP) and a Biometric Archive Function Provider (BAFP) for BioAPI. A BAFP encapsulates all functionality for the storage, search and management of biometric reference data regardless of the kind of physical storage media. Using a BAFP, a BSP does not have to provide special handling of different storage media like database servers, smartcards, database web services, etc. Whatever media is used, the BSP in all cases handles the same interface for a BAFP.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

ANSI INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

Reaffirmation

INCITS/ISO/IEC 19785-1-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification (reaffirmation of INCITS/ISO/IEC 19785-1-2008)

ISO/IEC 19785-1:2006 defines a basic structure for standardized Biometric Information Records (BIRs) within the Common Biometric Exchange Formats Framework (CBEFF). This structure consists of three parts: the Standard Biometric Header (SBH), the Biometric Data Block (BDB), and the Security Block (SB). CBEFF also defines several data elements and their standardized abstract values that can be used in SBHs and SBs (CBEFF treats the BDB as opaque data).

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

INCITS/ISO/IEC 19785-2-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework - Part 2: Procedures for the operation of the Biometric Registration Authority (reaffirmation of INCITS/ISO/IEC 19785-2-2008)

ISO/IEC 19785-2:2006 specifies the requirements for the operation of the Biometric Registration Authority within the Common Biometric Exchange Formats Framework (CBEFF). The Registration Authority is responsible for assigning and publishing, via its website, unique biometric organization identifier values to organizations that own or are otherwise responsible for standardized or proprietary format specifications for biometric data blocks, biometric information record security blocks, and/or CBEFF patron formats, and to organizations that intend to assign biometric product identifier values to their products.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Reaffirmation

INCITS/ISO/IEC 19785-3-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications (reaffirmation of INCITS/ISO/IEC 19785-3-2008)

ISO/IEC 19785-3:2007 specifies several patron formats that conform to the requirements of ISO/IEC 19785-1. ISO/IEC 19785-1 defines a basic structure for standardized Biometric Information Records (BIRs) that consists of three parts: the Standard Biometric Header (SBH), the Biometric Data Block (BDB), and the Security Block (SB). CBEFF also defines several data elements and their standardized abstract values that can be used in SBHs and SBs (CBEFF treats the BDB as opaque data). CBEFF also establishes mechanisms by which organizations, called "patrons" by CBEFF, can specify and publish BIR format specifications, which are in turn called "patron formats".

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Withdrawal

ANSI INCITS 397-2005 (R2010), ANSI INCITS 397-2005/AM1-2007 (R2012), Information technology - AT Attachment with Packet Interface-7 (ATA/ATAPI-7) (withdrawal of ANSI INCITS 397-2005 (R2010), ANSI INCITS 397-2005/AM1-2007 (R2012))

This standard specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Rachel Porter, 202-626-5741, rporter@itic.org

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

Withdrawal

BSR INCITS 439-2008, Information technology - Fusion Information Format for Data Interchange (withdrawal of ANSI INCITS 439-2008)

This biometric Fusion Information Format establishes machine-readable data formats to describe the statistics of similarity score inputs to a fusion process. The standard does not define, describe, nor otherwise standardize fusion processes.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 88-201x, Test Method for Polyethylene Jacket Longitudinal Shrinkage (revision of ANSI/SCTE 88-2007)

The purpose of this test is to determine the amount of shrinkage of the jacketing material used on coaxial drop and distribution cables. This test procedure is applicable for use on either drop or distribution coaxial cables employing polyethylene (PE) jacketing material.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 92-201x, Specification for 5/8-24 Plug (Male), Trunk & Distribution Connectors (revision of ANSI/SCTE 92-2007)

The purpose of this specification is to serve as a recommended guideline for the physical dimensions of all male 5/8 - 24 plug (male) trunk and distribution connectors that are typically used in the 75-ohm RF broadband communications industry. It is not the purpose of this standard to specify the details of manufacturing.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 135-1-201x, DOCSIS 3.0 Part 1: Physical Layer Specification (revision of ANSI/SCTE 135-1-2008)

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

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 135-2-201x, DOCSIS 3.0 Part 2: MAC and Upper Layer Protocols (revision of ANSI/SCTE 135-2-2008)

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

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SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 135-3-201x, DOCSIS 3.0 Part 3: Security Services (revision of ANSI/SCTE 135-3-2008)

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

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SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 135-4-201x, DOCSIS 3.0 Part 4: Operations Support Systems Interface (revision of ANSI/SCTE 135-4-2008)

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

Single copy price: \$50.00

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

TAPPI (Technical Association of the Pulp and Paper Industry)**New Standard**

BSR/TAPPI T 491 om-201x, Water immersion number of paperboard (new standard)

This test is applicable to paperboards that are medium-sized, with an immersion number between 4.5 and 6.0, to hard-sized, with an immersion number of 3.5 or less, throughout.

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 575 om-201x, Roughness of paper and paperboard, stylus (Emveco-type) method (new standard)

This method measures the surface roughness of paper and paperboard used in contact printing processes. It may not be used for tissue or crepe paper and may not be suitable for newsprint that is inspected for visual anomalies that cannot be detected with this equipment. The method is not useful for measuring surface waviness. This method uses a stylus to mechanically trace the paper surface that differs from methods that relate the rate of air flow leakage to paper roughness.

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60947-4-2-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption with modifications of IEC 60947-4-2)

Covers revisions to the previously proposed first edition based on comments received.

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.)

New Standard

BSR/UL 1676-201x, Standard for Safety for Conductive-Path and Discharge-Path Resistors for Use in Radio-, Video-, or Television-Type Appliances (new standard)

ANSI approval of UL 1676, which covers discharge-path resistors intended to be connected between the antenna and the supply circuit of a radio-, video-, or television-type appliance. These are rated 1/2 W or greater, 480 k-ohm to 12 M-ohm for use in a 50/60 Hz, 125 V or less circuit, and 960 k-ohm to 12 M-ohm for use in a 50/60 Hz, 126 - 250 V circuit. The requirements cover conductive-path resistors, of any rating, intended to be connected between live parts and accessible conductive parts of a radio-, video-, or television-type appliance.

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: Barbara Davis, (408) 754-6722, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1054-2008 (R201x), Special-Use Switches (reaffirmation of ANSI/UL 1054-2008)

(1) Reaffirmation and continuance of the sixth edition of the Standard for Special-Use Switches, UL 1054, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 508C-201x, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2010c)

Revisions to the proposed requirements for Modular Drive Systems as the result of comments received.

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 583-201X, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2012)

UL proposes the following changes to UL 583: Addition of new power sources and additional acceptable wire types.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: March 26, 2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B17.2-1967 (R201x), Woodruff Keys and Keyseats (reaffirmation of ANSI/ASME B17.2-1967 (R2008))

This standard covers nomenclature, definitions, identification number, dimensions, and tolerances of Woodruff Keys and Keyseats.

Single copy price: \$35.00

Order from: For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>.

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezcc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B18.13-1996 (R201x), Screw and Washer Assemblies - Sems (Inch) (reaffirmation of ANSI/ASME B18.13-1996 (R2008))

This Standard covers general and dimensional data pertinent to the various types of screw and captive washer assemblies, otherwise known as sems. The word sems is recognized in the United States as a generic term applicable to screw and washer assemblies.

Single copy price: \$34.00

Order from: For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>.

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezcc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B17.1-1967 (R201x), Keys and Keyseats (reaffirmation of ANSI/ASME B17.1-1967 (R2008))

This Standard establishes a uniform relationship between shaft size and key size for parallel and taper keys retaining similar basic sizing.

Single copy price: \$35.00

Order from: For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>.

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezcc@asme.org

CGA (Compressed Gas Association)

Revision

BSR/CGA P-18-201x, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-201x)

The purpose of this standard is to provide information on installation of bulk inert gas systems for argon, nitrogen, and helium service. This standard does not apply to carbon dioxide systems or bulk inert gas systems at health care facilities.

Single copy price: CGA members: epub -Free, hard copy - \$39.00; Nonmembers: epub - \$60.00; hard copy - \$70.00

Obtain an electronic copy from: www.cganet.com

Order from: www.cganet.com

Send comments (with copy to psa@ansi.org) to: Kristy Morrison-Mastromichalis, (703) 788-2728, kmastromichalis@cganet.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:

ABYC (American Boat and Yacht Council)

BSR/ABYC A-3-200x, Galley Stoves (new standard)

ABYC (American Boat and Yacht Council)

BSR/ABYC A-4-200x, Fire Fighting Equipment (new standard)

ABYC (American Boat and Yacht Council)

BSR/ABYC T-24-200x, Owner/Operator's Manuals (new standard)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA G-031A-200x, Life Cycle Development of Knowledge Based Systems using DoD-Std 2167A (revision)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA R-004a-200x, Recommended Practice for Atmospheric and Space Flight Vehicle Coordinate Systems (new standard)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA R-013-200x, Recommended Practice for Software Reliability (revision)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA S-001B-2000, Standard Terminology for Space Structures (revision)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA S-080A-200x, Space Systems - Metallic Pressure Vessels, Pressurized Structures, Pressure Components and Special Pressurized Equipment (revision and redesignation of ANSI/AIAA S-080-1998)

AIAA (American Institute of Aeronautics and Astronautics)

BSR/AIAA S-089-200x, Space Systems - Composite Pressurized Structures (new standard)

APSP (Association of Pool and Spa Professionals)

BSR/APSP 7a-200x, Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins (supplement to ANSI/APSP 7-2006)

APSP (Association of Pool and Spa Professionals)

BSR/APSP 8-200x, Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs (revision of ANSI/NSPI 8-2004)

APSP (Association of Pool and Spa Professionals)

BSR/NSPI 2-200x, Standard for Public Spas (new standard)

APSP (Association of Pool and Spa Professionals)

BSR/NSPI 3-200x, Standard for Permanently Installed Residential Spas (new standard)

APSP (Association of Pool and Spa Professionals)

BSR/NSPI 6-200x, Standard for Portable Spas (new standard)

ASA (ASC S2) (Acoustical Society of America)

BSR S2.2-200x, Methods for the Calibration of Shock and Vibration Transducers (revision of ANSI S2.2-1959 (R2001))

ASA (ASC S2) (Acoustical Society of America)

BSR/ASA S2.63-200x / ISO 16063-22:2005, Methods for the calibration of vibration and shock transducers - Part 22: Shock calibration by comparison to a reference transducer (identical national adoption of ISO 16063-22:2005)

ASA (ASC S3) (Acoustical Society of America)

BSR S3.9-199x, Method for Measuring Speech Levels (new standard)

Inquiries may be directed to Susan Blaeser, (631) 390-0215, sblaeser@aip.org.
org; asastds@aip.org

ASABE (American Society of Agricultural and Biological Engineers)

BSR X572-199x, Spray Nozzle Classification by Droplet Spectra (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR X574-199x, Passenger Seat for Agricultural Equipment (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE 431.1-199x, 2000-RPM Front and Mid PTO for Lawn and Garden Ride-On Tractors (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE AD3767-1:1998 W/AMD. 1-201x, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols (national adoption with modifications of ISO 3767-1:1998 With AMD. 1)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE EP400.4-200x, Designing and Constructing Irrigation Wells (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE EP411.3-1997, Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S278.7-2003, Attachment of Implements to Agricultural Wheel Tractors Equipped with Quick-Attaching Coupler (national adoption with modifications of ISO 11001-1)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S318.16-200x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.15-DEC02)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S323.3-200x, Definitions of Powered Lawn and Garden Equipment (revision and redesignation of ANSI/ASAE S323.2-MAY89 (RJUNE00))

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S327-199x, Terminology and Definitions of Agricultural Chemical Application (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S331.5-199x, Implement Power Take-Off Drive Line Specifications (revision of ANSI/ASAE S331.5-DEC82 (1996))

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S441.4-200x, Safety Signs (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S473-199x, Equipotential Plane in Animal Containment Areas (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S485-200x, Implement Mounted Screw-Type Jacks (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S513.1-200x, Agricultural Wheeled Tractors - Front-Mounted Linkage (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S525.1-199x, Agricultural Cabs - Environmental Air Quality - Definitions, Test Methods, and Safety Practices (revision of ANSI/ASAE S525-JUN93)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S547.1-DEC 200x, Tip-Over Protective Structure (TOPS) for Front Wheel Drive Turf and Landscape Equipment (revision of ANSI/ASAE S547-DEC 2002)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S577-200x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Irrigation Pipe (PIP) Fittings (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S589-200x, Odor Measurement by Dynamic Olfactometry (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S601-1-200x, Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment, Part 1: General and definitions (national adoption with modifications of ISO 14269-1:1997)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S601-2-200x, Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment, Part 2: Heating, ventilation and air-conditioning test method and performance (national adoption with modifications of ISO 14269-2:1997)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S601-3-200x, Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment, Part 3: Determination of effect of solar heating (national adoption with modifications of ISO 14269-3:1997)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S601-4-200x, Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment, Part 4: Air filter element test method (national adoption with modifications of ISO 14269-4:1997)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S601-5-200x, Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment, Part 5: Pressurization system test method (national adoption with modifications of ISO 14269-5:1997)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S201.5 MONYEAR, Application of Hydraulic Remote Control Cylinders to Agricultural Tractors and Trailing-Type Agricultural Implements (revision of ANSI/ASAE S201.4-DEC82 (RAPR2003))

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE X338-199x, Equipment for Agriculture - Safety Chain for Towed Equipment (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE X561-199x, Procedure for Measuring Draft Deposits from Ground Orchard, and Aerial Sprayers (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE X7992-199x, Instructional Seat for Agricultural Tractors (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASAE EP433.1-200x, Loads Exerted by Free-Flowing Grain on Bins (revision and redesignation of ANSI/ASAE EP433-SEP91 (R2006))

ASCE (American Society of Civil Engineers)

BSR/ASCE x-x-200x, Marine and Land Transportation Security (new standard)

ASCE (American Society of Civil Engineers)

BSR/ASCE/AEI x-200x, Recommended Electrical Installation Practices for Control, Communication and Power (C2P) for Critical Facilities (new standard)

ASCE (American Society of Civil Engineers)

BSR/ASCE/AFPA 16-199x, Standard for Load and Resistance Factor Design (LRFD) of Engineered Wood (new standard)

CSAA (Central Station Alarm Association)

BSR/CSAA AIS 1-199x, General Installation, System Testing and Maintenance for Electronic Security Systems (new standard)

CSAA (Central Station Alarm Association)

BSR/CSAA CS-MAA-01-200x, Multiple Activation Analysis (new standard)

CSAA (Central Station Alarm Association)

BSR/CSAA CS-FV-01-200x, Central Station Alarm Verification Procedures for Fire Alarm Monitoring (new standard)

EOS/ESD (ESD Association, Inc.)

BSR/ESD 14.2-200x, System Level ESD (new standard)

EOS/ESD (ESD Association, Inc.)

BSR/ESD SP14.4-200x, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Cable Discharge Events (CDE) - A Standard Practice for Making Measurements of CDE Events (new standard)

EOS/ESD (ESD Association, Inc.)

BSR/ESD SP16.1-200x, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - ESD Protective Workstations (new standard)

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

INCITS/ISO/IEC 29109-5:201x, 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 29109-5:2011)

NFPA (National Fire Protection Association)

ANSI/NFPA 101B-2002, Code for Means of Egress for Buildings and Structures (withdrawal of ANSI/NFPA 101B-2002)

NFPA (National Fire Protection Association)

ANSI/NFPA 271-2004a, Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (withdrawal)

NFPA (National Fire Protection Association)

BSR/NFPA 13A-199x, Sprinkler Systems, Care and Maintenance of (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA 14-200x, Standard for the Installation of Standpipes and Hose Systems (revision of ANSI/NFPA 14-2003)

NFPA (National Fire Protection Association)

BSR/NFPA 46-199x, Storage of Forest Products (revision of ANSI/NFPA 46-1996)

NFPA (National Fire Protection Association)

BSR/NFPA 180-199x, Respiratory Protective Escape Device (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA 271-201x, Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/NFPA 271-2009)

NFPA (National Fire Protection Association)

BSR/NFPA 273-200x, Standard Method of Test for Determining the Degrees of Combustibility of Building Materials (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA 284-201x, Standard Test Method for Mattresses for Correctional Occupancies (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA 297-199x, Telecommunications Systems - Principles and Practices for Rural and Forestry Services (revision of ANSI/NFPA 297-1995)

NFPA (National Fire Protection Association)

BSR/NFPA 497M-1991, Manual for Classification of Gases, Vapors, and Dusts for Electrical Equipment in Hazardous (Classified) Locations (withdrawal of ANSI/NFPA 497M-1991)

NFPA (National Fire Protection Association)

BSR/NFPA 501C-199x, Recreational Vehicles (revision of ANSI/NFPA 1192-1999)

NFPA (National Fire Protection Association)

BSR/NFPA 501D-199x, Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-1999)

NFPA (National Fire Protection Association)

BSR/NFPA 911-1991, Recommended Practice for the Protection of Museums and Museum Collections (withdrawal of ANSI/NFPA 911-1991)

NFPA (National Fire Protection Association)

BSR/NFPA 912-1993, Recommended Practice for Fire Protection in Places of Worship (withdrawal of ANSI/NFPA 912-1993)

NFPA (National Fire Protection Association)

BSR/NFPA 1915-199x, Fire Apparatus Preventative Maintenance Program (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA DS1-201x, Standard Method of Fire Test for Flame Breaks (new standard)

NFPA (National Fire Protection Association)

BSR/NFPA DS2-201x, Standard Method of Fire Test for Covered Fuse on Consumer Fireworks (new standard)

NSF (NSF International)

BSR/BIFMA e3-201x, ANSI/BIFMA e3 Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2010)

NSF (NSF International)

BSR/NSF 2-200x (i14), Food Equipment (revision of ANSI/NSF 2-2005a)

NSF (NSF International)

BSR/NSF 3-A 163, Risk Assessment for Hygienic Design of Equipment (new standard)

NSF (NSF International)

BSR/NSF 3-A 14159-4, Hygiene Requirements for the Design of Seafood Processing Equipment (new standard)

NSF (NSF International)

BSR/NSF 3-A 14159-5, Hygiene Requirements for the Design of Equipment used in Fruit and Vegetable Processing (new standard)

NSF (NSF International)

BSR/NSF 3-A 14159-6, Hygiene Requirements for the Design of Equipment used in Dry Cereal Processing (new standard)

NSF (NSF International)

BSR/NSF 3-A 14159-7, Hygiene Requirements for the Design of Robotic Equipment used in Food Processing (new standard)

NSF (NSF International)

BSR/NSF 3-A 14159-8, Hygiene Requirements for the Design of Equipment for Treatment and Reuse of Processing Water (new standard)

NSF (NSF International)

BSR/NSF 4xx-200x, Homeland Security Protection for Food Delivery Systems (new standard)

NSF (NSF International)

BSR/NSF 4-200x (i9), Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transport Equipment (revision of ANSI/NSF 4-1999)

NSF (NSF International)

BSR/NSF 4-200x (i15), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2007)

NSF (NSF International)

BSR/NSF 14-200x (i5), Plastic Piping System Components and Related Materials (revision of ANSI/NSF 14-2003)

NSF (NSF International)

BSR/NSF 14-200x (i19), Plastic piping system components and related materials (revision of ANSI/NSF 14-2007)

NSF (NSF International)

BSR/NSF 14-201x (i36), Plastics piping system components and related materials (revision of ANSI/NSF 14-2009)

NSF (NSF International)

BSR/NSF 14-201x (i36), Plastics piping system components and related materials (revision of ANSI/NSF 14-2010)

NSF (NSF International)

BSR/NSF 15-199x, Non-plastics Plumbing System Components and Related Materials (new standard)

NSF (NSF International)

BSR/NSF 16-199x, Evaluation of Chlorine Resistance of Plastic Piping Materials (new standard)

NSF (NSF International)

BSR/NSF 40-200x (i8), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2000)

NSF (NSF International)

BSR/NSF 40-200x (i18), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2000)

NSF (NSF International)

BSR/NSF 40-200x (i18), Residential wastewater treatment systems (revision of ANSI/NSF 40-2005)

NSF (NSF International)

BSR/NSF 40-201x (i18), Residential wastewater treatment systems (revision of ANSI/NSF 40-2009)

NSF (NSF International)

BSR/NSF 40-201x (i18r4), Residential wastewater treatment systems (revision of ANSI/NSF 40-2009)

NSF (NSF International)

BSR/NSF 42-200x, Drinking water treatment units - Aesthetic Effects (i6r1.1) (revision of ANSI/NSF 42-2002)

NSF (NSF International)

BSR/NSF 42-200x, Drinking water treatment units - Aesthetic Effects (i37) (revision of ANSI/NSF 42-2002)

NSF (NSF International)

BSR/NSF 42-200x, Drinking water treatment units - Aesthetic effects (i41) (revision of ANSI/NSF 42-2002a)

NSF (NSF International)

BSR/NSF 42-200x, Drinking water treatment units - Aesthetic effects (i44) (revision of ANSI/NSF 42-2002a)

NSF (NSF International)

BSR/NSF 42x-200x, Sanitizing Solution Testing Devices (new standard)

NSF (NSF International)

BSR/NSF 42-200x, Drinking water treatment units - Aesthetic effects (i47) (revision of ANSI/NSF 42-2002a)

NSF (NSF International)

BSR/NSF 42-200x (i35), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42-2002a)

NSF (NSF International)

BSR/NSF 43-199x, Biosolids Management Practices (new standard)

NSF (NSF International)

BSR/NSF 44-200x, Residential cation exchange water softeners (i13) (revision of ANSI/NSF 44-2002)

NSF (NSF International)

BSR/NSF 44-200x, Residential cation exchange water softeners (i16) (revision of ANSI/NSF 44-2002)

NSF (NSF International)

BSR/NSF 44-200x, Residential cation exchange water softeners (i19) (revision of ANSI/NSF 44-2002)

NSF (NSF International)

BSR/NSF 44-200x, Residential cation exchange water softeners (i18) (revision of ANSI/NSF 44-2002)

NSF (NSF International)

BSR/NSF 44-200x (i23), Residential cation exchange water softeners (revision of ANSI/NSF 44-2002)

NSF (NSF International)

BSR/NSF 49-200x (i10), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2002)

NSF (NSF International)

BSR/NSF 50-200x (i61), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008)

NSF (NSF International)

BSR/NSF 50-201x (i74), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2011)

NSF (NSF International)

BSR/NSF 52-200x (i4), Supplemental Flooring (revision of ANSI/NSF 52-2007)

NSF (NSF International)

BSR/NSF 53-200x (i37), Drinking water treatment units - Health Effects (revision of ANSI/NSF 53-2002)

NSF (NSF International)

BSR/NSF 53-200x (i40), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2002)

NSF (NSF International)

BSR/NSF 53-200x (i49), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2002a)

NSF (NSF International)

BSR/NSF 53-200x (i50), Drinking water treatment units - Health effects
(revision of ANSI/NSF 53-2002a)

NSF (NSF International)

BSR/NSF 55-200x, Ultraviolet microbiological water treatment systems (i16)
(revision of ANSI/NSF 55-2002)

NSF (NSF International)

BSR/NSF 55-200x (i13), Ultraviolet microbiological water treatment systems
(revision of ANSI/NSF 55-2002)

NSF (NSF International)

BSR/NSF 55-200x (i21), Ultraviolet microbiological water treatment units
(revision of ANSI/NSF 55-2002)

NSF (NSF International)

BSR/NSF 55-200x (i27), Ultraviolet microbiological water treatment systems
(revision of ANSI/NSF 55-2007)

NSF (NSF International)

BSR/NSF 55-200x (i29), Ultraviolet microbiological water treatment systems
(revision of ANSI/NSF 55-2007)

NSF (NSF International)

BSR/NSF 58-200x , Reverse osmosis drinking water treatment systems (i29)
(revision of ANSI/NSF 58-2002)

NSF (NSF International)

BSR/NSF 58-200x, Reverse osmosis drinking water treatment systems (i33)
(revision of ANSI/NSF 58-2002a)

NSF (NSF International)

BSR/NSF 58-200x, Reverse osmosis drinking water treatment systems (i32)
(revision of ANSI/NSF 58-2003)

NSF (NSF International)

BSR/NSF 58-200x (i54), Reverse osmosis drinking water treatment systems
(revision of ANSI/NSF 58-2007)

NSF (NSF International)

BSR/NSF 58-200x (i54), Reverse osmosis drinking water treatment systems
(revision of ANSI/NSF 58-2007)

NSF (NSF International)

BSR/NSF 58-2004 (200x) (i30a), Reverse Osmosis Drinking Water
Treatment Systems (revision of ANSI/NSF 58-2003)

NSF (NSF International)

BSR/NSF 60-200x (i30), Drinking Water Treatment Chemicals - Health
Effects (revision of ANSI/NSF 60-2000)

NSF (NSF International)

BSR/NSF 60-200x (i38), Drinking Water Additives - Drinking water treatment
chemicals - Health Effects (revision of ANSI/NSF 60-2000)

NSF (NSF International)

BSR/NSF 60-200x (i43), Drinking Water Treatment Chemicals - Health
Effects (revision of ANSI/NSF 60-2005)

NSF (NSF International)

BSR/NSF 60-200x (i15r3), Drinking Water Treatment Chemicals - Health
Effects (revision of ANSI/NSF 60-2000)

NSF (NSF International)

BSR/NSF 61-200x, Drinking Water System Components - Health Effects
(i32) (revision of ANSI/NSF 61-2000)

NSF (NSF International)

BSR/NSF 61-200x, Drinking water system components - Health effects (i49)
(revision of ANSI/NSF 61-2002)

NSF (NSF International)

BSR/NSF 61-200x (i66), Drinking Water System Components - Health
Effects (revision of ANSI/NSF 61-2004)

NSF (NSF International)

BSR/NSF 61-200x (i67), Drinking Water System Components - Health
Effects (revision of ANSI/NSF 61-2004)

NSF (NSF International)

BSR/NSF 61-200x (i71), Drinking water system components - Health effects
(revision of ANSI/NSF 61-2007)

NSF (NSF International)

BSR/NSF 62-200x, Drinking water distillation systems (i6) (revision of
ANSI/NSF 62-1999)

NSF (NSF International)

BSR/NSF 62-200x, Drinking water distillation systems (i12) (revision of
ANSI/NSF 62-1999)

NSF (NSF International)

BSR/NSF 62-200x, Drinking water distillation systems (i11) (revision of
ANSI/NSF 62-1999)

NSF (NSF International)

BSR/NSF 62-200x (i9), Drinking water distillation systems (revision of ANSI/NSF 62-1999)

NSF (NSF International)

BSR/NSF 62-200x (i13), Drinking water distillation systems (revision of ANSI/NSF 62-2004)

NSF (NSF International)

BSR/NSF 62-200x (i13), Drinking water distillation systems (revision of ANSI/NSF 62-1999)

NSF (NSF International)

BSR/NSF 69-199x, Metals Treatment/Removal by Drinking Water Treatment Package Plants (new standard)

NSF (NSF International)

BSR/NSF 70-199x, Organic Chemical Treatment/Removal by Drinking Water Treatment Package Plants (new standard)

NSF (NSF International)

BSR/NSF 71-199x, Nitrate Treatment/Removal by Drinking Water Treatment Package Plants (new standard)

NSF (NSF International)

BSR/NSF 73-199x, Sulfite Treatment/Removal by Drinking Water Treatment Package Plants (new standard)

NSF (NSF International)

BSR/NSF 74-199x, Inorganic Chemical(s) Treatment/Removal by Drinking Water Treatment Package Plants (new standard)

NSF (NSF International)

BSR/NSF 76-199x, Microbiological Contaminant Inactivation by Package Plants (new standard)

NSF (NSF International)

BSR/NSF 77-199x, Microbiological Contaminant Reduction by Package Plants (new standard)

NSF (NSF International)

BSR/NSF 78-199x, Disinfection By-Product Precursor Removal (new standard)

NSF (NSF International)

BSR/NSF 79-199x, Baby Food - Health Effects Requirements (new standard)

NSF (NSF International)

BSR/NSF 80-199x, Household Powered Food Equipment (new standard)

NSF (NSF International)

BSR/NSF 81-199x, Household Food Storage, Preparation and Service Products (new standard)

NSF (NSF International)

BSR/NSF 83-199x, Monitoring Instruments and Controllers for Drinking Water, Pools and Wastewater (new standard)

NSF (NSF International)

BSR/NSF 84-199x, Personal Protection Equipment for Food Service Establishments - Safety (new standard)

NSF (NSF International)

BSR/NSF 85-201x, Food Storage Cabinetry, Ceiling Tiles and Flooring Used in Food Service Establishments (new standard)

NSF (NSF International)

BSR/NSF 86-199x, Consumer Water Test Kits (new standard)

NSF (NSF International)

BSR/NSF 87-199x, Bioaugmentation Products/Septic Tank Additives (new standard)

NSF (NSF International)

BSR/NSF 88-199x, Plumbing/Piping Degreasers (new standard)

NSF (NSF International)

BSR/NSF 89-199x, Portable Medical Waste Treatment Devices (new standard)

NSF (NSF International)

BSR/NSF 90-199x, Building Products Used in Clean Rooms (new standard)

NSF (NSF International)

BSR/NSF 91-199x, Chemical Detergents and Sanitizers Used in Commercial Food Equipment - Health Effects (new standard)

NSF (NSF International)

BSR/NSF 92-199x, Cloth Toweling/Cloth and Paper Towel Dispensers (new standard)

NSF (NSF International)

BSR/NSF 93-199x, Pool Deck and Locker Room Flooring and Products (new standard)

NSF (NSF International)

BSR/NSF 94-199x, Cutlery and Flatware (identical national adoption)

NSF (NSF International)

BSR/NSF 95-199x, Table Cutlery (identical national adoption)

NSF (NSF International)

BSR/NSF 96-199x, Cutlery and Table Holloware - Part 1 (identical national adoption)

NSF (NSF International)

BSR/NSF 97-199x, Cutlery and Table Holloware - Part 2 (identical national adoption)

NSF (NSF International)

BSR/NSF 98-199x, Cutlery and Table Holloware - Part 3 (identical national adoption)

NSF (NSF International)

BSR/NSF 99-199x, Cutlery and Table Holloware - Part 4 (identical national adoption)

NSF (NSF International)

BSR/NSF 111-199x, Indoor Air Filtration Equipment for the Reduction of Health Related Contaminants (new standard)

NSF (NSF International)

BSR/NSF 115-199x, Auditing Food Safety and Quality Systems (new standard)

NSF (NSF International)

BSR/NSF 116-199x, Non-Food Compounds Used in Food Processing Facilities (new standard)

NSF (NSF International)

BSR/NSF 117-199x, Domestic Clothes Washing Machines (new standard)

NSF (NSF International)

BSR/NSF 118-199x, Domestic Clothes Drying Machines (new standard)

NSF (NSF International)

BSR/NSF 119-199x, Facility Design for Meat and Poultry Processing Plants (new standard)

NSF (NSF International)

BSR/NSF 120-199x, Food Service Gloves (new standard)

NSF (NSF International)

BSR/NSF 140-201x (i15), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010)

NSF (NSF International)

BSR/NSF 141-199x, Evaluation of Product Environmental Attributes - Paints (new standard)

NSF (NSF International)

BSR/NSF 142-199x, Evaluation of Product Environmental Attributes - Soaps and Detergents (new standard)

NSF (NSF International)

BSR/NSF 144-199x, Evaluation of Product Environmental Attributes - Coatings, Sealants, Adhesives and Polishes (new standard)

NSF (NSF International)

BSR/NSF 145-199x, Evaluation of Product Environmental Attributes - Oils, Greases and Lubricants (new standard)

NSF (NSF International)

BSR/NSF 146-199x, Evaluation of Product Environmental Attributes - Rubber Products (new standard)

NSF (NSF International)

BSR/NSF 147-199x, Evaluation of Product Environmental Attributes - "Green" Building Materials/Design (new standard)

NSF (NSF International)

BSR/NSF 158-199x, Automated Nucleic Acid Processing Chambers - Biosafety and Health (new standard)

NSF (NSF International)

BSR/NSF 159-199x, Drinking Water Treatment Units - Prevention of Scale Buildup on the Heating Elements of Commercial Food Steamers (new standard)

NSF (NSF International)

BSR/NSF 161-200x, Ventilation Systems (new standard)

NSF (NSF International)

BSR/NSF 162-200x, Plan Review (new standard)

NSF (NSF International)

BSR/NSF 164-200x, Antimicrobial Treatments and Surfaces (new standard)

NSF (NSF International)

BSR/NSF 165-200x, Installation of Food Equipment (new standard)

NSF (NSF International)

BSR/NSF 166-200x, Hotels: Public Health Protection (new standard)

NSF (NSF International)

BSR/NSF 167-200x, Household Refrigerators & Freezers (new standard)

NSF (NSF International)

BSR/NSF 173-200x, Dietary supplements (i7) (revision of ANSI/NSF 173-2003)

NSF (NSF International)

BSR/NSF 173-200x, Dietary Supplements (revision of ANSI/NSF 173-2003)

NSF (NSF International)

BSR/NSF 173-M0001-200x, Dietary Supplements - Kavalactones in Piper Methysticum, by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0002-200x, Dietary Supplements - Flavonol Glycosides in Ginkgo Biloba, by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0003-200x, Dietary Supplements - Ginsenosides in Panax Ginseng and American Ginseng, by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0004-200x, Dietary Supplements - Constituent Identification of Hypericum Perforatum by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0005-200x, Dietary Supplements - Ginkgoterpenoids in Ginkgo Biloba, by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0006-200x, Dietary Supplements - Total Polyphenols in Echinacea, by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0007-200x, Dietary Supplements - Hypericin and Pseudohypericin by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0008-200x, Dietary Supplements - Fatty Acid Content in Saw Palmetto by Gas Chromatography (new standard)

NSF (NSF International)

BSR/NSF 173-M0009-200x, Dietary Supplements - Sterols Content in Saw Palmetto by Gas Chromatography (new standard)

NSF (NSF International)

BSR/NSF 173-M0010-200x, Dietary Supplements - Alicin Content in Garlic by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0011-200x, Dietary Supplements - Total Catechins and Gallic Acid in Green Tea by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0012-200x, Dietary Supplements - Hyperforin in St. John's Wort by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0013-200x, Dietary Supplements - Triterpene Glycosides in Black Cohosh Using ELSD (new standard)

NSF (NSF International)

BSR/NSF 173-M0014-200x, Dietary Supplements - Gingerols and Shogaols in Zingiber officinale (Ginger) by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0015-200x, Dietary Supplements - Silymarins in Milk Thistle by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0016-200x, Dietary Supplements - Anthocyanin Content in Bilberry by pH-Differential Spectrophotometry (new standard)

NSF (NSF International)

BSR/NSF 173-M0017-200x, Dietary Supplements - Eleutherosides in Siberian Ginseng by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M0018-200x, Dietary Supplements - Isoflavones in Soy by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-M00019-200x, Dietary Supplements - Lycopene in Beadlets by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-200x (i20), Dietary Supplements (revision of ANSI/NSF 173-2005)

NSF (NSF International)

BSR/NSF 173-200x (i26), Dietary Supplements (revision of ANSI/NSF 173-2006)

NSF (NSF International)

BSR/NSF 173-201x (i18), Dietary Supplements (revision of ANSI/NSF 173-2009)

NSF (NSF International)

BSR/NSF 173-M00020-200x, Dietary Supplements - Total Chondroitin Sulfate Sodium by Cetylpyridinium Chloride Method (new standard)

NSF (NSF International)

BSR/NSF 173-M00021-200x, Dietary Supplements - Determination of Glucosamine by HPLC (new standard)

NSF (NSF International)

BSR/NSF 173-200x (i18r2), Dietary Supplements (revision of ANSI/NSF 173-2006)

NSF (NSF International)

BSR/NSF 177-200x (i2), Shower filtration systems - Aesthetic effects (revision of ANSI/NSF 177-2004)

NSF (NSF International)

BSR/NSF 178-200x, Suction/Entrapment Prevention Devices (new standard)

NSF (NSF International)

BSR/NSF 179-200x, Physical Water Treatment Devices (new standard)

NSF (NSF International)

BSR/NSF 201-200x, Food Blenders (new standard)

NSF (NSF International)

BSR/NSF 202-200x, Food Mixers (new standard)

NSF (NSF International)

BSR/NSF 203-200x, Coffee and Tea Makers (new standard)

NSF (NSF International)

BSR/NSF 204-200x, Espresso and Cappuccino Machines (new standard)

NSF (NSF International)

BSR/NSF 205-200x, Food Processors (new standard)

NSF (NSF International)

BSR/NSF 206-200x, Juicers (new standard)

NSF (NSF International)

BSR/NSF 207-200x, Microwaves (new standard)

NSF (NSF International)

BSR/NSF 208-200x, Pasta Machines (new standard)

NSF (NSF International)

BSR/NSF 209-200x, Stoves, Ovens and Ranges (new standard)

NSF (NSF International)

BSR/NSF 210-200x, Toasters and Toaster Ovens (new standard)

NSF (NSF International)

BSR/NSF 211-200x, Waffle Irons (new standard)

NSF (NSF International)

BSR/NSF 212-200x, Deep Fryers (new standard)

NSF (NSF International)

BSR/NSF 213-200x, Slow Cookers (new standard)

NSF (NSF International)

BSR/NSF 215-200x, Food Steamers (new standard)

NSF (NSF International)

BSR/NSF 216-200x, Food Grinders and Choppers (new standard)

NSF (NSF International)

BSR/NSF 217-200x, Ice Cream Makers (new standard)

NSF (NSF International)

BSR/NSF 218-200x, Ice Crushers (new standard)

NSF (NSF International)

BSR/NSF 219-200x, Humidifiers (new standard)

NSF (NSF International)

BSR/NSF 220-200x, Air Purifiers (new standard)

NSF (NSF International)

BSR/NSF 226-200x, Marine Food Equipment (new standard)

NSF (NSF International)

BSR/NSF 236-200x, Water Treatment Systems for Protection Against Intentional Contamination of Biological Agents (new standard)

NSF (NSF International)

BSR/NSF 237-200x, Water Treatment Systems for Protection Against Intentional Contamination of Chemical Agents (new standard)

NSF (NSF International)

BSR/NSF 238-200x, Water Treatment Systems for Protection Against Intentional Contamination of Radiological Agents (new standard)

NSF (NSF International)

BSR/NSF 239-200x, Water-efficient product labeling (new standard)

NSF (NSF International)

BSR/NSF 241-200x, Treatment of Water Used to Clean Building and Equipment Contaminated with Biological Agents (new standard)

NSF (NSF International)

BSR/NSF 242-200x, Treatment of Water Used to Clean Building and Equipment Contaminated with Chemical Agents (new standard)

NSF (NSF International)

BSR/NSF 243-200x, Treatment of Water Contaminated with Biological or Chemical Agents in a Water Distribution System (new standard)

NSF (NSF International)

BSR/NSF 245-201x (i2), Wastewater treatment systems - Nitrogen Reduction (revision of ANSI/NSF 245-2007)

NSF (NSF International)

BSR/NSF 247-200x, Restaurant and Supermarket Food Safety and Quality (new standard)

NSF (NSF International)

BSR/NSF 301-200x, Indoor Air: Evaluation and Test Methods for Microbiological Contaminants (new standard)

NSF (NSF International)

BSR/NSF 302-200x, Indoor Air: Requirements for Building Inspectors Conducting Microbiological Evaluations (new standard)

NSF (NSF International)

BSR/NSF 303-200x, Desalination Technologies for Drinking Water Treatment (new standard)

NSF (NSF International)

BSR/NSF 304-200x, China, glass and porcelain dinnerware (new standard)

NSF (NSF International)

BSR/NSF 305-201x (i11), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011)

NSF (NSF International)

BSR/NSF 310-200x, Ashwagandha Root (new standard)

NSF (NSF International)

BSR/NSF 311-200x, Astragalus Root (new standard)

NSF (NSF International)

BSR/NSF 312-200x, Bilberry Fruit (new standard)

NSF (NSF International)

BSR/NSF 313-200x, Black Cohosh Rhizome (new standard)

NSF (NSF International)

BSR/NSF 314-200x, Black Haw Bark (new standard)

NSF (NSF International)

BSR/NSF 315-200x, Chaste Tree Fruit (new standard)

NSF (NSF International)

BSR/NSF 316-200x, Cramp Bark (new standard)

NSF (NSF International)

BSR/NSF 317-200x, Cranberry Fruit (new standard)

NSF (NSF International)

BSR/NSF 318-200x, Dang Gui Root (new standard)

NSF (NSF International)

BSR/NSF 319-200x, Echinacea purpurea Root (new standard)

NSF (NSF International)

BSR/NSF 320-200x, Ginkgo Leaf/ Ginkgo Leaf Dry Extract (new standard)

NSF (NSF International)

BSR/NSF 322-200x, Hawthorn Berry (new standard)

NSF (NSF International)

BSR/NSF 323-200x, Hawthorn Leaf with Flower (new standard)

NSF (NSF International)

BSR/NSF 324-200x, Reishi Mushroom (new standard)

NSF (NSF International)

BSR/NSF 325-200x, St. John's Wort (new standard)

NSF (NSF International)

BSR/NSF 326-200x, Schisandra Berry (new standard)

NSF (NSF International)

BSR/NSF 327-200x, Willow Bark (new standard)

NSF (NSF International)

BSR/NSF 328 -200x, Valerian Root (new standard)

NSF (NSF International)

BSR/NSF 329-200x, Pool and spa water test kits and devices (new standard)

NSF (NSF International)

BSR/NSF 333-200x, Wastewater quality test kits and devices (new standard)

NSF (NSF International)

BSR/NSF 334-200x, Drinking Water quality test kits and devices (new standard)

NSF (NSF International)

BSR/NSF 337-200x, Supply Chain Food Safety (new standard)

NSF (NSF International)

BSR/NSF 338-200x, Good Agriculture Practices (GAP) (new standard)

NSF (NSF International)

BSR/NSF 348-200x, Pet Food (new standard)

NSF (NSF International)

BSR/NSF 354-200x, Sustainable Fiber Sourcing for Apparel Textiles (new standard)

NSF (NSF International)

BSR/NSF 357-200x, Cleaning Products Formulated for the Environment (new standard)

NSF (NSF International)

BSR/NSF 366-201x, Adenosine Triphosphate Test Kits - Performance and Data Interpretation (new standard)

NSF (NSF International)

BSR/NSF 61 (i38)-200x, Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

NSF (NSF International)

BSR/NSF 61 (i15r3.2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

NSF (NSF International)

BSR/NSF 61 (i24r4), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

NSF (NSF International)

BSR/NSF 42 200x (i62), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42-2007)

NSF (NSF International)

BSR/NSF 305 201x (i11), Personal Care Products Containing Organic Ingredients (addenda to ANSI/NSF 305-2011)

NSF (NSF International)

BSR/NSF/GCI 356-200x, Green Chemical Process Technology (new standard)

NSF (NSF International)

BSR/NSF/IBWA 114-199x, Bottled Water and Related Products - Good Manufacturing Practices and Quality Standards (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE CMS 01-003-200x, Fiber Optic Cable Standards (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE DSS 01-09-200x, Metadata on Cable Networks (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE DSS 02-20-200x, Proposed Implementors' Guide to ITU-T Recommendation J.112 Annex B (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE DVS 564-200x, Client-Based Digital Program Insertion In-Band Specification (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE DVS 565-200x, Client-Based Digital Program Insertion Out-of-Band Specification (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 005-200x, Specification for 75 Ohm Corrugated Copper Drop Cable (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 006-200x, Specification for 75 Ohm Corrugated Aluminum Drop Cable (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 411-200x, Connector Interface Specification for 75 Ohm Corrugated Aluminum or Copper Subscriber Access Cables (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 703-200x, Graphic Symbols for Cable Telecommunications Part 2: FTTX Symbols (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS TP 252-200x, Test Method for Distortion of 2-way Active Amplifier Caused by Insufficient Isolation of Built in Diplex Filter (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS TP 601-200x, Humidity Testing for Traps and Filters (new standard)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS TP 902-200x, Test Method for Mainline Connector Cable Twist Rotation (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.

ANSI/NISO Z39.26-1997 (R2002), Micropublishing Product Information

ANSI/NISO Z39.47-1993 (R2003), Extended Latin Alphabet Coded Character Set for Bibliographic Use

ANSI/NISO Z39.64-1989 (R2002), East Asian Character Code for Bibliographic Use

ANSI/NISO Z39.76-1996 (R2002), Data Elements for Binding Library Materials

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.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street N.W.
Suite 402
Washington, DC 20036

Contact: *Matthew Williams*

Phone: (202) 872-5955 x317

Fax: (202) 872-9354

E-mail: mwilliams@aham.org

BSR/AHAM PAC-1-201x, Portable Air Conditioners (identical national adoption of and revision of ANSI/AHAM PAC-1-2009)

AMCi (AMC Institute)

Office: 700 N. Fairfax Street, Suite 510
Alexandria, VA 22314

Contact: *Charles Sapp*

Phone: (856) 423-6227

Fax: (581) 527-3105

E-mail: csapp@talley.com

BSR/AMCI A100.1-201x, AMC Standard of Good Practices for Association Management Companies (revision and redesignation of ANSI/AMCI A100.1-201x)

ASA (ASC S12) (Acoustical Society of America)

Office: 35 Pinelawn Road, Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S12.9-201x/Part 1-201x, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 1: Basic Quantities and Definitions (revision of ANSI S12.9-Part 1-1988 (R2003))

ASA (ASC S3) (Acoustical Society of America)

Office: 35 Pinelawn Road, Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR ASA S3.50-201X, Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (new standard)

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

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

Contact: *Deborah Spittle*

Phone: (202) 626-5746

Fax: (202) 638-4922

E-mail: dspittle@ititc.org

ANSI INCITS 397-2005 (R2010), Information Technology - AT Attachment with Packet Interface - 7 (ATA/ATAPI-7) (reaffirmation of ANSI INCITS 397-2005)

ANSI INCITS 397-2005 (R2010), ANSI INCITS 397-2005/AM1-2007 (R2012), Information technology - AT Attachment with Packet Interface-7 (ATA/ATAPI-7) (withdrawal of ANSI INCITS 397-2005 (R2010), ANSI INCITS 397-2005/AM1-2007 (R2012))

BSR INCITS 423.1-2008 (R201x), Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 1: Generalized Conformance Testing Methodology (reaffirmation of ANSI INCITS 423.1-2008)

BSR INCITS 423.2-2008 (R201x), Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 2: Conformance Testing Methodology for INCITS 378-2004, Finger Minutiae Format for Data Interchange (reaffirmation of ANSI INCITS 423.2-2008)

INCITS 429-2008 (R201x), Information technology - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification (reaffirmation of ANSI INCITS 429-2008)

INCITS/ISO/IEC 19784-1/AM1-200x, Information technology - BioAPI - Biometric Application Programming Interface - Part 1: BioAPI Specification - Amendment 1: BioGUI specification (identical national adoption of ISO/IEC 19784-1:2006/AM1-2007)

INCITS/ISO/IEC 19784-2-2008 (R201x), Information technology - Biometric application programming interface - Part 2: Biometric archive function provider interface (reaffirmation of INCITS/ISO/IEC 19784-2-2008)

INCITS/ISO/IEC 19785-1-2008 (R201x), Information Technology - Common Biometric Exchange Formats Framework - Part 1: Data Element Specification (reaffirmation of INCITS/ISO/IEC 19785-1-2008)

INCITS/ISO/IEC 19785-2-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework - Part 2: Procedures for the Operation of the Biometric Registration Authority (reaffirmation of INCITS/ISO/IEC 19785-2-2008)

INCITS/ISO/IEC 19785-3-2008 (R201x), Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications (reaffirmation of INCITS/ISO/IEC 19785-3-2008)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Barbara Davis*

Phone: (408) 754-6722

E-mail: Barbara.J.Davis@ul.com

BSR/UL 1676-201x, Standard for Safety for Conductive-Path and Discharge-Path Resistors for Use in Radio-, Video-, or Television-Type Appliances (new standard)

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Revision

ANSI/AHRI Standard 210/240-2008 with Addenda 1 and 2-2011, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment (revision of ANSI/AHRI Standard 210/240 with Addendum 1-2011): 1/15/2013

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 5.10-1998 (R2012), Airborne Release Fractions at Non-Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 5.10-1998 (R2006)): 1/15/2013

APA (APA - The Engineered Wood Association)

Revision

ANSI A190.1-2012, Standard for wood products - Structural Glued Laminated Timber (revision of ANSI/AITC A190.1-2007): 1/23/2013

API (American Petroleum Institute)

New National Adoption

ANSI/API RP 17P/ISO 13628-15-2011, Recommended Practice for Manifolds and Structures on Subsea Production Systems (identical national adoption of ISO 13628-15): 1/15/2013

ASA (ASC S12) (Acoustical Society of America)

Revision

ANSI ASA S12.9-Part 3-2012, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 3: Short-term Measurements with an Observer Present (revision of ANSI ASA S12.9-Part 3-1993 (R2008)): 1/15/2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME PTC 19.11-2008 (R2013), Steam and Water Sampling, Conditioning, and Analysis in the Power Cycle (reaffirmation of ANSI/ASME PTC 19.11-2008): 1/23/2013

Revision

ANSI/ASME B30.25-2013, Scrap and Material Handlers (revision of ANSI/ASME B30.25-2007): 1/23/2013

ASTM (ASTM International)

Reaffirmation

ANSI/ASTM D2902-2000 (R2013), Specification for Fluoropolymer Resin Heat-Shrinkable Tubing for Electrical Insulation (reaffirmation of ANSI/ASTM D2902-2000 (R2006)): 1/15/2013

ANSI/ASTM D3144-2000 (R2013), Specification for Crosslinked Poly (Vinylidene Fluoride) Heat-Shrinkable Tubing for Electrical Insulation (reaffirmation of ANSI/ASTM D3144-2000 (R2006)): 1/15/2013

ANSI/ASTM D3144-2000 (R2013a), Specification for Crosslinked Poly (Vinylidene Fluoride) Heat-Shrinkable Tubing for Electrical Insulation (reaffirmation of ANSI/ASTM D3144-2000 (R2006)): 1/15/2013

ANSI/ASTM D3144-2000 (R2013b), Specification for Crosslinked Poly (Vinylidene Fluoride) Heat-Shrinkable Tubing for Electrical Insulation (reaffirmation of ANSI/ASTM D3144-2000 (R2006)): 1/15/2013

ANSI/ASTM F1068-1990 (R2012), Specification for Doors, Double, Gastight/Airtight, Individually Dogged, for Marine Use (reaffirmation of ANSI/ASTM F1068-1990 (R2012)): 10/23/2013

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI ATIS 0100036-2013, Media Plane Performance Security Impairments Standard for Evolving VoIP/Multimedia Networks (new standard): 1/23/2013

Reaffirmation

ANSI ATIS 0700004.a-2008 (R2013), Supplement to ATIS High Capacity-Spatial Division Multiple Access (HC-SDMA) Radio Interface Standard (reaffirmation of ANSI ATIS 0700004.a-2008): 1/23/2013

ANSI ATIS 0700708-1998 (R2013), PCS 1900 Service Provider Number Portability (reaffirmation of ANSI ATIS 0700708-1998 (R2008)): 1/23/2013

Revision

ANSI ATIS 0300231.01-2013, Digital Subscriber Line (DSL) - Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.01-2003 (R2007)): 1/23/2013

ANSI ATIS 0300231.03-2013, DS3 - Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.03-2003 (R2007)): 1/23/2013

ANSI ATIS 0300231.04-2013, SONET - Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.04-2003 (R2007)): 1/23/2013

ANSI ATIS 0300231-2013, Layer 1 In-Service Transmission Performance Monitoring (revision of ANSI ATIS 0300231-2003 (R2007)): 1/23/2013

Withdrawal

ANSI ATIS 0700001-2004, SB Physical, MAC/LLC, & Network Layer Specifications - Multi-Carrier Synchronous Beamforming (MCSB) Air Interface (withdrawal of ANSI ATIS 0700001-2004 (R2009)): 1/23/2013

ANSI ATIS 0700716-2000, Air Interface Standard for Broadband Direct Sequence CDMA for Fixed Wireless PSTN Access - Layer 1 (withdrawal of ANSI ATIS 0700716-2000 (R2009)): 1/23/2013

ANSI ATIS 0700723-2002, I-CDMA Spread Spectrum Systems Air Interface Standard - Stage 3 Text (withdrawal of ANSI ATIS 0700723-2002 (R2011)): 1/23/2013

ECA (Electronic Components Association)

Reaffirmation

ANSI/EIA 364-101-2000 (R2013), Attenuation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-101-2000 (R2007)): 1/15/2013

ANSI/EIA 364-106-2000 (R2013), Standing Wave Ratio (SWR) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-106-2000 (R2007)): 1/15/2013

ANSI/EIA 364-107-2000 (R2013), Eye Pattern and Jitter Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-107-2000 (R2007)): 1/15/2013

ANSI/EIA 364-108-2000 (R2013), Impedance, Reflection Coefficient, Return Loss, and VSWR Measured in Time and Frequency Domain Test Procedure for Electrical Connectors, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-108-2000 (R2007)): 1/15/2013

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 807-2011, Recommended Practice for Unique Identification in Hydroelectric Facilities (new standard): 1/14/2013

ANSI/IEEE 1453-2011, Recommended Practice for Adoption of IEC 61000-4-15:2010, Electromagnetic Compatibility (EMC) -Testing (new standard): 1/15/2013

ANSI/IEEE 1490-2011, Guide: Adoption of the Project Management Institute (PMI) Standard: A Guide to the Project Management Body of Knowledge (PMBOK Guide) - 2008 (4th edition) (new standard): 1/15/2013

ANSI/IEEE 1547.6-2011, Recommended Practice for Interconnecting Distributed Resources with Electric Power Systems Distribution (new standard): 1/17/2013

ANSI/IEEE 1591.3-2011, Standard for Qualifying Hardware for Helically-Applied Fiber Optic Cable Systems (WRAP Cable) (new standard): 1/15/2013

ANSI/IEEE 1653.4-2011, Standard for dc Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 Volts dc Nominal (new standard): 1/14/2013

ANSI/IEEE 15289-2011, Software and Systems Engineering - Content of Life-Cycle Information Products (Documentation) (new standard): 1/17/2013

ANSI/IEEE 42010-2011, Systems and Software Engineering - Architecture Description (new standard): 1/22/2013

ANSI/IEEE C37.122.3-2011, Guide for Sulphur Hexafluoride (SF₆) Gas Handling for High Voltage (over 1000 Vac) Equipment (new standard): 1/14/2013

ANSI/IEEE C57.148-2011, Standard for Control Cabinets for Power Transformers (new standard): 1/15/2013

Revision

ANSI/IEEE 1246-2011, Guide for Temporary Protective Grounding Systems Used in Substations (revision of ANSI/IEEE 1246-2002): 1/14/2013

ANSI/IEEE C37.011-2011, Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers (revision of ANSI/IEEE C37.011-2005): 1/15/2013

NCSL (ASC Z540) (National Conference of Standards Laboratories)

Reaffirmation

ANSI/NCSL Z540.2-1997 (R2012), Expressing Uncertainty - U.S. Guide to the (reaffirmation of ANSI NCSL Z540.2-1997 (R2007)): 1/14/2013

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

ANSI C136.23-2012, Standard for Roadway and Area Lighting Equipment - Enclosed Architectural Luminaires (revision of ANSI C136.23-2006): 1/15/2013

ANSI C136.32-2012, Standard for Roadway and Area Lighting - Enclosed Setback Luminaires and Directional Floodlights (revision of ANSI C136.32-2006): 1/15/2013

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

ANSI/NEMA HP 8-2013, Electrical and Electronic Crosslinked, Modified Low Smoke Polyolefin (XLPO) Insulated Hook-Up Wire, Types LS (105 C-600 V), ZHDM (90 C-600 V), ZHDH (90 C-600 V), ZH (125 C-600 V), and ZHX (125 C-1000 V) (new standard): 1/23/2013

NSF (NSF International)

Revision

- * ANSI/NSF 46-2012 (i21), Evaluation of components and devices used in wastewater treatment systems (revision of ANSI/NSF 46-2010a): 12/23/2012
- * ANSI/NSF 245-2012 (i6), Wastewater treatment systems - Nitrogen reduction (revision of ANSI/NSF 245-2010a): 12/23/2012
- * ANSI/NSF 350-2012 (i3), Wastewater treatment systems - Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2011): 12/23/2012
- * ANSI/NSF 350-1-2012 (i3), Wastewater treatment systems - Onsite residential and commercial graywater treatment systems for subsurface discharge (revision of ANSI/NSF 350-1-2011): 12/23/2012

PLASA (PLASA North America)

Revision

ANSI E1.2-2012, Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (revision of ANSI E1.2-2006): 1/15/2013

ANSI E1.8-2012, Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension - Classification, Manufacture and Structural Testing (revision of ANSI E1.8-2005): 1/15/2013

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 29-2012, Torque Requirements for Bond Wire Penetration of Bonding Set Screw (revision of ANSI/SCTE 29-2007): 1/23/2013

ANSI/SCTE 82-2012, Test Method for Low Frequency and Spurious Disturbances (revision of ANSI/SCTE 82-2007): 1/23/2013

ANSI/SCTE 83-1-2012, HMS Inside Plant Management Information Base (MIB) - Part 1: SCTE-HMS-HE-OPTICS-MIB (revision of ANSI/SCTE 83-1-2006): 1/23/2013

ANSI/SCTE 132-2012, Test Method For Reverse Path (Upstream) Bit Error Rate (revision of ANSI/SCTE 132-2007): 1/23/2013

ANSI/SCTE 144-2012, Test Procedure for Measuring Transmission and Reflection (revision of ANSI/SCTE 144-2007): 1/23/2013

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 607-B-1-2013, Generic Telecommunications Grounding (Earthing) and Bonding for Customer Premises - Addendum 1: External Grounding (addenda to ANSI/TIA 607-B-2011): 1/15/2013

Reaffirmation

ANSI/TIA 664-000-B-3-2007 (R2013), Wireless Features Description - Addendum 3 (reaffirmation of ANSI/TIA 664-000-B-3-2007): 1/22/2013

ANSI/TIA 664-100-B-2007 (R2013), Wireless Features Description: Background and Assumptions (reaffirmation of ANSI/TIA 664-100-B-2007): 1/16/2013

ANSI/TIA 664-501-B-2007 (R2013), Wireless Features Description: Call Delivery (CD) (reaffirmation of ANSI/TIA 664-501-B-2007): 1/16/2013

ANSI/TIA 664-502-B-2007 (R2013), Wireless Features Description: Call Forwarding - Busy (CFB) (reaffirmation of ANSI/TIA 664-502-B-2007): 1/22/2013

Withdrawal

ANSI/TIA 664-000-B-1-2005, Wireless Features Description - Introduction (withdrawal of ANSI/TIA 664-000-B-1-2005): 1/16/2013

UL (Underwriters Laboratories, Inc.)

Reaffirmation

* ANSI/UL 193-2008 (R2013), Standard for Safety for Alarm Valves for Fire-Protection Service (reaffirmation of ANSI/UL 193-2008): 1/11/2013

* ANSI/UL 1484-2008 (R2013), Standard for Safety for Residential Gas Detectors (reaffirmation of ANSI/UL 1484-2008): 1/17/2013

ANSI/UL 1715-2003 (R2013), Standard for Fire Test of Interior Finish Material (reaffirmation of ANSI/UL 1715-2003 (R2008)): 1/17/2013

Revision

ANSI/UL 67-2013, Standard for Safety for Panelboards (Proposal dated 05-04-12) (revision of ANSI/UL 67-2010): 1/11/2013

ANSI/UL 67-2013a, Standard for Safety for Panelboards (Proposal dated 10-26-12) (revision of ANSI/UL 67-2009): 1/11/2013

* ANSI/UL 94-2013, Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices (revision of ANSI/UL 94-2012): 1/17/2013

ANSI/UL 147-2013, Standard for Safety for Hand-Held Torches for Fuel Gases (revision of ANSI/UL 147-2009): 1/16/2013

ANSI/UL 360-2013, Standard for Safety for Liquid-Tight Flexible Steel Conduit (Proposal dated 11-2-12) (revision of ANSI/UL 360-2009a): 1/17/2013

ANSI/UL 486C-2013, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2010): 1/11/2013

ANSI/UL 486A-486B-2013, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2010): 1/11/2013

ANSI/UL 489-2013, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2011): 1/15/2013

ANSI/UL 489-2013a, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2011): 1/15/2013

* ANSI/UL 588-2013, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2009): 1/22/2013

ANSI/UL 603-2013, Standard for Safety for Power Supplies for Use with Burglar-Alarm Systems (revision of ANSI/UL 603-2008): 1/22/2013

ANSI/UL 834-2013, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (Proposal dated 10-26-12) (revision of ANSI/UL 834-2009): 1/14/2013

ANSI/UL 1565-2013, Standard for Safety for Positioning Devices (Proposal dated 9-28-12) (revision of ANSI/UL 1565-2004 (R2008)): 1/23/2013

ANSI/UL 1691-2013, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2012a): 1/18/2013

ANSI/UL 2238-2013, Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2012): 1/15/2013

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.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street N.W.
Suite 402
Washington, DC 20036

Contact: *Matthew Williams*

Fax: (202) 872-9354

E-mail: mwilliams@aham.org

* BSR/AHAM PAC-1-201x, Portable Air Conditioners (identical national adoption of and revision of ANSI/AHAM PAC-1-2009)

Stakeholders: Manufacturers, consumer groups.

Project Need: General Update

This standard establishes a uniform, repeatable procedure or standard method for measuring specified product characteristics of portable air conditioners. The standard methods and the recommended levels of performance, where they appear, are intended to provide a means to compare and evaluate different brands and models of portable air conditioners regarding characteristics significant to product use.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60526

Contact: *Kathryn Murdoch*

Fax: (708) 579-8248

E-mail: standards@ans.org

BSR/ANS 10.8-201x, Non-Real Time, High Integrity Software for the Nuclear Industry-User Requirements (new standard)

Stakeholders: Developers and users of software for the nuclear industry.

Project Need: High-integrity, non-real time safety analysis, design, simulation software includes calculations or simulations that can have critical consequences if errors are not detected, but that are so complex that typical peer reviews are not likely to identify errors.

This standard addresses requirements users need to meet to use high integrity, non-real time software. High-integrity software includes safety analysis, design, simulation, and other software that can have critical consequences if errors are not detected, but that is so complex that typical peer reviews are not likely to identify errors. It is intended to address the type of software developed under ANS 10.7 and may be used for other software that can have critical consequences.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBox@asme.org

BSR/ASME NM-3-200x, Standard on Nonmetallic Materials (new standard)

Stakeholders: The affected stakeholders are the users of the BPV, B31, and B16 codes and standards.

Project Need: Currently, the Boiler and Pressure Vessel (BPV); B31 Pressure Piping; and B16 Valves, Flanges, Fittings, and Gaskets Codes and Standards have treated the material properties of non-metallic materials inconsistently, mostly due to the diverse locations of non-metallic material expertise throughout the various BPV, B31, and B16 Code committees organizational structure. For BPV, B31, and B16 Code engineering applications, there needs to be a consistent, well thought out process for the identification of non-metallic material properties. The material specifications to be included in the standard will be from recognized standards organizations such as ASTM.

This standard includes specifications for non-metallic materials (except wood, non-fibrous glass and concrete); and in conformance with the requirements of the individual construction codes, methodologies, design values, limits, and cautions on the use of materials.

BSR/ASME PCC-1-2010, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2010)

Stakeholders: Users, manufacturers, distributors, consultants, and government.

Project Need: This standard provides updates to the 2010 edition of the guidelines for pressure boundary bolted flange joint assembly standard.

The bolted flange joint assembly (BFJA) guidelines described in this document apply to pressure-boundary flanged joints with ring-type gaskets that are entirely within the circle enclosed by the bolt holes and with no contact outside this circle. By selection of those features suitable to the specific service or need, these guidelines may be used to develop effective joint assembly procedures for the broad range of sizes and service conditions normally encountered in the process industries.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854

Contact: Lisa Yacone

Fax: (732) 562-1571

E-mail: l.yacone@ieee.org

BSR/IEEE 692-201x, Standard Criteria for Security Systems for Nuclear Power Generating Stations (revision of ANSI/IEEE 692-1997 (R2005))

Stakeholders: The stakeholders are nuclear plant owners, plant security departments, engineering support staff, and other related augmented support personnel.

Project Need: This revision is needed to address industry feedback from stakeholders on critical areas of the standard based on recent changes and clarifications in security approaches. Making these changes will allow a path for future regulatory endorsement. This revision also changes the scope of the previous revision to clarify that the standard applies to electrical, instrumentation, and control equipment.

The standard provides criteria for the design, testing, and maintenance of security system electrical, instrumentation, and control equipment for nuclear power generating stations. Such equipment includes permanently or temporarily installed systems, subsystems, and components used by the security force for physical protection of the station against security threats. It includes equipment for security-related detection, assessment, surveillance, access control, communication, and data acquisition.

BSR/IEEE 802.1Qca-20XX, IEEE Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks - Amendment: Path Control and Reservation (addenda to ANSI/IEEE 802.1Q-2012)

Stakeholders: Users, Vendors, IC developers, administrators, designers, customers, and owners of Provider Backbone Bridged Networks, Carrier Ethernet Networks, Data Center networks, Automotive networks, Industrial networks, Audio/Video and Residential systems requiring optimized bandwidth usage and/or redundancy.

Project Need: There is no control protocol that integrates the required control features. The new control protocol will provide explicit forwarding path control thus enabling the use of non-shortest paths. It will also integrate a tool for bandwidth and stream reservation along the forwarding path. Resiliency control mechanisms will be also provided for the data traffic. In addition, the new standard will support carrying control information using IS-IS for time synchronization and scheduling.

This project extends the application of Intermediate System to Intermediate System (IS-IS) to control bridged networks (beyond the capabilities of Shortest Path Bridging) and specifies additional protocols, procedures and managed objects. The new standard will provide explicit path control, bandwidth and stream reservation, redundancy (protection or restoration) for data flows and distribution of control parameters for time synchronization and scheduling.

BSR/IEEE 802.1Qbz-20XX, IEEE Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks - Amendment: Enhancements to Bridging of 802.11 Media Amendment (addenda to ANSI/IEEE 802.11-2012)

Stakeholders: Vendors, users, administrators, designers, customers, and owners of mixed wireless and wired IEEE 802 networks.

Project Need: There are a large number of new products, including home entertainment systems and industrial control equipment, that have both an IEEE 802.11 wireless station capability and a wired IEEE 802.3 Ethernet capability. IEEE 802.11 has initiated work on 802.11 media operating in the Gbit/sec range. These developments raise a demand for supporting IEEE 802.11 media to the same level as other media supported by bridges, as a medium internal to the network, as well as a medium offering access to the network.

This standard specifies protocols, procedures, and managed objects to allow IEEE 802.11 media to provide internal connections within bridged networks, as well as access to bridged networks.

BSR/IEEE 802.3bp-20XX, IEEE Standard for Ethernet - Amendment: Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over Fewer than Three Twisted Pair Copper Cable (addenda to ANSI/IEEE 802.3-2009)

Stakeholders: Stakeholders identified to date includes but are not limited to: users and producers of systems and components for the automotive, industrial controls, transportation (aircraft and rail) industries.

Project Need: Adoption of Ethernet into new market areas in automotive, industrial controls and automation, transportation (aircraft, railway, and heavy trucks) has generated a need for a 1 Gb/s solution that will operate over fewer than three twisted-pair copper cables over a lower-performance channel as well as other applications, such as carbon-footprint-sensitive applications, that will benefit by a reduction in the number of wire pairs and magnetics.

The scope of this project is to specify additions to and appropriate modifications of IEEE Std 802.3 to add a point-to-point 1 Gb/s Physical Layer (PHY) specifications and management parameters for operation on fewer than three pairs of twisted copper cables.

BSR/IEEE 802.11ak-20XX, IEEE Standard for Information Technology - Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: Enhancements for Transit Links within Bridged Networks (addenda to ANSI/IEEE 802.11-2003)

Stakeholders: Vendors, users, administrators, designers, customers, and owners of mixed IEEE 802.11 wireless and other IEEE 802 networks.

Project Need: IEEE 802.11 has media operating in the gigabit per second range and has standardized security and quality of service improvements. These developments raise a demand for bridging of IEEE 802.11 media with the same bridging services as other media: as media internal to the network as well as media offering access to the network.

This amendment specifies protocols, procedures, and managed objects to enhance the ability of IEEE P802.11 media to provide internal connections as transit links within IEEE Std 802.1Q bridged networks.

BSR/IEEE 802.11aq-20XX, IEEE Standard for Information Technology - Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: Pre-Association Discovery (addenda to ANSI/IEEE 802.11-2003)

Stakeholders: The stakeholders of this standard are the developers and users of the Wireless LAN devices, including service providers, manufacturers, health care workers, retail service providers, and many others.

Project Need: This amendment will provide mechanisms that assist in pre-association discovery of services by addressing the means to advertise their existence and enable delivery of information that describes them. This information about services is to be made available prior to association by stations operating on IEEE 802.11 wireless networks.

This amendment defines modifications to the IEEE 802.11 standard, above the physical layer (PHY), to enable delivery of pre-association Service Discovery information discovery by IEEE 802.11 stations (STAs).

BSR/IEEE 802.15.4q-20XX, IEEE Standard for Local and metropolitan area network - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for an Ultra Low Power Physical Layer (addenda to ANSI/IEEE 802.15.4-2011)

Stakeholders: Chip vendors, equipment manufacturers, wireless sensor application developers and users.

Project Need: Emerging applications in sensor networks demand increasingly small form factor, low-power consumption and low-cost solutions. From a power consumption perspective, this amendment addresses solutions making it possible to achieve a battery life of several years when connected to coin cell batteries and/or making it possible to use harvested energy sources while meeting the targeted data rates and continuing to support the small form factor, low-cost attributes of 802.15.4.

This amendment defines an ultra low power (ULP) physical layer operating in sub 1 GHz and 2.4 GHz license exempt bands supporting typical data rates up to 1 Mbps. This amendment also defines the necessary MAC changes required for supporting the new ULP physical layer. The desired peak power consumption for the PHY should be typically less than 15 mW.

BSR/IEEE 802.16r-20XX, IEEE Standard for Air Interface for Broadband Wireless Access Systems - Amendment for Small Cell Backhaul (SCB) (addenda to ANSI/IEEE 802.16-2009)

Stakeholders: Wireless network operators and potential operators, manufacturers of small cells, manufacturers of fixed wireless products, the WiMAX Forum, the Metro Ethernet Forum, the Small Cell Forum, the NGMN Alliance, and ITU-R Working Party 5D.

Project Need: As the spectral efficiency of wireless links approaches its theoretical limits, and with the data traffic requirements continuing to grow rapidly, cell density and cooperation among base stations must increase in order to further improve network capacity and efficiently manage radio resources. Multi-tier access network architecture consisting of macrocells and a variety of overlaid smaller cells provides an approach towards solving the problem, allowing low cost per bit.

This project will develop an amendment specifying enhancements to the WirelessMAN-OFDMA air interface for effective use in wireless fixed and nomadic Ethernet transport, including small cell backhaul applications, providing core network services to radio access networks. It will focus on backhaul operating in licensed bands below 6 GHz, in which the backhaul radio operates far enough outside the band of the small cells that interference is negligible. It will add 256QAM, 512QAM, and 1024QAM options in both uplink and downlink, with optional 4x4 MIMO in both directions, along with further enhancements that address small cell backhaul efficiency.

BSR/IEEE 802.22.1-20XX, Standard for Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 22.1: Standard to Enable Spectrum Sharing using Advanced Beaconing (revision of ANSI/IEEE 802.22.1-2010)

Stakeholders: Chip and equipment manufacturers, government organizations, Department of Defense personnel, broadcasters, utility companies, wireless internet and data service providers and other entities such as database service providers to which the standard may need to interface.

Project Need: The IEEE 802.22.1-2010 Standard was published in 2010. This standard defines a beaconing specification that enables spectrum sharing between licensed Part 74 (e.g., licensed wireless microphone) systems and the unlicensed Television Band (VHF/ UHF Band) White-Space Devices.

This standard specifies methods for spectrum sharing using advanced beaconing. The beacon specifies a format that facilitates its detection at low Signal to Noise Ratios. It contains information about a system that requires interference protection and is willing to share the spectrum with other systems. The Standard defines Physical Layer (PHY) and Medium Access Control Layer (MAC) for advanced beacon operation in High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF) (3MHz to 862 MHz) and the S-Band (2 GHz - 4 GHz).

BSR/IEEE 2030.101-201x, Guide for Designing a Time Synchronization System for Power Substations (new standard)

Stakeholders: The stakeholders are systems users, substation designers, protection engineers, and automation engineers.

Project Need: With more Substation systems using time for event recording, protection and communication functions, a reliable time synchronization system is needed.

This guide practice covers the design, installation and monitoring of time synchronization systems in power utility substations. This includes time sources such as Global Positioning Satellite (GPS) and time distribution systems such as Inter-Range Instrumentation Group -B (IRIG-B), Network Time Protocol /Simple Network Time Protocol SNTP (NTP/SNTP), and Standard Profile for Use of IEEE Std. 1588 Precision Time Protocol in Power System Applications - IEEE STD C37.238 (TM).

BSR/IEEE 11073-20201-201x, Health informatics - Point-of-care medical device communication - Part 20201: Application profile - Polling mode (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: This standard is needed to provide plug-and-play interoperability for those typically simple medical devices that use polling-type protocols, where a managing system queries the device for all information that is communicated. The profile is much simpler than others, enabling implementations that require less processor and memory resources within the medical device.

This standard defines the service and dynamic models for medical devices that communicate using a polling-type of protocol. This standard builds upon the definitions provided in the Base medical device application profile (MDAP) standard (IEEE 11073-20101), and defines the method for retrieving application-specific data formatted in accordance with the IEEE 11073-10xxx set of standards. It does not define application-specific message content.

BSR/IEEE 11073-20202-201x, Health informatics - Point-of-care medical device communication - Part 20202: Application profile - Baseline asynchronous mode (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: This standard is needed to provide plug-and-play interoperability for those medical devices that use event-driven type protocols. The key benefit of this class of protocol is that the communication bandwidth utilized is only that which is needed. A managing system does not need to unnecessarily "poll" the device for information when it may not be available, thus resulting in more efficient implementations.

This standard defines the service and dynamic models for medical devices that communicate using an event-driven type of protocol, where data updates are communicated automatically by the device when they are available. This standard builds upon the definitions provided in the Base medical device application profile (MDAP) standard (IEEE 11073-20101), and defines the method for retrieving application-specific data formatted in accordance with the IEEE 11073-10xxx set of standards.

BSR/IEEE 11073-20301-201x, Health informatics - Point-of-care medical device communication - Part 20301: Application profile - Optional package, remote control (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: By providing an open standard for remote medical device control service, system and application integration is greatly simplified, and more devices may be externally managed. This enables a wide variety of advanced clinical applications (e.g., automatically adjusting patient-connected devices based on feedback from other devices and algorithmic parameters), and safety systems (e.g., detecting adverse health events and automatically adjusting device parameters).

This standard builds upon the capabilities provided by other application profile standards, namely IEEE 11073-20201, Application Profile - Baseline asynchronous mode, to enable the discovery, configuration, invocation, and monitoring of remote control services. It also leverages objects defined in the IEEE 11073-10201, Domain Information Model, and terminology defined in the IEEE 11073-10101 Nomenclature standard. Both open and closed loop applications are supported. "Remote" includes both device-external but physically local control, as well as control of geographically distant devices.

BSR/IEEE 11073-20401-201x, Health informatics - Point-of-care medical device communication - Part 20401: Application profile - Common networking services (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: There are many different networking technologies that may be used to achieve medical device connectivity; however, there is no commonly agreed-upon set of services and protocol profiles defined for medical device communication. As a result, achieving any level of interoperability using networked medical devices requires significant effort and resources.

Within the framework of IEEE 11073 standards, this standard defines a common, transport neutral set of networking services that enable plug and play interoperability of medical devices. This standards does not address quality of service over radio frequency (RF) wireless network connections.

BSR/IEEE 11073-10301-1-201x, Health informatics - Point-of-care medical device communication - Part 10301-1: Device Specialization - Infusion pump, General (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: There are no standards defining how an infusion pump communicates directly with other systems. All devices use proprietary protocols that must then be brokered using an intermediary to achieve standards-based interoperability. This project shall significantly reduce the burden of integrating infusion pump devices into the healthcare ecosystem, while at the same time greatly increasing their ability to utilize additional information and services for innovative care solutions.

The scope of this standard is medical device communication for patient-connected infusion devices or "pumps". It constrains the general IEEE 11073 terminology and information model standards (IEEE 11073-10101 and 11073-10201, respectively) to specialize their application to infusion devices. Guidance is also provided for the use of IEEE 11073 Application Profile standards (IEEE 11073-20xxx) and Transport Profile standards (IEEE 11073-30xxx) for infusion pump connectivity.

BSR/IEEE 11073-10302-1-201x, Health informatics - Point-of-care medical device communication - Part 10302-1: Device Specialization - Physiologic monitor, General (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: There are no standards defining how a physiologic monitor communicates directly with other systems. All devices use proprietary protocols or non-standard usages of general-purpose protocols that must then be brokered using an intermediary to achieve standards-based interoperability. This project shall significantly reduce the burden of integrating physiologic monitor devices into the healthcare ecosystem, while at the same time greatly increasing their ability to utilize additional information.

The scope of this standard is medical device communication for patient-connected physiologic monitor or "pumps". It constrains the general IEEE 11073 terminology and information model standards (IEEE 11073-10101 and 11073-10201, respectively) to specialize their application to physiologic monitors. Guidance is also provided for the use of IEEE 11073 Application Profile standards (IEEE 11073-20xxx) and Transport Profile standards (IEEE 11073-30xxx) for physiologic monitor connectivity.

BSR/IEEE 11073-10303-1-201x, Health informatics - Point-of-care medical device communication - Part 10303-1: Device Specialization - Ventilator, General (new standard)

Stakeholders: Health care providers, medical device manufacturers, clinical/health technology experts, health informatics professionals, medical device regulators.

Project Need: There are no standards defining how a ventilator communicates directly with other systems. All devices use proprietary protocols or non-standard usages of general-purpose protocols that must then be brokered using an intermediary to achieve standards-based interoperability. This project shall significantly reduce the burden of integrating ventilator devices into the healthcare ecosystem, while at the same time greatly increasing their ability to utilize additional information and services.

The scope of this standard is medical device communication for patient-connected ventilator devices. It constrains the general IEEE 11073 terminology and information model standards (IEEE 11073-10101 and 11073-10201, respectively) to specialize their application to ventilator devices. Guidance is also provided for the use of IEEE 11073 Application Profile standards (IEEE 11073-20xxx) and Transport Profile standards (IEEE 11073-30xxx) for ventilator connectivity.

BSR/IEEE 29119-5-201x, Software and Systems Engineering - Software Testing - Part 5: Keyword-Driven Testing (new standard)
Stakeholders: Software developers (particularly testers), and their managers.

Project Need: This new work item is proposed to develop a new standard on keyword-driven testing.

This International Standard provides an efficient and consistent solution for keyword-driven testing. This standard is applicable for all those who want to create keyword-driven test specifications, create corresponding frameworks, or build test automation based on keywords.

BSR/IEEE C37.20.1-20XX, Standard for Metal-Enclosed Low Voltage (1000Vac and below, 3200Vdc and below) Power Circuit Breaker Switchgear (revision of ANSI/IEEE C37.20.1-2002 (R2008))

Stakeholders: Users, specifiers, manufacturers, owners and operators of metal-enclosed low-voltage (1000Vac and below, 3200Vdc and below) power circuit-breaker switchgear.

Project Need: This is a general technical revision of the document to incorporate C37.20.1a, C37.20.1b and industry-accepted changes into the standard and to provide increased information as relates to use of LV dc switchgear in traction power applications.

This standard covers metal-enclosed low-voltage power circuit breaker switchgear assemblies containing, but not limited to, such devices as low-voltage power circuit breakers (fused or unfused); other interrupting devices; switches, control, instrumentation, and metering; and protective and regulating equipment. This standard is concerned with enclosed, rather than open, indoor and outdoor switchgear assemblies. It includes types of equipment that are part of secondary unit substations.

BSR/IEEE C37.23-20XX, Standard for Metal-Enclosed Bus (revision of ANSI/IEEE C37.23-2003 (R2008))

Stakeholders: Manufacturers, specifiers and users of metal-enclosed bus.

Project Need: Cable Bus will be added to the standard. Cable Bus was removed during the last revision due to time constraints. Flame testing needs to be modified in the manner of the changes being defined by the task group under the C37.20.2 working group.

This standard covers assemblies of metal-enclosed conductors along with associated interconnections, enclosures, and supporting structures. The types of assemblies covered are nonsegregated-phase bus, segregated-phase bus, isolated-phase bus and cable bus. When switches and disconnecting links are included, they shall conform to this standard. This standard encompasses the performance characteristics of indoor and outdoor conductor assemblies with rated maximum operating voltages through 38 kV.

BSR/IEEE C37.41-20XX, Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories (revision of ANSI/IEEE C37.41-2008)

Stakeholders: Electrical utilities, industrial power users, and original equipment manufacturers catering to these markets.

Project Need: It is proposed that existing information in IEEE Std C37.40 "IEEE Standard Service Conditions and Definitions for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories" be combined with that in C37.41 to increase "user friendliness". Also to that end, the document structure will be changed to better separate expulsion fuse testing and current-limiting fuse testing.

This standard specifies design test requirements for high-voltage (above 1000 V) fuses and accessories for use on ac electrical distribution systems. Devices having a rated maximum voltage up to 170 kV are covered.

BSR/IEEE C37.60-20XX, High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV (revision of ANSI/IEEE C37.60-2003)

Stakeholders: The stakeholders include users and manufacturers of switchgear equipment.

Project Need: This is a dual logo standard. The purpose of this project is to consider comments from the last revision project that were "held to the next revisions".

This part of IEC 62271 applies to all overhead, pad mounted, dry vault and submersible single or multi-pole alternating current automatic circuit reclosers and fault interrupters for rated maximum voltages above 1 000 V and up to 38 kV. Devices that require a dependent manual operation are not covered by this standard. In order to simplify this standard where possible, the term recloser/FI (reclosers/FIs) has been substituted for automatic circuit recloser or fault interrupter or both.

BSR/IEEE C37.237-201x, Standard Requirements for Time Tags Created by Intelligent Electronic Devices - COMTAG(TM) (new standard)

Stakeholders: Power system equipment manufacturers will benefit by having a common method, described in an industry-accepted document, by which to generate time tags, saving them the effort of developing their own methodology. Electric utilities will benefit through knowing that time tags generated by equipment from different vendors will be inter-comparable within specified limits. Regulators and independent system operators will benefit by knowing that data collected from different utilities

Project Need: Existing standards allow data to be stored or transmitted with an associated time tag. Examples include IEEE C37.111, COMTRADE, for file storage; and IEC 61850 for substation communications. However, these standards do not typically specify how that time tag is to be determined and which events (physical or virtual) should be captured. A consistent method of time tagging is needed so that records generated with different equipment, using various technological approaches, can be compared easily.

This standard establishes common requirements for associating time tags with data items recorded or transmitted by Intelligent Electronic Devices (IEDs). The standard specifies time-tag attributes and requirements for describing time-tag accuracy and determination.

BSR/IEEE C57.12.60-2009/Cor 1-20XX, IEEE Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers, Including Open-Wound, Solid-Cast, and Resin-Encapsulated Transformers - Corrigendum 1 (addenda to ANSI/IEEE C57.12.60-2009)

Stakeholders: Manufacturers of equipment produced who test to this standard as well as testing laboratories who run this type of testing.

Project Need: This document combined two older standards - C57.12.56 and a prior version of C57.12.60. In so doing, we used language from both. In at least one area (temperature uniformity of aging), we selected the wrong language, making the test difficult to control, as written and approved. This was caught after the successful ballot and testers were implementing the new standard.

Changes to Clause 4.5 - Temperature Aging.

NSF (NSF International)

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

Contact: *Mindy Costello*

Fax: (734) 827-7875

E-mail: mcostello@nsf.org

* BSR/NSF 385-201x (i1r1), Wastewater technology - Disinfection (new standard)

Stakeholders: Industry, public agency (regulators, academic, non-governmental), users.

Project Need: To create a standard addressing disinfection products for wastewater.

This standard takes requirements from ANSI/NSF 46 and with modification and clarification combines them into one standard. It covers performance testing of UV, ozone, and chlorination disinfection devices. Chlorine dispensers will remain in ANSI/NSF 46.

UL (Underwriters Laboratories, Inc.)

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

Contact: *Patricia Sena*

Fax: (919) 549-1636

E-mail: patricia.a.sena@ul.com

BSR/UL 1066A-201X, Standard for Safety for US Naval Commercial Off The Shelf (COTS) Designated Three-Pole Low-Voltage AC Power Circuit Breakers, Drawout-Mounted Type, and Accessories/Functional Components for Use on Non-Nuclear Naval Combatant Ships (new standard)

Stakeholders: US Navy, Manufacturers of US Naval Commercial Off The Shelf (COTS) Designated Three-Pole Low-Voltage AC Power Circuit Breakers, Drawout-Mounted Type, and Accessories/Functional Components for Use on Non-Nuclear Naval Combatant Ships, AHJs.

Project Need: To obtain national recognition of a standard covering US Naval Commercial Off The Shelf (COTS) Designated Three-Pole Low-Voltage AC Power Circuit Breakers, Drawout-Mounted Type, and Accessories/Functional Components for Use on Non-Nuclear Naval Combatant Ships.

These requirements cover three-pole low-voltage AC power circuit breakers, drawout-mounted type, and applicable accessories/functional components intended for use aboard non-nuclear Naval combatant ships in electrical assemblies (such as switchgear, switchboards, and load centers) installed on shock isolators (mounts).

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide 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)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- 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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "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.

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org

AHAM

Association of Home Appliance
Manufacturers
1111 19th Street N.W.
Suite 402
Washington, DC 20036
Phone: (202) 872-5955 x317
Fax: (202) 872-9354
Web: www.aham.org

AHRI

Air-Conditioning, Heating, and
Refrigeration Institute
2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

AIAA

American Institute of Aeronautics and
Astronautics
1801 Alexander Bell Drive, Suite 500
Reston, VA 20191-4344
Phone: 703-264-7546
Web: www.aiaa.org

AMCI

AMC Institute
700 N. Fairfax Street, Suite 510
Alexandria, VA 22314
Phone: (856) 423-6227
Fax: (581) 527-3105
Web: www.amcinstitute.org

ANS

American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526-5592
Phone: (708) 579-8269
Fax: (708) 579-8248
Web: www.ans.org

APA

APA - The Engineered Wood
Association
7011 South 19th Street
Tacoma, WA 98466
Phone: (253) 620-7467
Fax: (253) 565-7265
Web: www.apawood.org

API

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8135
Fax: (202) 962-4797
Web: www.api.org

APSP

Association of Pool and Spa
Professionals
2111 Eisenhower Avenue
Alexandria, VA 22314
Phone: (703) 838-0083 x150
Fax: (703) 549-0493
Web: www.apsp.org

ASA (ASC S12)

Acoustical Society of America
35 Pinelawn Road, Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: acousticalsociety.org

ASABE

American Society of Agricultural and
Biological Engineers
2950 Niles Road
St. Joseph, MI 49085-9659
Phone: (269) 932-7031
Fax: (269) 429-3852
Web: www.asabe.org

ASCE

American Society of Civil Engineers
1801 Alexander Bell Drive
Reston, VA 20191
Phone: (703) 295-6076
Fax: (703) 285-6361
Web: www.asce.org

ASHRAE

American Society of Heating,
Refrigerating and Air-Conditioning
Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.org

ASME

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

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

ATIS

Alliance for Telecommunications
Industry Solutions
1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWWA

American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-6303
Web: www.awwa.org

CGA

Compressed Gas Association
14501 George Carter Way, Suite 103
Chantilly, VA 20151
Phone: (703) 788-2728
Fax: (703) 961-1831
Web: www.cganet.com/

CSA

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

CSAA

Central Station Alarm Association
c/o Wayne Alarm Systems
424 Essex Street
Lynn, MA 01902
Phone: (781) 595-0000
Fax: (781) 595-2500
Web: www.csaaul.org

CSAA (Organization)

Central Station Alarm Association
8150 Leesburg Pike, Suite 700
Vienna, VA 22182
Phone: (703) 242-4670
Fax: (703) 242-4675
Web: www.csaaul.org

ECA

Electronic Components Association
2214 Rock Hill Road, Suite 170
Herndon, VA 20170
Phone: (571) 323-0253
Fax: (571) 323-0245
Web: www.eciaonline.org

EOS/ESD

ESD Association, Inc.
7900 Turin Road
Building 3
Rome, NY 13440-2069
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

IEEE

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

IICRC

the Institute of Inspection, Cleaning
and Restoration Certification

2715 E. Mill Plain Boulevard
The Clean Trust Headquarters
Vancouver, WA 98661
Phone: (360) 693-5675, extn: 3223
Fax: (360) 693-4858
Web: www.thecleantrust.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards
1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

NCSL (ASC Z540)

National Conference of Standards
Laboratories
2995 Wilderness Place
Suite 107
Boulder, CO 80301-5404
Phone: (303) 440-3339
Fax: (303) 440-3384
Web: www.ncsli.org

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

NEMA (Canvass)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3285
Fax: (703) 841-3385
Web: www.nema.org

NFPA

National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269-9101
Phone: (617) 984-7248
Fax: (617) 770-3500
Web: www.nfpa.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

PLASA

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

SCTE

Society of Cable Telecommunications
Engineers
140 Phillips Road
Exton, PA 19341
Phone: (610) 594-7316
Fax: (610) 363-5898
Web: www.scte.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road, Suite
200
Suite 300
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3411
Fax: (847) 664-3411
Web: www.ul.com/



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 16779, Sensory analysis - Assessment (determination and verification) of the shelf life of foodstuffs - 4/30/2013

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 16691, Space systems - Thermal Control Coatings for satellites and spacecraft - General requirements - 4/26/2013

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

ISO/DIS 23551-6, Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 6: Thermoelectric flame supervision controls - 4/22/2013, \$77.00

CRYOGENIC VESSELS (TC 220)

ISO/DIS 21029-2, Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1 000 litres volume - Part 2: Operational requirements - 4/24/2013, \$62.00

FRAUD COUNTERMEASURES AND CONTROLS (TC 247)

ISO/DIS 34001, Security Management System - 4/26/2013

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 11663, Quality of dialysis fluid for haemodialysis and related therapies - 4/23/2013, \$71.00

ISO/DIS 13958, Concentrates for haemodialysis or haemodiafiltration - 12/12/2017, \$88.00

ISO/DIS 13959, Water for haemodialysis or haemodiafiltration - Requirements - 12/12/2017, \$67.00

ISO/DIS 23500, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - 4/23/2013, \$155.00

ISO/DIS 26722, Water treatment equipment for haemodialysis applications and related therapies - 4/23/2013, \$98.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 25577, Information and documentation - MarcXchange - 4/29/2013, \$67.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 11665-10, Measurement of radioactivity in the environment - Air: radon-222 - Part 10: Determination of diffusion coefficient in waterproof materials using activity concentration measurement - 4/29/2013

PLASTICS (TC 61)

ISO/DIS 15028, Plastics - Aromatic isocyanates for use in the production of polyurethanes - Determination of hydrolysable chlorine - 4/30/2013, \$33.00

ISO/DIS 25761, Plastics - Polyols for use in the production of polyurethanes - Determination of basicity (total amine value), expressed as percent nitrogen - 4/30/2013, \$46.00

ROAD VEHICLES (TC 22)

ISO/DIS 8820-3, Road vehicles - Fuse-links - Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high current), Type F (miniature) and Type L (Kompact - high current miniature) - 4/22/2013, \$71.00

ISO/DIS 11452-8, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields - 5/1/2013, \$71.00

ISO/DIS 12405-3, Electrically propelled road vehicles - Test specification for Lithium-ion traction battery packs and systems - Part 3: Safety performance requirements - 4/23/2013

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 18421, Inland navigation vessels - Lifebuoy housing -
4/22/2013

ISO/DIS 18422, Inland navigation vessels - Plate with instructions for
rescue, resuscitation and first aid for drowning persons - 4/22/2013

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 7176-22, Wheelchairs - Part 22: Set-up procedures -
4/26/2013, \$58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmD3, Information technology - Generic coding of
moving pictures and associated audio information: Systems -
Amendment 3: Transport of HEVC video over MPEG-2 systems -
4/22/2013, \$53.00

ISO/IEC DIS 25051, Software engineering - Software product Quality
Requirements and Evaluation (SQuaRE) - Requirements for quality
of Commercial Off-The-Shelf (COTS) software product and
instructions for testing - 4/23/2013, \$98.00

ISO/IEC DIS 23005-7, Information technology - Media context and
control - Part 7: Conformance and reference software - 4/25/2013,
\$119.00

ISO/IEC CD 23009-2, Information technology - Dynamic adaptive
streaming over HTTP (DASH) - Part 2: Conformance and reference
software - 4/23/2013

ISO/IEC DIS 14776-251, Information technology - Small computer
system interface (SCSI) - Part 251: USB attached SCSI (UAS) -
4/24/2013, \$119.00



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>).

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC 60601-1-8/Amd1:2012, Medical electrical equipment -- Part 1-8: General requirements for basic safety and essential performance -- Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems - Amendment 1, \$20.00

EARTH-MOVING MACHINERY (TC 127)

ISO 6747:2013, Earth-moving machinery - Dozers - Terminology and commercial specifications, \$150.00

FASTENERS (TC 2)

ISO 898-1:2013, Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs with specified property classes - Coarse thread and fine pitch thread, \$192.00

HEALTH INFORMATICS (TC 215)

IEC/TR 80001-2-1:2012, Application of risk management for IT-networks incorporating medical devices - Part 2-1: Step by Step Risk Management of Medical IT-Networks; Practical Applications and Examples, FREE

PAPER, BOARD AND PULPS (TC 6)

ISO 11093-8/Cor1:2013, Application of risk management for IT-networks incorporating medical devices - Part 2-1: Step by Step Risk Management of Medical IT-Networks; Practical Applications and Examples - Corrigendum, FREE

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 16145-4:2013, Ships and marine technology - Protective coatings and inspection method - Part 4: Automated measuring method for the total amount of water-soluble salts, \$60.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 22274:2013, Systems to manage terminology, knowledge and content - Concept-related aspects for developing and internationalizing classification systems, \$192.00

ISO Technical Reports

ROAD VEHICLES (TC 22)

ISO/TR 13330:2013, Road vehicles - Calculation processes for the neck injury criteria in rear impact, \$120.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/TS 22002-2:2013, Prerequisite programmes on food safety - Part 2: Catering, \$112.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 18234-3:2013, Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format - Part 3: Service and network information (TPEG1-SNI), \$157.00

ISO/TS 18234-11:2013, Intelligent transport systems - Traffic and Travel Information (TTI) via transport protocol experts group, generation 1 (TPEG1) binary data format - Part 11: Location Referencing Container (TPEG1-LRC), \$181.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15897/Cor1:2013, Information technology - User interfaces - Procedures for the registration of cultural elements - Corrigendum, FREE

ISO/IEC 18000-6:2013, Information technology - Radio frequency identification for item management - Part 6: Parameters for air interface communications at 860 MHz to 960 MHz General, \$80.00

ISO/IEC 18000-63:2013, Information technology - Radio frequency identification for item management - Part 63: Parameters for air interface communications at 860 MHz to 960 MHz Type C, \$285.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

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

PUBLIC REVIEW

Ehds 01 11 2001

Public Review: November 30, 2012 to February 27, 2013

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Building Performance Institute, Inc. (BPI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Building Performance Institute, Inc. (BPI), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on BPI-sponsored American National Standards, effective January 23, 2013. For additional information, please contact: Ms. Susan Carson, Standards Manager, Building Performance Institute, Inc., 107 Hermes Road, Suite 110, Malta, NY 12020; phone: 866.777.1274; e-mail: scarson@bpi.org.

Reaccreditation

National Information Standards Organization (NISO)

Comment Deadline: February 25, 2013

The National Information Standards Organization (NISO), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on NISO-sponsored American National Standards, under which it was last reaccredited in 2009. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Nettie Lagace, Associate Director for Programs, National Information Standards Organization, 3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211; phone: 617.863.0501; e-mail: nlagace@niso.org. You may view/download a copy of the revisions during the public review period at the following URL: <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to NISO by February 25, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation

Solar Rating & Certification Corporation (SRCC)

Comment Deadline: February 25, 2013

Mr. Jim Huggins - Technical Director
Solar Rating & Certification Corporation (SRCC)
 400 High Point Drive, Suite 400
 Cocoa, FL 32926-6630
 Tel: 321-213-6037
 Fax: 321-821-0910
 E-mail: jhuggins@solar-rating.org
 Web: www.solar-rating.org

On January 18, 2013, BM TRADA Certification North America, Inc. was approved for ANSI Initial Accreditation for the following scopes:

Scopes:

Solar Thermal (glazed, unglazed, and concentrating)
Collectors

Solar Thermal Water Heating Systems

Please send your comments by February 25, 2013 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Change in Administration

ISO/TC 67/SC 4 – Drilling and production equipment

The American Petroleum Institute (API) has officially informed ANSI of its interest in relinquishing its administration of the following ISO committee secretariat on behalf of ANSI:

- ISO/TC 67/SC 4 (Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries - Drilling and production equipment).

Following consultations with relevant US stakeholders, NACE International has expressed interest in assuming the administration of this secretariat on behalf of ANSI, and NACE International has signed the appropriate Memorandum of Agreement with ANSI to this effect.

Any questions or concerns can be directed to ANSI's ISO Team at isot@ansi.org.

New Work Item Proposal

Guidelines for Promoting the Assimilation of Management Standards

Comment Deadline: February 22, 2013

SII (Israel) has submitted to ISO a new work item proposal on Guidelines for promoting the assimilation of management standards with the following scope statement:

This Standard brings provides guidelines for the promotion of assimilation of management Standards in organizations. The guidelines offer a process of promoting assimilation on a national level and on the branch sector level, and specifies the ways of realization of this process.

These guidelines are not mandatory requirements, however they are intended to assist in the promotion of the assimilation of management standards in organizations. This Standard is applicable for all types of management standards since it has an all-inclusive approach and is universal in its essence.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 22, 2013.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO/TC 267 – Facilities Management

Comment Deadline: February 25, 2013

The American National Standards Institute (ANSI), with technical and financial support from the International Facility Management Association (IFMA), has submitted an Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO/TC 267, Facilities Management, and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Jason Knopes, Sr. Manager, ISO Outreach & Enhanced Services, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 646.460.7897; e-mail: jknopes@ansi.org. Please forward any comments on this application to ANSI, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (fax: 212.840-2298; e-mail: jthompson@ansi.org) by February 25, 2013.

Meeting Notices

Repair of Laminated Auto Glass Standards (ROLAGS) Committee

Tuesday, February 26, 2013

2:00 p.m. – 5:00 p.m.

Marriott Coronado Resort and Spa, San Diego, CA

Contact Debra Levy: deb@glass.com or 540-602-3282.

Auto Glass Safety Council – Auto Glass Replacement Safety Standard Committee

Thursday, February 28, 2013

11:00 a.m. – 2:00 p.m.

Marriott Coronado Resort and Spa, San Diego, CA

Contact Debra Levy: deb@glass.com or 540-602-3282.

Information Concerning

Meeting Notice

ADA Standards Committees to meet in February and March

The ADA Standards Committees and the U.S. Technical Advisory Group (TAG) for the International Organization for Standardization Technical Committee (ISO/TC) 106 Dentistry will meet in February and March.

The ADA Standards Committee on Dental Informatics (SCDI) will meet in Chicago, Feb. 18-20 at ADA Headquarters. The meeting takes place prior to the start of the Chicago Midwinter meeting. Here are details:

- Feb. 18—At noon, there will be a joint meeting with Digital Imaging and Communications in Medicine (DICOM) Working Group 22-Dentistry and SCDI Working Group 12.1-Digital Imaging.
- Feb. 19—SCDI working groups will meet.
- Feb. 20—The Integrating the Healthcare Enterprise (IHE) Dental Domain will meet at 9 a.m., followed by the SCDI Plenary session at 1:30 p.m.

For further information on the ADA SCDI meeting, please contact Paul Bralower at 1-800-621-8099, Ext. 4129 or e-mail bralowerp@ada.org.

The ADA Standards Committee on Dental Products (SCDP) and the U.S. TAG for ISO/TC 106 Dentistry will meet March 18-20 in Seattle at the Washington State Convention Center, 800 Convention Place, Seattle, WA, 98101. The meeting takes place prior to the start of the International Association for Dental Research/American Association for Dental Research/Canadian Association for Dental Research (IADR/AADR/CADR) General Session. Here are details:

- March 18—An Opening Plenary, combined SCDP Subcommittee/U.S. Sub-TAG Meetings and a new member orientation will take place. Following the meetings will be the annual reception in the evening.
- March 19—The SCDP Plenary Session will take place in the morning followed by SCDP Working Group meetings in the afternoon.
- March 20—SCDP Working Group meetings will be held in the morning. Also, capping off the meeting this year will be a symposium on the Relevancy of In Vitro Testing in Predicting Clinical Behavior from 1-3 p.m. This symposium is open to all.

Hotel reservations must be made through aadronline.org, the website of the American Association for Dental Research (AADR), to qualify participants for discounted meeting rates. Although there is no charge, registration is required to attend any of the SCDP/U.S. TAG meetings and events. Please contact Kathy Medic at 1-800-621-8099, Ext. 2533 or e-mail medick@ada.org for registration information.

The ADA is accredited by the American National Standards Institute (ANSI) to develop American National Standards for products and information technology used by the dental profession and by consumers. Currently there are more than 90 national standards and more are under development. National standards developed by ADA serve the dental profession by ensuring product safety and efficacy for both clinician and patient and by providing information on new and emerging technologies.

American National Standard

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. This American National Standard is intended as a guide to aid the service provider, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone whether approving the Standard or not, from using processes not conforming to the Standard. American National Standards are subject to periodic review and users are cautioned to obtain the latest editions.

CAUTION NOTICE: This American National Standard is permitted to be revised or withdrawn at any time. The procedures of the American National Standards Institute require that an action be taken to reaffirm, revise, or withdraw this Standard no later than five years from the date of publication. Purchasers of American National Standards receive current information on all Standards by calling or writing the American National Standards Institute.

Published by:
AMC Institute

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Recent revision DecemberFebruary 2012

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Printed in the USA

This AMC Standard was developed by AMC Institute. The American National Standards Institute (ANSI) recognized AMC Institute as the AMC Standard Developer on March 28, 2000. ANSI approved the AMC Institute AMC Standard in April 2002 and re-approved the revised AMC Institute AMC Standard in May 2008.

Foreword

(This Foreword is not a Part of ANSI/AMCI A100.1-2002)

Members of AMC Institute have developed a Standard of Good Practices for the Association Management Company industry. The purpose of this Standard is two-fold: (1) to collectively enhance management practices across Association Management Companies (AMCs) and (2) to assist AMCs in the establishment of internal quality service systems.

AMCs that conform to the Standard communicate to present and prospective association clients, as well as the marketplace at large, a commitment and ability to deliver the highest quality of services to clients as demonstrated in their performance, policies, and procedures.

Further, AMC Institute offers an AMC Accreditation Program closely linked to this Standard. AMCs that can demonstrate the adoption and good use of internal quality service systems, from policy statements to clearly outlined performance requirements and procedures, are eligible to apply for AMC Institute Accreditation.

AMC Institute will take into consideration the request for appropriate revisions to this Standard. Requested changes will be vetted through the AMC Institute Standard Advisory Task Force and through a public review process as per AMC Institute's Standard Procedures and ANSI's Essential Requirement Procedures. AMC Institute's Standard Advisory Task Force will also review any requests for interpretations or appeals related to the Standard.

The first two sections (Scope and Definitions) are meant as background information to serve as a guide for sections 3 through 13.

1. Scope

- 1.1 This Standard establishes requirements that provide a measurement for practices that are utilized by all sizes and types of Association Management Companies (AMCs) in order to enhance the performance of the AMC and its staff.
- 1.2 This Standard establishes requirements that each individual AMC is permitted to use to create its own measurables. An AMC's compliance with this Standard will depend on its adoption and implementation of its own definitions, procedures, and policies as they relate to each element in this Standard.

2. Definitions

- 2.1 Association Management Company (AMC): A for-profit professional service company that manages two or more associations, societies, foundations, or other types of organizations.
- 2.2 Client Team: Employees of an AMC who work together with a particular client or clients.
- 2.3 Performance Policy Statement: A compilation of documents adopted by an AMC containing the procedures it has in place, which will cause it to be in conformance with this Standard.
- 2.4 Performance Service Systems are internal processes (described in sections 3 through 12 of this document) that must be developed, documented, and operational implemented by an AMC. When these systems are in place, an AMC:
 - 2.4.1 Ensures that a client's needs are identified and the services to be provided by the AMC are agreed upon by the AMC and the client;
 - 2.4.2 Requires regular feedback from clients;
 - 2.4.3 Provides ~~for understanding and~~ a prompt response to clients' needs and reasonable requests;
 - 2.4.4 ~~Supports~~ Establishes a staff personnel training and development program;
 - 2.4.5 Fosters an organizational culture embracing professional performance attributes; and
 - 2.4.6 Controls costs, improves efficiency, and promotes prompt performance of quality services to the client.

3. Client Contracts: Review Procedures and Requirements

- 3.1 AMCs shall maintain written agreements with their clients. ~~whenever feasible.~~
- 3.2 AMCs shall adopt client contract review procedures, which shall ensure that all contractual requirements are acceptable to the client and the AMC before the AMC agrees to provide services to the client. This includes written service commitments ensuring that service and service delivery processes meet the client's needs and expectations.
- 3.3 AMCs shall adopt and document internal procedures to coordinate the periodic review of client contracts and their amendments.
- 3.4 AMCs shall adopt procedures specifying how client contracts are amended and ensuring that changes in the contract are communicated through the AMC organization.
- 3.5 AMCs shall establish transition procedures that at a minimum include the following:
 - 3.5.1 A Time Table to include the closing or transferring of all accounts, shipment of client materials, in an organized manner, with clearly marked files and notification to members.
 - 3.5.2 A list of clearly defined responsibilities ~~for~~ of current management ~~AMC~~, volunteer leaders and new management.
 - 3.5.3 Disclosed ~~Established procedures as well as~~ fees and charges for agreed upon services that may be rendered during the transition and following termination.
 - ~~3.5.4 A process and timeline for the shipment of materials in an organized manner, with clearly marked files.~~
 - 3.5.5 The methodology to be used for timely notification to all vendors of management change.
 - 3.5.6 An outside independent CPA shall conduct an independent verification (audit or agreed upon procedure engagement) immediately prior to or immediately after the transfer of financial responsibilities; or if no audit or asset and liability verification is authorized by the Board, a written release that they will accept financial records as transferred will be obtained.
~~Either immediately prior to, or immediately after the transfer of financial responsibilities to new management, there should be an agreed upon procedures~~

~~engagement, or similar engagement, with an outside CPA to verify the value and existence of the assets, and liabilities transfer to the new management. If no procedures are authorized, a release in writing from the client Board that they will accept the financial records as transferred.~~

~~An outside audit by a CPA of the financial records immediately after the transfer of financial responsibilities; or, if no audit is authorized, a release in writing from the client Board that they will accept the financial records as transferred.~~

- 3.6 AMCs shall address in their contracts the respective intellectual property rights (e.g. copyright, trademark, patents) of the client and the AMC, including with respect to:
 - 3.6.1 ~~Materials and software systems~~ developed and customized ~~specially~~ specifically for the client.
 - 3.6.2 ~~Pre-existing m~~Materials and software systems of the AMC adapted for use with the client.

4. Servicing the Clients and Service Delivery Procedures

- 4.1 AMCs shall establish service policies and service delivery systems that include the following characteristics.
 - 4.1.1 Quantity and types of services to be provided;
 - 4.1.2 Competence and knowledge of staff servicing the client;
 - 4.1.3 Service accessibility and availability;
 - 4.1.4 Service speed and accuracy;
 - 4.1.5 Ability to increase and expand services for the client with appropriate staff;
 - 4.1.6 ~~Ensure Assurance~~ that the client is the focal point of the policy;
 - 4.1.7 ~~Emphasize Emphasis on~~ the importance of customer satisfaction;
 - 4.1.8 ~~Provide Provision of~~ an internal communication policy that emphasizes performance of service;
 - 4.1.9 ~~Measure the performance~~ Performance measurement of the service and service delivery processes against established objectives;
 - 4.1.10 ~~Establish m~~Methods to improve performance.
- 4.2 AMCs shall establish responsibilities owed to the client and assign authority to staff for implementation.
- 4.3 AMCs shall establish a system of internal communication including, as appropriate, briefings, meetings, memos, email, reports, and telephone conversations with staff on the client team.
- 4.4 AMCs shall establish a system of communication with clients including staff communication and interaction, reaction to client expectations and comments, and information about the AMC and the services being provided.
- 4.5 AMCs shall establish procedures to correct or prevent failures to perform as they are identified by the client or the AMC.
- 4.6 AMCs shall establish ~~service~~ policies and procedures for advising ~~and assisting existing clients in the protection of their intellectual property (e.g. copyright, trademark, patents).~~ including at a minimum:
 - 4.6.1 ~~Guidelines for identifying and managing key intellectual property assets;~~
 - 4.6.2 ~~Methods for securing ownership transfer or licensing commitments from members participating in the preparation of client association offerings, as well as from authors, presenters, and other persons; and~~
 - 4.6.3 ~~Guidance and assistance regarding the advisability of federal trademark and copyright registration.~~
- 4.7 AMCs shall evaluate and develop an internal policy and client policies for the use of social media appropriate to the size and needs of its clients.
- 5. ~~Project (Service) Completion, Reviews, and Post Contractual Procedures~~ Evaluation of Services
 - 5.1 AMCs shall adopt methods for clients to use to evaluate the performance of AMC services, including methods for measuring client satisfaction.
 - 5.2 AMCs shall adopt an internal measuring system that evaluates service performance. ~~and provides a basis for identifying areas where performance needs improvement, continuation of discontinuation.~~
- 6. Financial Management and Internal Controls
 - 6.1 AMCs shall establish procedures that ensure that the most recent year-end financial statements ~~for each client~~ present fairly, in all material respects, the financial position and changes in net

assets, and that cash flows at year-end are in conformity with generally accepted accounting principles (GAAP) ~~or other comprehensive basis of accounting (OCBOA)~~ as determined by the American Institute of Certified Public Accountants or corresponding organization for internationally based AMCs, unless authorized in writing by the client.

- 6.2 AMCs shall establish procedures that ensure financial control and reporting systems, which conform to ~~generally accepted accounting principles (GAAP) or other comprehensive basis of accounting (OCBOA)~~, are in place and utilized as appropriate.
- 6.3 AMCs shall adopt a written policy that prohibits co-mingling of any and all client assets with AMC or any other client assets.
- 6.4 AMCs shall adopt written policies and procedures to protect the privacy and integrity of client's proceedings, records, and data.
- 6.5 AMCs shall adopt policies to ensure disclosure to clients of all income received from commissions, finders' fees, and other sources directly attributable or related to such clients.
- 6.6 AMCs shall propose to Client Boards the need for an outside independent review or audit of all financial transactions and records by a qualified third party (CPA or non-US equivalent). The recommendation ~~shall should~~ be noted in the Board's formal minutes. ~~If the Board approves the audit, it will be paid for by the Client.~~
- 6.7 AMCs shall propose to Client Boards the need for General Liability and Association Professional Liability Insurance (APLI) Policies; if declined, this fact shall be recorded in the Board's formal minutes, a release in writing from the client Board indicating that they declined to pay for this insurance coverage shall be executed.
- ~~6.8 AMCs should perform due diligence relative to PCI compliance related to the scope and scale of their business and that of their clients.~~

7. Insurance Coverage

- 7.1 AMCs shall have in place a comprehensive insurance program that provides the following minimum coverage where such coverage is available in the ~~legal jurisdiction state or country~~ where the AMC has its headquarters.

Minimum Amount or Recommendation for AMC to determine amount based on the suggested criteria.

7.1.1	Commercial General Liability	\$1,000,000
7.1.2	Property (including property in transit)	Full value of property
7.1.3	Valuable Papers	Full value to reconstruct
7.1.4	Employee Dishonesty	For both AMC and client property and funds
7.1.5	Money and Securities	For both the AMC and client funds , maximum amount of cash on hand, including convention receipts
7.1.6	Computer Equipment and Data	Full value of equipment and reconstruction of data
7.1.7	Non-Owned and Hired Auto Liability	\$1,000,000
7.1.8	Worker's Compensation	Minimum amount based on each state's regulations
7.1.9	Errors and Omissions	\$1,000,000

8. Employee Recruitment and Selection

- 8.1 AMCs shall adopt a procedure for creating, reviewing, and updating employee job descriptions. ~~and shall adopt procedures for interviewing and assessing candidates for positions within the AMC.~~
- 8.2 ~~AMCs shall adopt procedures for interviewing and assessing candidates for positions within the AMC. AMCs shall adopt a procedure for exit interviews and personal assessments from departing employees.~~
- 8.3 AMCs shall adopt a procedure for exit interviews with departing employees.

9. Employee Training and Professional Development Procedures

- 9.1 AMCs shall adopt an evaluation procedure for all employees covering competencies, performance assessment, and professional development.
- 9.2 AMCs shall provide periodic ~~internal~~ training ~~and/or external professional development~~ in the following areas:
 - 9.2.1 Process monitoring and control;

- 9.2.2 Data collection and analysis;
- 9.2.3 Performance improvement and corrective action;
- 9.2.4 Teamwork, interaction, and communications.

10. Subcontracting and Purchasing Requirements

- 10.1 AMCs shall adopt procedures to ensure that due diligence is exercised when purchasing products or services for clients and that they meet all service requirements.
- 10.2 AMCs shall adopt procedures to ensure that due diligence is exercised when preparing purchase or service orders and bid/quote documents for clients.
- 10.3 AMCs shall adopt procedures that permit the AMC or clients to verify acceptability of products or services purchased.
- 10.4 AMCs shall adopt procedures for evaluating the hiring of subcontractors, including the following:
 - 10.4.1 The subcontractor's service procedures and facilities;
 - 10.4.2 Samples of the subcontractor's products or services;
 - 10.4.3 Experience other companies have had with the subcontractor.
- 10.5 AMCs shall adopt procedures to track and record the ~~identity and~~ use of products and services provided by subcontractors and used by the AMC to service clients.
- 10.6 AMCs shall disclose conflicts of interests when contracting or making a purchase for the benefit of the client from related entities (e.g. partnerships, subsidiaries, family members, etc.).

11. Record Keeping Requirements

- 11.1 AMCs shall adopt a records retention policy that identifies and defines the information and records that are to be retained (electronic and hard copy). ~~and identifies what property, files, data, and materials are the property of the client.~~
- 11.2 AMCs shall adopt procedures to maintain and control a record-keeping system to:
 - 11.2.1 Collect and record information (create records);
 - 11.2.2 File, index, store, and maintain records;
 - 11.2.3 Remove, archive, or destroy old records on a predetermined time basis;
 - 11.2.4 Prevent records from being altered without approval of a designated authority;
 - 11.2.5 Safeguard records from damage or deterioration;
 - 11.2.6 Protect records from unauthorized access.
- 11.3 AMC's shall adopt a business continuity plan that will include at a minimum.
 - 11.3.1 Procedures for the management of electronic back-up of software and electronic records;
 - 11.3.2 Communications to inform staff, members, vendors, etc. about the recovery plan
 - 11.3.3 Building evacuation plan;
 - 11.3.4 Options for temporary facility in the event current office(s) is (are) not available.

12. Internal Quality Control ~~Audit~~ Procedural Requirements

- 12.1 AMCs shall adopt a schedule of periodic ongoing internal audit ~~audit~~ quality control verification procedures to ensure that:
 - 12.1.1 Determine whether performance complies with the AMCs written plans, procedures, and programs;
 - 12.1.2 ~~Verifies~~ **Validate** the effectiveness of the AMCs corrective actions.
 - 12.1.3 ~~Audit~~ **Confirm** activities are appropriately planned;
 - 12.1.4 **Ensure** internal ~~auditors~~ **reviewers** are independent of the procedures and people being ~~audited~~ reviewed and external auditors are recognized independent entities;
 - 12.1.5 **Demonstrate** ~~Audit~~ **quality control** results, corrective actions, and corrective action results and consequences are appropriately recorded;
 - 12.1.6 ~~Audit~~ **Verify** **quality control** conclusions are discussed with the people whose activities and results are being ~~audited~~ reviewed, and deficiencies are corrected;
 - 12.1.7 **Affirm** copies of the ~~audit~~ **quality control** reports are kept on file for future reference in accordance with the records retention policy, but for not less than four years.



Acoustical Society of America

OFFICE OF THE
STANDARDS SECRETARIAT

Susan Blaeser
Standards Manager

35 Pinelawn Road, Suite 114 E, Melville, NY 11747

Telephone (631) 390-0215
Fax (631) 390-0217
E-mail asastds@aip.org

Proposed changes in BSR/ASA S12.9-201x/Part 1 Quantities and Procedures for Description and Measurement of Environmental Sound - Part 1: Basic Quantities and Definitions

This draft will be recirculated to ASC S12, Noise, for approval with the following technical and editorial changes. Changes are indicated in red with additions indicated by underlining and deletions indicated by ~~striketrough~~. Unmarked text is provided for context only.

Introduction

This standard describes basic quantities and general procedures for assessment of sound with respect to community response. Research on the ways in which people and communities are affected by common everyday noises in the environment has led to a variety of measures for assessment of different types of noise. The variety of measures has introduced some confusion about the relationship among the measures and their applicability for specific purposes. This standard defines consistent measures for physical quantities that may be used to measure and assess environmental sound.

Time-average A-weighted sound level is adopted in this standard as a basic quantity for all community sound except high-energy impulsive sound. A C-weighted sound exposure level is used to describe high-energy impulsive sounds such as blasts or sonic boom, and it may be used to describe other low-frequency sound sources such as industrial processes, transportation sources and electric power generating facilities. The Annex provides information concerning some of the basic quantities that have been used to describe certain environmental sounds.

2 Normative References

(Additions & corrections only)

ANSI S1.4-1983 (R 2006) American National Standard Specification for Sound Level Meters

ANSI S1.4A-1985 (R 2006), Amendment to American National Standard Specification for Sound Level Meters

ANSI/ASA S12.9-2005/Part 4 (R 2012) American National Standard Quantities and Procedures for Description and Measurement of Environmental Sound, Part 4: Noise Assessment and Prediction of Long-term Community Response

IEC 60942 Ed. 3.0 b:2003 Electroacoustics - Sound calibrators

4.1.3. Data-logging devices

A variety of data-logging (data-sampling) devices may be used to obtain periodic samples of exponential-time-weighted or time-average sound level at sampling rates that meet or exceed those in 3.1.11 or 3.1.12 for percentile level or time above. The instrument shall meet the acoustical and electrical performance requirements of IEC 61672-1:2002 or ANSI S1.4A-1985, as appropriate. The type designation shall be specified. The discrete sound level "bins" of a statistical distribution analyzer shall be not larger than 5 dB.

Instrumentation described in 4.1.1 is preferred for measuring noise having impulsive, fluctuating, or cyclic character.

Instrument control settings should be set so that the dynamic range is large enough and the inherent electrical noise is low enough for the intended application.

The C-frequency weighting and instrumentation described in 4.1.1 ~~shall~~ ~~should~~ be used for large amplitude impulsive sounds (see ANSI S12.7-1986 (R 2006)), and may be used in evaluating and describing the sound from other low-frequency noise sources such as industrial, transportation, or electric power generation facilities.

NOTE Procedures for determining time-average sound level using conventional sound level meters and other non-integrating instruments are described in ANSI/ASA S1.13-2005 (R 2010).

4.2.1 General

All instruments shall be calibrated in accordance with the manufacturer's instructions. ~~Calibration time intervals shall be no greater than those recommended by the manufacturer or as prescribed by authorities responsible for the use of the measurement results. For guidance on calibration intervals, consult ILAC-G24 / OIML D 10, Edition 2007 "Guidelines for the determination of calibration intervals of measuring instruments. (See Bibliography [1].)~~

4.2.3. Calibrators

An acoustical calibrator for determining or checking the acoustical sensitivity of a sound-measurement system ~~shall produce the calibrated sound pressure level in the coupler of the cavity within ± 0.4 dB when used with a type M laboratory standard microphone under the reference atmospheric conditions of 101.3 kPa, 20 degrees Celsius, and 65 percent relative humidity (see ANSI/ASA S1.40-2006 (R 2011)). Appropriate adjustments shall be included for microphones other than type M and for environmental conditions other than the reference atmospheric conditions meet the corresponding Class or Type for precision of sound measuring system found in either ANSI/ASA S1.40-2006 (R 2011) or IEC 60942:2003.~~

A.3 Long-term environments

Day-night average sound level may be used to describe long-term environments for purposes of community noise assessment and land use planning. Time-average sound level over specified hours may also be used for this purpose. Time above and percentile levels mainly have been used in the past to describe airport noise and vehicular noise, respectively. However, time-integrated quantities such as day-night average sound level and time-average sound level are preferred.

A.4 Special sound measurement situations

For certain specific applications, such as communications disruption in classrooms or resource management in protected natural areas, specific quantities such as time above may be appropriate either alone or in conjunction with another quantity such as time-average sound level.

BIBLIOGRAPHY

- [1] ILAC-G24 / OIML D 10, Edition 2007 "Guidelines for the determination of calibration intervals of measuring instruments". https://www.ilac.org/documents/ILAC_G24_2007.pdf

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Sustainability Assessment for Carpet

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2 Normative references and tools

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. **The most recent published edition of the document shall be used for undated references.**

Reason: This clarifies that all undated references should defer to the most recent version.

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6.3.3.1 Inventory of air, water and waste (media) pollutants

A manufacturer shall receive four points for reporting **their baseline year which shall be no older than year 2000** ~~year 2000~~ process outflow data (emissions) for compliant products or product lines using the following TRACI (Tool for the Reduction and Assessment of Chemical and other environmental Impacts) life cycle impact assessment methods:

- global warming potential;
- acidification potential;
- critical air pollutants;
- fossil fuel depletion;
- habitat alteration;
- human health;
- ozone depletion;
- smog;
- ecological toxicity;
- eutrophication potential; and
- water intake.

As the TRACI methodology is periodically updated, applicants should consider using the most accurate life cycle calculations.

NOTE - An LCA may use other well-recognized ISO 14044 compliant methods for impact assessment when TRACI is not appropriate.

Reason: This was updated in the ballot for the 2012 version but did not include this section. This brings the three parts in alignment for baseline calculations.

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6.3.5.2.1 Supplier's material and process inputs present at 1%

A manufacturer shall receive one point for obtaining documentation from **a minimum of 70% of** first tier suppliers (one step upstream) of the manufacturing facility (see Annex B, Figure B1) that identifies all material and process inputs present at 1% (10 parts per thousand) or greater of the incoming raw

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materials including materials identified as PBT per Annex B. This shall apply to the incoming raw materials that result in 1% or greater of the final product.

6.3.5.2.2 PBTs released as process outputs

A manufacturer shall receive one point for obtaining documentation from a minimum of 70% of first tier suppliers (one step upstream) of the manufacturing facility (see Annex B, Figure B1) demonstrating that PBT chemicals and other chemicals of concern are not released as process outputs (emissions) at the point of manufacture at or above CERCLA reportable quantity (RQ) reporting thresholds. The manufacturer shall document that first tier suppliers do not have PBT emissions at or above the reporting thresholds described in Annex B. This shall apply to the incoming raw materials that result in 1% or greater of the final product.

6.3.5.2.3 PBTs used in materials or process inputs

A manufacturer shall receive one point for obtaining documentation from a minimum of 70% of first tier suppliers (one step upstream) of the manufacturing facility (see Annex B, Figure B1) that PBT chemicals and other chemicals of concern are not used in supply chain materials and that process inputs are below TRI reporting thresholds. This shall apply to the incoming raw materials that result in 1% or greater of the final product.

Reason: The Joint Committee approved this change to be balloted to limit the number of suppliers needed to achieve these credits. It addresses the amount of time and effort to gather information from suppliers.

7 Energy and energy efficiency (EN)

7.1 Scope

This section documents energy used in carpet production as well as greenhouse gas emissions, and recognizes the use of renewable energy, implementation of energy conservation, and energy efficiency measures. ~~For the purposes of this section, improvements over a three year time period shall be measured.~~ For the purposes of this Standard, renewable energy is defined in 3.14.

NOTE – As used in this Standard, the term “Green-e” refers to Green-e or equivalent forms of fuel, such as non-nuclear, non-fossil based fuels.

Reason: This implies the 3-year time period applies to all credits under section 7. The changes below clarify the timeframe for each credit.

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7.2.2.1 Documented percentage of renewable energy and/or energy reduction

For the manufacturing facility only, the manufacturer shall earn points by documenting that a percentage of the total production energy requirements (electrical and thermal) is derived from renewable energy sources meeting Green-e requirements and/or that the manufacturing facility has reduced energy use by a documented percentage. For renewable energy, conformance to this criterion may be demonstrated by the use of on-site owner-generated renewable energy meeting Green-e requirements, renewable energy supplied from offsite sources meeting Green-e requirements, or certified Green-e Power or certified Green-e Tradable Renewable Certificates¹. The renewable energy sources shall meet Green-e requirements.

¹ Information on the Green-e Tradeable Renewable Certificates can be found at <www.green-e.org/what_is/dictionary/trc.html>.

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For energy reduction calculated over a three-year time period, points shall be awarded for achievement of energy reductions as measured by total energy reduced per square yard or per pound of product over an entire facility involved in making the compliant product.

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7.2.4 Greenhouse gas emissions inventory

For the manufacturing facility, a manufacturer shall receive one point for documenting reductions in greenhouse gas emissions resulting from energy use over a three-year period of time. The manufacturer shall calculate reductions in greenhouse gas emissions resulting from use of renewable energy and/or from energy reduction.

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9.10 Environmental Product Declarations

The manufacturer shall receive one point if it completes an Environmental Product Declaration (EPD) conducted in accordance with ISO 14025 following the requirements of an open consultative-based Product Category Rule (PCR). The EPD shall be validated by an independent third party for the product undergoing assessment.

Reason: This was motioned to ballot at the 2012 JC meeting to address the growing potential for companies to have EPDs for their carpet.

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2 Normative references and tools

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Age Discrimination in Employment Act of 1967¹

Global Reporting Initiative (GRI), *G3 Reporting Framework*²

ILO 29 *Forced Labour Convention*, 1930³

ILO 105 *Abolition of Forced Labour Convention*, 1957³

ILO 182 *Worst Forms of Child Labour Convention*, 1999³

ISO 14001, 2004, *Environmental management systems – Requirements with guidance for use*⁴

ISO 14040, 2006, *Environmental management – Life cycle assessment – Principles and framework*⁴

ISO 26000, 2010, *Guidance on Social Responsibility*⁴

SA8000:2008, *Social Accountability*⁵

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3 Definitions

3.x local employment: Employment of workers who reside within 15 mi of the primary place of employment, or can access the primary place of employment within 30 min driving, on public transit, or by car pool.

Reason: *This will support the changes below and be added to the definition section.*

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9.2 Manufacturer's environmental policy, and EMS, and social indicator reporting

9.2.2 Manufacturer's social indicator reporting (prerequisite)

A manufacturer shall receive one point for reporting the social indicator metrics shown in Table 9.1. The reporting of employment information required in Table 9.1 shall be made by either a detailed breakdown or general summary of compliance.

Table 9.1 – Social indicators¹

Indicator		Description
Labor practices and decent work	Employment	Breakdown of workforce, employment type, and employment contract workforce retained vs. temporary workforce.
		Net employment creation, turnover
		Employee benefits beyond those legally mandated
	Health and safety	Recording and notification of occupational accidents, injuries, illnesses, and disease
Human rights	Strategy and management	Description of policies and procedures dealing with all aspects of human resources relevant to operations including monitoring mechanisms and results

¹ EEOC Headquarters, U.S. Equal Employment Opportunity Commission, 131 M Street, NE, Washington, DC 20507 <www.eeoc.gov>

² Global Reporting Initiative, Keizersgracht 209 1016 DT Amsterdam, The Netherlands <www.globalreporting.org/Home>

³ International Labour Office, 4 route des Morillons CH-1211 Geneva 22, Switzerland <www.ilo.org>

⁴ International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva, Switzerland. <<http://www.iso.org>>

⁵ Social Accountability International, 15 West 44th Street, 6th Floor, New York, NY 10036. <<http://www.sa-intl.org>>

Tracking #140i6r4
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Revision to NSF/ANSI 140 – 2010
Issue 6, Revision 4 (January 2013 2012)

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Table 9.1 – Social indicators¹

Indicator		Description
		Description of policies and procedures to evaluate and address human rights performance within the supply chain and among contractors, including monitoring systems and results
	Child labor	Description of policies and procedures excluding child labor, including monitoring systems and results
Society	Community	Description of policies to manage impacts on communities in areas affected by activities as well as description of procedures to address this issue, including monitoring systems and results
¹ Source: Global Reporting Initiative		

9.6 Suppliers' social indicator reporting

A manufacturer shall receive one point for obtaining documentation from suppliers that report social indicator metrics as shown in Table 9.1 for each manufacturer whose product constitutes at least 1% of the product being evaluated. It is not the intent of this requirement that companies supplying chemicals that end up at de minimis levels in the product being evaluated be contacted and asked for this information. The reporting of employment information required in Table 9.1 shall be made by either a detailed breakdown or general summary of compliance.

X Corporate Social Responsibility {to be located before Innovation section 11}

X.1 Purpose

The criteria in this section are intended to encourage corporate social responsibility in the forms of providing a desirable workplace, being involved in the local community, and demonstrating financial health.

X.1.1 Manufacturer

In this section, for the purpose of manufacturer, it shall be interpreted as a parent corporation, manufacturing plant, and/or business unit.

X.1.2 Public Disclosure

The criteria in section X.2.1 and X.2.2 are intended to demonstrate corporate and organizational leadership in public disclosure and transparency of key environmental and social accountability objectives and data. Documentation required to be public within section X shall be available in one of the following forms:

- Part of the company's annual report; or
- Available to all who request a copy; or
- Online (e.g., downloadable from the company's website).

X.2 Public commitment to sustainability

The criteria in this section are intended to demonstrate corporate/organizational leadership in public disclosure and transparency of key environmental and social accountability objectives and data.

X.2.1 Prerequisite - Corporate level

The manufacturer shall have a policy for corporate governance that is publicly disclosed (per X.1.2) and shall include at a minimum:

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- Allowance of collective bargaining (or not where prohibited by law);
- prohibition of using child labor; and
- prohibition of using forced labor.

X.2.2 Prerequisite - Comprehensive disclosure (corporate level)

The manufacturer shall receive one point for demonstrating one of the following:

- Public disclosure of corporate or facility annual sustainability report per the guidelines of the Global Reporting Initiative (GRI)² of the United Nations Environment Program; or
- Public disclosure of the annual environmental and social accountability targets and achievements.

X.3 Employer responsibility

X.3.1 Prerequisite - Employee turnover

The manufacturer shall receive one point for quantifying and reporting the average employee turnover rate (per year or two-year rolling average).

X.3.2 Prerequisite - Employee injury rate

The manufacturer shall receive one point for quantifying the average employee injury rate (per year or two-year rolling average) as required by the governing reporting agency. At a minimum, the report shall include occupational accidents, injuries, illnesses, and disease.

X.3.3 Prerequisite – Prevention of discrimination

The manufacturer shall demonstrate that it does not engage in or support discrimination in the employment process at the corporate level. Examples include but are not limited to:

- Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits employment discrimination based on race, color, religion, sex, or national origin;
- the Equal Pay Act of 1963 (EPA), which protects men and women who perform substantially equal work in the same establishment from sex-based wage discrimination;
- the Age Discrimination in Employment Act of 1967 (ADEA), which protects individuals who are 40 years of age or older;
- Title I and Title V of the Americans with Disabilities Act of 1990¹ (ADA), which prohibit employment discrimination against qualified individuals with disabilities in the private sector, and in state and local governments;
- Sections 501 and 505 of the Rehabilitation Act of 1973¹, which prohibit discrimination against qualified individuals with disabilities who work in the federal government; and
- the Civil Rights Act of 1991¹, which, among other things, provides monetary damages in cases of intentional employment discrimination.

X.3.4 Prerequisite - child and forced labor

For all plant level facilities at which the carpet product being evaluated is produced, manufacturers shall provide a policy that they do not engage in or permit:

- the use of forced or compulsory labor (per ILO Conventions 29 and 105³); and
- the use of child labor (per ILO Convention 182³).

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X.3.5 Prerequisite - Living wages/remuneration

The manufacturer shall receive one point for demonstrating compliance with all applicable legal minimum standards. Where there is no legal minimum standard, the manufacturer shall receive one point for demonstrating both of the following for employees/workers other than management personnel:

- Wages are sufficient to meet basic needs of personnel and provide some discretionary income; and
- Wages are paid directly to employees, with full disclosure of any required or authorized deductions (e.g., taxes, health care benefits, and retirement investments).

X.3.6 Right to collective bargaining

The manufacturer shall receive one point for documenting compliance with the national labor requirements or internationally recognized equivalent.

X.4 Prerequisite - Community engagement (corporate level)

The manufacturer shall receive one point for documenting company-supported employee activities within the community. Company-supported employee activities consist of community service work performed during paid time off for that purpose, excluding activities deemed political in nature.

X.4.1 Community financial investment (corporate level)

The manufacturer shall declare for its soft floor covering business, as percent of net income defined in accordance with generally accepted accounting principles, the average three-year rolling monetary value provided to the communities where the majority of employees reside by means of state and local taxes paid plus direct contributions (e.g., grants and investments). Employee salaries and other employee remuneration are expressly excluded from this calculation. Thus, taxes or investments made at a state or provincial level do not qualify for inclusion unless specifically designated for allocation to the community. The manufacturer shall receive one point for investing 10% or more of its net income to the community where any of its manufacturing facilities for this product are located.

Reason: This is a credit that award companies who are investing in their communities beyond the prerequisite.

X.4.2 Local recruiting (corporate level)

~~The manufacturer shall receive one point for documenting net local employment (full-time equivalent basis) and local sourcing expenditures (U. S. dollars spent or equivalent) per year or three-year rolling average.~~

Reason: The intent is to document effort toward local recruiting; this does not require a threshold.

X.5 Financial leadership (corporate level)

Sustainability requires triple bottom line actions that are important to achieve social and environmental goals.

X.5.1 Profitability (corporate level)

~~The manufacturer shall receive one point for demonstrating an average increase in profitability over the last 3 years.~~

X.5.2 Investment in research and development (corporate level)

~~The manufacturer shall receive one point for demonstrating an average increase in investment over the last 3 years in research and development activities that results in a quantifiable outcome such as new innovative products and sample development, new technology, efficiency in processes, etc.~~

Reason: The intent was to show a quantifiable outcome from R&D activities.

X.5.3 Vendor/supplier satisfaction

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The manufacturer shall receive one point for paying 95% of supplier/vendor contracts in accordance with agreed terms, excluding agreed penalty arrangements. Terms may include scheduling of payments, form of payment, and other conditions.

X.6 Suppliers - Social Responsibility

In this section, suppliers are defined as those who supply 70% of the product by weight.

X.6.1 Suppliers - Child and forced labor

The manufacturer shall receive one point for documenting that suppliers do not engage in or permit:

- the use of forced or compulsory labor (per ILO Conventions 29 and 105³); and
- the use of child labor (per ILO Convention 182³).

X.6.2 Suppliers - Corporate disclosure

The manufacturer shall receive one point for demonstrating their 25% of suppliers (as defined in X.6) have one of the following:

- Corporate or facility annual sustainability report per the guidelines of the Global Reporting Initiative (GRI)² of the United Nations Environment Program; or
- Annual environmental and social accountability targets and achievements.

The manufacturer shall receive one additional point for suppliers documenting one of the above publicly as defined in X.1.2.

X.6.3 Suppliers - Prevention of discrimination

The manufacturer shall receive one point for documenting that their suppliers do not engage in or support discrimination in the employment process at the corporate level. Examples include but are not limited to:

- Title VII of the Civil Rights Act of 1964¹ (Title VII), which prohibits employment discrimination based on race, color, religion, sex, or national origin;
- the Equal Pay Act of 1963¹ (EPA), which protects men and women who perform substantially equal work in the same establishment from sex-based wage discrimination;
- the Age Discrimination in Employment Act of 1967¹ (ADEA), which protects individuals who are 40 years of age or older;
- Title I and Title V of the Americans with Disabilities Act of 1990¹ (ADA), which prohibit employment discrimination against qualified individuals with disabilities in the private sector, and in state and local governments;
- Sections 501 and 505 of the Rehabilitation Act of 1973¹, which prohibit discrimination against qualified individuals with disabilities who work in the federal government; and
- the Civil Rights Act of 1991¹, which, among other things, provides monetary damages in cases of intentional employment discrimination.

X.6.4 Suppliers - Employee injury rate

The manufacturer shall receive one point for documenting 50% of suppliers (as defined in X.6) that quantify their average employee injury rate (per year or two-year rolling average) as required by the governing reporting agency. At a minimum, the report shall include occupational accidents, injuries, illnesses, and disease.

Reason: This credit is intended to cover 70% of suppliers of product by weight - 50% of those needing to report individual data as required by the governing reporting agency.

Tracking Number 173i48r1
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Revision to NSF/ANSI 173-2012
Issue 48, Draft 1 (November 2012)

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NSF International Standard for Dietary Supplements —

Dietary supplements

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5.4 Disintegration

5.4.1. Uncoated, film-coated, plain-coated, and hard and soft gelatin capsules

Supplements shall be verified as meeting the requirements for disintegration when tested using the equipment described in the currently promulgated version of the United States Pharmacopeia (USP) General Chapter <701> and using the immersion fluid and time given in the specific USP monograph if applicable to the product being evaluated. For products where no USP monograph applies, testing shall be performed using deionized water as the immersion fluid for a time period of 60 min.

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REASON – The issue regarding disintegration resulted from an internal audit at NSF International. This topic was discussed at the Joint Committee meeting held November 8, 2012. There was general agreement that the intent was for disintegration, not dissolution. To avoid confusion and to appease auditors, more specific language for this section is being proposed.

BSR/UL 719, Standard for Safety for Nonmetallic-Sheathed Cables

1. Deletion of the Conductor Pullout Test

19 Conductor Pullout Test

19.1 The construction of flat cable containing two or three 14, 12, or 10 AWG insulated circuit conductors with a grounding conductor shall necessitate the use of more than 2 lbf or 8.9 N or 910 gf to pull all of the conductors taken together more than 1/16 inch or 1.5 mm out of the jacket when a specimen of finished cable is tested as indicated in 19.2 and 19.3.

19.2 A 20-inch or 510 mm specimen is to be cut from a straight, flat, sample length of finished cable. A 3-inch or 75-mm length of the jacket is to be removed from one end of the specimen and a pencil or other mark is to be made on each conductor at the point at which it emerges from the jacket. The conductors thus exposed are then to be bent together through approximately 180° to form a hook. At the other end of the specimen, the jacket is to be slit longitudinally for 4 inches or 102 mm and the conductors are to be cut out of this portion of the jacket.

19.3 With its hollow jacket gripped in a clamp applied across the major axis of the cable no farther than 1 inch or 25 mm from the cut end of the hollow jacket, the specimen is to hang vertically and a weight that exerts 2 lbf or 8.9 N or 910 gf is to be placed gently on the hook formed by the conductors and left there for at least 30 s. The cable is not acceptable if the conductors slide more than 1/16 inch or 1.5 mm out of the jacket as measured by displacement of the pencil or other marks from their original position flush with the end of the jacket.

BSR/UL 987, Standard for Stationary and Fixed Electric Tools

Requirements To Prohibit A Tool With A Motor Supply Cord That Directly Turns On The Motor Of A Tool When Connected To The Supply Source, New 13.1.14

13.1.14 A tool shall not be provided with a motor supply cord where the connection to a supply source will directly turn on the motor (i.e. without the operation of a motor controller, switch or other device for starting and stopping the motor), the operation of which could result in a risk of injury to persons.

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BSR/UL 1081, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators

1. Update to Important Safety Instructions

52.5 Unless otherwise indicated, the instructions shall be in the exact words specified or shall be in equally definitive terminology to the following items. No substitutes shall be used for the words "WARNING" and "CAUTION." The items may be numbered. The first and last items specified below shall be first and last respectively. Other important and precautionary items determined appropriate by the manufacturer may be inserted. Notes to the manufacturer are in parentheses.

IMPORTANT SAFETY INSTRUCTIONS

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

- 1) READ AND FOLLOW ALL INSTRUCTIONS
- 2) (For all units) WARNING - To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
- 3) (For storable pool pumps) WARNING - Risk of Electric Shock. Connect only to a grounding type receptacle. This product is provided with a ground-fault circuit-interrupter. If replacement of the plug or cord is needed, use only identical replacement parts.
- 4) (For all permanently-installed units intended for use on 15 or 20 ampere, 125 through 240 volt, single phase branch circuits) WARNING - Risk of Electric Shock. Connect only to a branch circuit protected by a ground-fault circuit-interrupter (GFCI). Contact a qualified electrician if you cannot verify that the circuit is protected by a GFCI.
- 5) *Deleted March 31, 2010.*
- 6) *Deleted March 31, 2010.*
- 7) (For all permanently installed units intended for use on 15 or 20 ampere, 125 through 240 volt, single phase branch circuits) The unit must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the pump without the test button being pushed, a ground current is flowing, indicating the possibility of an electric shock. Do not use this pump. Disconnect the pump and have the problem corrected by a qualified service representative before using.
- 8) (For storable pool pumps) The unit is provided with a ground-fault circuit-interrupter (GFCI). To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the pump without the test button being pushed, a ground current is flowing, indicating the possibility of an electric shock. Do not use this pump. Disconnect the pump and have the problem corrected by a qualified service representative before using.
- 8A) (For storable pools pumps) CAUTION - To reduce the risk of electric shock the pool must be installed no closer than 6 feet (1.8 m) from any electrical outlet. Do not place portable appliances closer than 5 feet (1.5 m) from the pool.

9) (For units intended for above-ground storable swimming pools) Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.

10) (For all cord- and plug-connected units) WARNING - To reduce the risk of electric shock, replace damaged cord immediately.

11) (For units intended for above-ground storable swimming pools) WARNING - To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located outlet.

~~12) (For units intended for above-ground storable swimming pools) CAUTION - This pump is for use with storable pools only. Do not use with permanently installed pools. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage.~~

13) (For swimming pool pumps intended for use with permanent swimming pools or spas) CAUTION - This pump is for use with permanently-installed pools and may also be used with hot tubs and spas if so marked. ~~Do not use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity.~~

14) (For hot tub and spa pumps) Do not install within an outer enclosure or beneath the skirt of a hot tub or spa.

15) SAVE THESE INSTRUCTIONS.

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BSR/UL 2267, Standard for Safety for Fuel Cell Power Systems for Installation in Industrial Electric Trucks

1. Revisions to Harmonize with the Criteria in the Standard for Electric-Battery-Powered Industrial Trucks, UL 583.

1.1 These requirements cover fuel cell power systems intended to be installed in Type E or Type CGH industrial trucks used in locations as defined in the Standard for Powered Industrial Trucks, Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation, NFPA 505, the National Electrical Code, ANSI/NFPA 70, and the Standard for Electric-Battery-Powered Industrial Trucks, UL 583.

2.13 LIMITED POWER CIRCUIT - A circuit supplied from a source whose open circuit voltage is less than or equal to 60 Vdc and whose maximum current and power after 60 s of operation comply with the values outlined in Tables 32.1 and 32.2. Limited power circuits are considered equivalent to NEC Class 2 circuits as outlined in the National Electrical Code, ANSI/NFPA 70 and to low-voltage limited energy circuits as defined in Section 16 of the Standard for Electric-Battery-Powered Industrial Trucks, UL 583.

2.25.1 TYPE CGH INDUSTRIAL TRUCK - An electrically operated industrial truck that utilizes a compressed hydrogen powered unit utilizing a fuel cell for conversion of the hydrogen fuel gas to electricity that has minimum acceptable safeguards against inherent fire hazards. Type CGH Industrial Trucks can be operated in locations as outlined in the Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation, NFPA 505.

~~16.5 A nonmetallic enclosure shall comply with the requirements for stationary equipment in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, except that it is to be subjected to the test program in accordance with 36.2. Nonmetallic enclosure materials shall be flame rated V-1 minimum in accordance with UL 746C or shall comply with Three-Quarter Inch Flame Test for Thermoplastic Materials, Section 37. An enclosure for a fuel cell power system shall be metal and be no less than 0.053 inch (1.35 mm) thick unless otherwise protected by the truck.~~

Exception: A nonmetallic enclosure may be employed, but it shall comply with the requirements for stationary equipment in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, except that:

a) It is to be subjected to the test program in accordance with 36.2, and

b) It shall be flame rated V-1 minimum in accordance with UL 746C or shall comply with the Three-Quarter Inch Flame Test for Thermoplastic Materials, Section 37.

42.5 A fuel cell power system intended for use with industrial trucks shall be marked to indicate the appropriate type of industrial truck in which they are intended to be installed in accordance with the following or the equivalent, "Fuel Cell Power Unit For Use Only With NFPA Type E Industrial Electric Truck In Unclassified (Non-Hazardous) Locations", "Fuel Cell Power Unit For Use Only With NFPA Type CGH Industrial Electric Truck In Unclassified (Non-Hazardous) Locations", or a combination of both. This marking shall be located where it will be visible after mounting the system into the industrial truck.