ANSI STANDARDS ACTION

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

VOL. 45, #15 *April 11, 2014*

Contents

American National Standards

Call for Comment on Standards Proposals 2
Call for Members (ANS Consensus Bodies) 11
Final Actions 14
Project Initiation Notification System (PINS) 16
ANS Maintained Under Continuous Maintenance 20
ANSI-Accredited Standards Developers Contact Information 21
ANSI Accreditation Committee – Explanations of ISO/IEC 17065 22

International Standards

ISO Draft Standards 25
ISO and IEC Newly Published Standards 26

Registration of Organization Names in the U.S. 27
Proposed Foreign Government Regulations 27
Information Concerning 28

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 11, 2014

AWWA (American Water Works Association)

Revision

BSR/AWWA C520-201x, Knife Gate Valves, Sizes 2 In. (50 mm) Through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2010)

This standard describes bonneted, bonnetless and one- and two-piece fabricated stainless-steel and cast ductile-iron body knife gate valves with resilient or metal seats, including tapping knife gate valves, for use in water, wastewater, and reclaimed water systems with pH range from 6 to 12 and a temperature range from 33 F to 125 F (0.6 C to 52 C).

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i55r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 123-201x, Standard for Safety for Oxy-Fuel Gas Torches (revision of ANSI/UL 123-2010)

These proposals clarify the test methods in the Abnormal Operation Test.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1309-201X, Standard for Safety for Marine Shipboard Cable (proposal dated 04-11-14) (revision of ANSI/UL 1309-2014)

The proposal includes a revision to increase the Dielectric Constant for Silicone S100 in Table 5.2.

Click here to view these changes in full

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

Comment Deadline: May 26, 2014

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

Reaffirmation

BSR/ASHRAE/ACCA Standard 183-2007 (R201x), Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings (reaffirmation of ANSI/ASHRAE/ACCA 183-2007 (R2011))

This standard establishes requirements for methods and procedures used to perform peak cooling and heating load calculations for buildings except low-rise residential buildings.

Single copy price: $35.00

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR ATIS 1000035-2009 (R201x), Next Generation Network (NGN) Identity Management (IdM) Framework (reaffirmation of ANSI ATIS 1000035-2009)

This standard provides a framework for Identity Management (IdM) in NGN. The primary purpose of this framework is to describe a structured approach for designing, defining, and implementing IdM solutions and facilitate interoperability in a heterogeneous environment.

Single copy price: $145.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000109-201x, Exchange-Interchange Carrier Interfaces - 950 +XXXX EC-to-IC Access Signaling Protocols (revision of ANSI ATIS 1000109-1990 (R2009))

The purpose of this standard is to enable an exchange carrier (EC) entity and an interexchange carrier (IC), or consolidated carrier entity to provide interconnecting equipment that operates compatibly. This standard is one of a series of standards that gives individual-channel signaling protocol requirements for the interface located between a public switched EC network within an access area and an IC, INC, or consolidated carrier network.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000603-201x, Integrated Services Digital Network (ISDN) - Minimal Set of Bearer Services for the Primary Rate Interface (revision of ANSI ATIS 1000603-1990 (R2009))

This standard defines the minimal set of bearer services for the ISDN primary rate interface, which conforms closely to CCITT architectural concepts and explicitly considers the service constraints in the telecommunications environment of the United States. The bearer services defined in this standard are the minimal set of bearer services that are to be supported by public networks for ISDN primary rate interfaces.

Single copy price: $60.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000604-201x, Integrated Services Digital Network (ISDN) - Minimal Set of Bearer Services for the Basic Rate Interface (revision of ANSI ATIS 1000604-1990 (R2009))

This standard defines the minimal set of bearer services for the ISDN basic rate interface, which conforms closely to CCITT architectural concepts and explicitly considers the service constraints in the telecommunications environment of the United States.

Single copy price: $155.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000607-201x, Integrated Services Digital Network (ISDN) - Layer 3 Signaling Specification for Circuit Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (revision of ANSI ATIS 1000607-2000 (R2009))

This standard specifies the procedures for the establishing, maintaining, and clearing of the network connection at the Integrated Services Digital Network (ISDN) user-network interface for the support of circuit-switched calls. These procedures are defined in terms of messages exchange over the D-channel.

Single copy price: $500.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000609-201x, Interworking between the ISDN User-Network Interface Protocol and the Signalling System Number 7 ISDN User Part (revision of ANSI ATIS 1000609-1999 (R2009))

This standard is aimed at defining the interworking relationship between the call-control protocol of the ISDN User-Network Interface Protocol and the ISDN User Part of SS7. This standard defines in detail the relationship between signaling information conveyed via the User-Network Interface Protocol and similar signaling information conveyed via the ISDN User part of SS7. The above relationship is described within the context of supporting the establishment and clearing of call within an ISDN or mixed ISDN/non-ISDN environment.

Single copy price: $275.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000615-201x, Digital Subscriber Signalling System No.1 (DSS1) - Layer 3 Overview (revision of ANSI ATIS 1000615-1992 (R2009))

The Digital Subscriber Signaling System No.1 (DSS1) is a suite of protocols that provides the means for users to invoke the full range of services and capabilities available from the Integrated Services Digital Network (ISDN).

Single copy price: $60.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000616-201x, Integrated Services Digital Network (ISDN) - Call Hold Supplementary Service (revision of ANSI ATIS 1000616-1992 (R2009))

This standard specifies the service capabilities of the Call Hold service within the context of an Integrated Services Digital Network (ISDN).

Single copy price: $145.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000620a-201x, Multi-Rate Circuit-Mode Bearer Service for ISDN - Addendum to the Circuit-Mode Bearer Service Category Description (revision of ANSI ATIS 1000620a-1992 (R2009))

This document is a supplement to ATIS 1000620 and revises the standard to add the category of multi-rate circuit-mode bearer services.

Single copy price: $30.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000621-201x, Integrated Services Digital Network (ISDN) - User-to-User Signaling Supplementary Service (revision of ANSI ATIS 1000621-1992 (R2009))

This standard is one of a series which defines and describes service capabilities within the context of an Integrated Service Digital Network (ISDN). It describes a single service capability which is a telecommunication transport capability. Such capability 5 be made available on a demand or a subscription arrangement.

Single copy price: $175.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000623-201x, Digital Subscriber Signalling System Number 1 (DSS1) - Signalling Specification for the User Signalling Bearer Service (revision of ANSI ATIS 1000623-1993 (R2009))

This standard presents the procedures at the S or T reference point for D-channel access connection on basic rate interfaces and primary rate interfaces within the Integrated Services Digital Network (ISDN) to support ISDN user signalling bearer service.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000627-201x, Broadband ISDN - ATM Layer Functionality and Specification (revision of ANSI ATIS 1000627-1993 (R2009))

This standard is one a series of standard on Broadband Integrated Services Digital Network (B-ISDN). These standards describe the B-ISDN capabilities, architectural model, and network interfaces including protocol functionalities and specifications, and signaling characteristics. In particular, this standard describes the protocol of the ATM Layer.

Single copy price: $220.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 1000642-201x, Integrated Services Digital Network (ISDN) - Call Deflection Supplementary Service (revision of ANSI ATIS 1000642-1995 (R2009))

This standard is one of a series that defines and describes supplementary services within the context of an Integrated Services Digital Network (ISDN). The interaction of this service with other ISDN services is also included. The purpose of the standard is to allow maximum compatibility among network- and user-owned telecommunication equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

Single copy price: $220.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

AWC (American Wood Council)

Revision

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

Provides special design and construction requirements for wind and seismic design of wood frame structures.

Single copy price: $25.00

Obtain an electronic copy from: awcinfo@awc.org

Order from: Lacey Merriman-Doniff, (202) 463-2766, Lacey_Merriman-Doniff@afandpa.org

Send comments (with copy to psa@ansi.org) to: Bradford Douglas, (202) 463-2770, bdouglas@awc.org

AWWA (American Water Works Association)

Revision

BSR/AWWA B406-201x, Ferric Sulfate (revision of ANSI/AWWA B406-2006)

This standard describes dry-form ferric sulfate and liquid ferric sulfate for use in water treatment.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)

Revision

BSR Z21.5.1-201x, Standard for Gas Clothes Dryers Volume I, Type I Clothes Dryers (same as CSA 7.1) (revision, redesignation and consolidation of ANSI Z21.5.1-2006 (R2011) and ANSI Z21.5.1a-2007)

Details test and examination criteria for Type 1 clothes dryers for use with natural, manufactured, or mixed gases, liquefied petroleum gases, or LP gas-air mixtures.

Single copy price: $175.00

Obtain an electronic copy from: david.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z83.26-201x, Standard for Gas-Fired Outdoor Infrared Patio Heaters (same as CSA 2.37) (revision, redesignation and consolidation of ANSI Z83.26-2007 (R2012) and ANSI Z83.26a-2008 (R2012))

Patio heaters for heating residential or nonresidential outdoor spaces. Outdoor heaters may be suspended overhead, angle-mounted overhead, wall mounted, or floor mounted. Floor-mounted heaters may be free-standing or portable. Outdoor heaters may be connected to a fixed fuel piping system or connection to an integral self-contained LP gas supply. Cylinder size shall be limited to 20 lb of fuel.

Single copy price: $175.00

Obtain an electronic copy from: david.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

ECA (Electronic Components Association)

New National Adoption

BSR/EIA 60938-1-201x, Fixed Inductors for Electromagnetic Interference Suppression: Part 1 Generic Specification (identical national adoption of IEC 60938-1)

This International Standard applies to inductors designed for electromagnetic interference suppression intended for use within, or associated with, electronic or electrical equipment and machines. It is restricted to inductors for which safety tests are appropriate.

Single copy price: $291.00

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

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

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

ECA (Electronic Components Association)

New National Adoption

BSR/EIA 60938-2-201x, Fixed Inductors for Electromagnetic Interference Suppression: Part 2: Sectional Specification (identical national adoption of IEC 60938-2)

This International Standard applies to fixed inductors designed for electromagnetic interference suppression and which fall within the scope of the generic specification, IEC 60938-1. It is restricted to fixed inductors for which safety tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of table 1 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required. This standard applies to fixed inductors which will be connected to an a.c. mains or other supply with a nominal voltage not exceeding 1 000 V a.c. (r.m.s.) or d.c. between conductors and with a nominal frequency not exceeding 400 Hz.

Single copy price: $339.00

Obtain an electronic copy from: www.global.ihs.com; 1-877-413-5184

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

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

ECA (Electronic Components Association)

New Standard

BSR/EIA 887-A-201x, Thin Film Resistor Network Specification (new standard)

This specification defines the requirements for a family of thin film resistor networks on silicon with various configurations, packaged in a molded, JEDEC-approved package.

Single copy price: $72.00

Obtain an electronic copy from: www.global.ihs.com; 1-877-413-5184

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

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

FCI (Fluid Controls Institute)

New Standard

BSR/FCI 99-1-201x, Standards for Performance Testing of Secondary Pressure Drainers (new standard)

This standard specifies performance tests that are considered applicable to secondary pressure drainers. These tests may be conducted to evaluate the performance of a particular design, either currently in production or under consideration for production.

Single copy price: Free

Order from: Leslie Schraff, (216) 241-7333, fci@fluidcontrolsinstitute.org

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

HL7 (Health Level Seven)

New Standard

BSR/HL7 V3ITSHDATA RF, R1-201x, HL7 Version 3 Standard: hData Record Format, Release 1 (new standard)

The hData Record Format defines a machine-readable file format (root.xml) that describes the resources located at an hData service endpoint and the URLs needed to access them through RESTful services. The root file is accessed by clients to determine the capabilities of the service endpoint, and its conformance to one or more predefined profiles. The hData Record Format, together with the OMG hData RESTful Transport, defines an implementable solution for exchanging health resources, including, but not limited to, FHIR resources.

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

New Standard

BSR/HL7 V3 PASS SECURITY LABELSRV, R1-201x, HL7 Version 3 Standard: Privacy, Access and Security Services; Security Labeling Service, Release 1 (new standard)

The Service Labeling Service Functional Model is intended to complement existing SOA services and the SAIF Behavioral Framework (BF) for HL7 by providing functional capabilities for the systems and components required for these services to be exposed through well-defined, technology agnostic service interfaces. Refer to the document description on the HL7 ballot website for a complete list of functional capabilities too long to mention here.

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

IESNA (Illuminating Engineering Society of North America)

Revision

BSR/IES RP-8-201x, IES Recommended Practice for Roadway Lighting (revision and redesignation of ANSI/IESNA RP-8-2000 (R2005))

ANSI/IES RP-8-xx Recommended Practice for Roadway Lighting covers the current design standards for roadway lighting, and is updated with new illumination levels, as well as many updates for new technologies.

Single copy price: $60.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Order from: Patricia McGillicuddy, (212) 248-5000, ext 123, pmcgillicuddy@ies.org

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

ISEA (International Safety Equipment Association)

Revision

BSR/ISEA 101-201x, Limited-Use and Disposable Coveralls - Size and Labeling Requirements (revision of ANSI/ISEA 101-1996 (R2008))

This standard provides requirements for finished dimensions, labeling and packaging for limited-use and disposable coveralls. It also provides guidance on selecting the appropriate garment size for the wearer.

Single copy price: $10.00

Obtain an electronic copy from: cfargo@safetyequipment.org

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetyequipment.org

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

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

New Standard

INCITS 512-201x, Information technology - Fibre Channel - Switch Fabric - 6 (FC-SW-6) (new standard)

FC-SW-6 describes the requirements for an interconnecting Fabric consisting of multiple Fabric Switch elements to support the ANSI/INCITS Fibre Channel - Framing and Signaling (FC-FS-2) and ANSI/INCITS Fibre Channel - Physical Interface (FC-PI-4) standards.

Single copy price: $60.00

Obtain an electronic copy from: www.incits.org

Order from: www.incits.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standard

BSR C78.50-201x, Electric Lamps - ANSLG Assigned LED Lamp Codes (new standard)

This standard provides physical and electrical characteristics of the group of integrally ballasted solid state lighting lamps that have standardized characteristics. Lamps covered in this standard contain LED based light sources.

Single copy price: $100.00

Obtain an electronic copy from: Karen.Willis@nema.org

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.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 835 om-2014, Water absorption of corrugating medium: water drop absorption test (new standard)

The water absorptivity of corrugating medium is measured by dropping a drop of water on the surface of a specimen and determining the time in seconds for the drop to be completely absorbed as evidenced by the loss of sheen.

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.)

Revision

BSR/UL 1610-201x, Standard for Safety for Central-Station Burglar-Alarm Units (revision of ANSI/UL 1610-2010)

Covers: Revision to 62A.2, Exception No. 1, item (b), so that a duplicate alarm is optional; Revision to 62A.2, Exception No. 1, item (d), so that it is not limiting; and Revision to 62A.6, item (b), to remove redundant language.

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 1996-201xa, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2011)

The following is being proposed: (1) Revisions to incorporate operating control requirements, protective control parameters, and safety critical functions.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME A112.18.8-2009 (201x), In-Line Sanitary Waste Valves for Plumbing Drainage Systems (reaffirmation of ANSI/ASME A112.18.8-2009)

This Standard establishes minimum requirements for materials in the construction of sanitary waste valves (hereinafter referred to as “the valve”) for use as an alternate to tubular p-traps, and prescribes minimum test requirements for the performance of the valve, together with methods of marking and identification.

Single copy price: $28.00

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: Angel Guzman, (212) 591-8018, guzman@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B1.20.5-1991 (R201x), Gaging for Dryseal Pipe Threads (Inch) (reaffirmation of ANSI/ASME B1.20.5-1991 (R2009))

The scope of this Standard is to provide information regarding practical dryseal thread inspection methods and commonly used gages for production evaluation purposes. All dimensions are in inches unless otherwise specified.

Single copy price: $50.00

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: Angel Guzman, (212) 591-8018, guzman@asme.org

Comment Deadline: June 10, 2014

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

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

Addenda

BSR/ASHRAE Addendum am to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum extends BACnet/WS with RESTful services for complex data types and subscriptions, extracts data model from Annex Q into separate model, reworks Annex Q to be an XML syntax for the common model, adds a JSON syntax for the common model, replaces Annex N SOAP services with a migration guide, and changes Clause 21 identifiers to use a consistent format.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

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:

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.4-200x, Identification system for indexable inserts (revision of ANSI B212.4-2002)

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.5-2002 (R201x), Cutting Tools - Metric Holders for Indexable Inserts (reaffirmation of ANSI B212.5-2002)

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.7-201x, Threaded Fasteners used in Carbide Tooling (new standard)

Inquiries may be directed to Jeffrey Wherry, (440) 899-0010, jjw@wherryassoc.com

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.9-1994 (R201x), Carbide Blanks for Tipping Circular Saws (reaffirmation of ANSI B212.9-1994 (R2005))

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.11-200x, Cutting Tools - Indexable Insert Shank - Type Milling Cutters (Inch Series) - Designation (revision of ANSI B212.11-1988 (R2002))

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.12-201x, Turning Tools - Commonly Used Indexable Inserts (revision of ANSI B212.12-201x)

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.12.1-200x, Indexable screw-on inserts with partly cylindrical fixing holes commonly used for turning (revision of ANSI B212.12.1-1995 (R2002))

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.16-2000 (R201x), Blanks for Carbide Burs (reaffirmation of ANSI B212.16-2000 (R2005))

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.17-201x, Bore-Type Milling Cutters (Inch Series) - Designation (revision of ANSI B212.17-201x)

CCPA (ASC B212) (Cemented Carbide Producers Association)

BSR B212.21-199x, Carbide Chip Breakers Used with Indexable Inserts for Clamp Type Holders (reaffirmation and redesignation of ANSI B94.47M -1980 (R1988))

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

[NOTE: All standards in this section that are listed as SAE standards were formerly maintained by TechAmerica, but are now maintained under SAE International.]

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.1a-1990 (R2007), Carbide Tips for Brazing on Turning Tools

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.1-2002 (R2007), Cutting Tools - Carbide Blanks & Brazed & Solid Single Point Tools

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.2-2011, Carbide Seats Used w/Indexable Inserts for Clamp-Type Holders

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.3-2002 (R2011), Cutting Tools - Precision Holders for Indexable Inserts

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.8-2002 (R2011), Cutting Tools - Carbide Blanks for Twist Drills, Reamers, End Mills & Random Rod

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.9-1994 (R2005), Cutting Tools - Carbide Blanks for Tipping Circular Saws

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.10-2011, Precision Indexable Insert Cartridges

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.13-1979 (R2007), Roller Turner Type Cutting Tools, Single Point

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.14-2002 (R2011), Carbide Seats Used w/Indexable Inserts for Clamp-Type Holders

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.15-1994 (R2005), Cuttting Tools - Carbide-Tipped Masonry Drills & Blanks for Carbide Masonary Drills

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.16-2000 (R2005), Cutting Tools - Blanks for Carbide Tools

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.18-2002 (R2011), Inch boring bars for indexable inserts - Designation and Dimensions

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI B212.20-1980 (R2007), Carbide Chip Breakers Used with Indexable Inserts for Clamp Type Holders

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO 513-2005, Classification and application of hard cutting materials for metal removal with defined cuttting edges - Designation of the main groups and groups of application

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO 5609-2004, Boring bars for indexable inserts - Dimensions

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO 6462-1983 (R2002), Face Milling Cutters with Indexable Inserts - Dimensions

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO 6986-1983 (R2002), Side and Face Milling (Slotters) Cutters with Indexable Inserts - Dimensions

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO/IEC 11529-1-2004, Milling cutters - Designation - Part 1: Shank type end mills of solid or tipped design

CCPA (ASC B212) (Cemented Carbide Producers Association)

ANSI/ISO/IEC 11529-2-2004, Milling cutters - Designation - Part 2 - Shank type and bore type milling cutters with the indexable inserts

SAE (SAE International)

ANSI/TA-STD-0017-2013, Product Support Analysis

SAE (SAE International)

ANSI/EIA 632-2003, Processes for Engineering a System

SAE (SAE International)

ANSI/EIA 649-B-2011, Configuration Management Standard

SAE (SAE International)

ANSI/EIA 656-B-2007, I/O Buffer Information Specification (IBIS)

SAE (SAE International)

ANSI/EIA 836-B-2010, Configuration Management Data Exchange and Interoperability

SAE (SAE International)

ANSI/EIA 933-A-2011, Standard for Preparing a COTS Assembly Management Plan

SAE (SAE International)

ANSI/EIA 4899-A-2009, Standard for Preparing an Electronics Component Management Plan

SAE (SAE International)

ANSI/GEIA 748-B-2007, Earned Value Management Systems

SAE (SAE International)

ANSI/GEIA STD-0001-2006, IBIS Interconnect Modeling Specification (ICM)

SAE (SAE International)

ANSI/GEIA STD-0003-2006, Procedures for Long Term Storage of Electronic Devices

SAE (SAE International)

ANSI/GEIA STD-0006-2008, Requirements for Using Solder Dip to Replace the Finish on Electronic Components

SAE (SAE International)

ANSI/GEIA STD-0007-A-2010, Logistics Data Implementation Model

SAE (SAE International)

ANSI/GEIA STD-0008-2012, Derating of Electronic Components

SAE (SAE International)

ANSI/GEIA STD-0009-2008, Reliability Program Standard for Systems Design, Development and Manufacturing

SAE (SAE International)

ANSI/GEIA STD-0010-2009, Standard Best Practices for System Safety Program Development and Execution

SAE (SAE International)

ANSI/GEIA STD-0005-2-A-2012, Standard for Mitigating the Effects of Tin Whiskers in Aerospace and High Performance Electronic Systems

SAE (SAE International)

ANSI/GEIA STD-0005-3-A-2013, Performance Testing for Aerospace and High Performance Electronic Interconnects Containing Pb-free Solder and Finishes

SAE (SAE International)

ANSI/GEIA STD-927-A-2011, Common Data Schema for Complex Systems

SAE (SAE International)

ANSI/GEIA STD-0005-1-REV A-2012, Standard for Managing the Use of Pb-Free Solder and Finishes in Aerospace, Defense and High Performance Electronic Systems

SAE (SAE International)

ANSI/TECHAMERICA STD-0016-2012, Standard for Preparing a DMSMS Management Plan

Call-for-Comment Extended

BSR/LEO 4000-201x

Comment Deadline: May 6, 2014

The comment deadline for the following project has been extended to May 6, 2014.

LEO (Leonardo Academy, Inc.)

BSR/LEO 4000-201x, National Sustainable Agriculture Standard (new standard)

Establishes a comprehensive framework and common set of environmental, social, and economic metrics by which to determine whether an agricultural crop has been produced and handled in a sustainable manner, from soil preparation and seed planting through production, harvest, post-harvest handling, and distribution for sale. In the future this standard language will be expanded to include animal production.

Single copy price: Electronic copy free |Paper copy $100

Order from: Michael Arny, (608) 280-0255, michaelarny@leonardoacademy.org

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

Obtain an electronic copy from: agstandard@leonardoacademy.org

Call for Members (ANS Consensus Bodies)

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

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE/ACCA Standard 183-2007 (R201x), Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings (reaffirmation of ANSI/ASHRAE/ACCA 183-2007 (R2011))

ECA (Electronic Components Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@eciaonline.org

BSR/EIA 887-A-201x, Thin Film Resistor Network Specification (new standard)

BSR/EIA 60938-1-201x, Fixed Inductors for Electromagnetic Interference Suppression: Part 1 Generic Specification (identical national adoption of IEC 60938-1)

BSR/EIA 60938-2-201x, Fixed Inductors for Electromagnetic Interference Suppression: Part 2: Sectional Specification (identical national adoption of IEC 60938-2)

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 99-1-201x, Standards for Performance Testing of Secondary Pressure Drainers (new standard)

HI (Hydraulic Institute)

Office: 6 Campus Drive
1st Floor, North
Parsippany, NJ 07054-4406

Contact: *Zach O'Neil*

Phone: (973) 267-9700 x119

Fax: (973) 267-9055

E-mail: zoneill@pumps.org

BSR/HI 7.8-201x, Guideline for Pump Piping for Metering Pumps (new standard)

BSR/HI 9.6.1-201x, Standard for Rotodynamic Pump Guideline for NPSH Margins (revision of ANSI/HI 9.6.1-2012)

BSR/HI 9.6.3-201x, Standard for Rotodynamic (Centrifugal and Vertical) Pumps Guideline for Allowable Operating Region (revision of ANSI/HI 9.6.3-2012)

BSR/HI 14.1-14.2-201x, Standard for Rotodynamic (Centrifugal) Pumps and Vertical Pumps of Radial Flow, Mixed Flow, and Axial Flow Types for Nomenclature and Definitions (new standard)

BSR/HI 14.4-201x, Standard for Rotodynamic Centrifugal Pumps and Vertical Pumps of Radial Flow, Mixed Flow, and Axial Flow Types for Installation, Operation, and Maintenance (new standard)

ISEA (International Safety Equipment Association)

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

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 525-1698

E-mail: cfargo@safetyequipment.org

BSR/ISEA 101-201x, Limited-Use and Disposable Coveralls - Size and Labeling Requirements (revision of ANSI/ISEA 101-1996 (R2008))

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

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

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

INCITS 512-201x, Information technology - Fibre Channel - Switch Fabric - 6 (FC-SW-6) (new standard)

INCITS 539-201x, Information technology - Management of Security Credentials Specification (new standard)

INCITS 499:201x, Information technology - Next Generation Access Control - Functional Architecture (revision of INCITS 499-2013)

INCITS/ISO/IEC 18033-3:2005/Cor2-2009, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 2 (identical national adoption of ISO/IEC 18033 -3:2005/Cor2:2007)

INCITS/ISO/IEC 18033-3:2005/Cor3-2009, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 3 (identical national adoption of ISO/IEC 18033 -3:2005/Cor3:2008)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Phone: (407) 380-1553

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR/Z136.1-201x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR C78.50-201x, Electric Lamps - ANSLG Assigned LED Lamp Codes (new standard)

NENA (National Emergency Number Association)

Office: 3524 Sciotangy Drive
Columbus, OH 43221

Contact: *Roger Hixson*

Phone: (202) 618-4405

E-mail: rhixson@nena.org

BSR/PSAP-RR SOP-201x, Public Safety-Railroad Interaction Standard Operating Procedures (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1007 om-201x, Sample location for fiber glass mat sheets (revision of ANSI/TAPPI T 1007 sp-2010)

BSR/TAPPI T NEW WI 3031-201x, Wet pin adhesion of corrugated board by selective separation (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA/EIA 136-140-C-201x, TDMA Third Generation Wireless Analog Control Channel (new standard)

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Donna Haders*

E-mail: djh@wherryassoc.com

BSR B74.24-201x, Specification for Abrasive Materials for Blasting (new standard)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

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

BSR/UL 123-201x, Standard for Safety for Oxy-Fuel Gas Torches (revision of ANSI/UL 123-2010)

BSR/UL 817-201x, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2012)

Call for Members (ANS Consensus Bodies)

Participation Needed in a New AAMI Committee

Development of a new American National Standard on Artificial Pancreas by the New AAMI Diabetes Management Technology Committee

Association for the Advancement of Medical Instrumentation
Office: 4301 N Fairfax Drive, Suite 301
Arlington, VA 22205
Contact: *Joe Lewelling*
Phone: (703) 253-8281
Fax: (703) 276-0793
E-mail: JLewelling@aami.org

The scope of the standard is to specify the characteristics of an integrated autonomous system (artificial pancreas) used in the treatment of diabetes and to define the minimum safety requirements necessary for its use, including communication capabilities, interoperability specifications, and requisite fail-safe mechanisms. This standard is not intended to cover safety and performance of individual devices that operate independently of the defined integrated artificial pancreas.

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

ANSI/AAMI/ISO 7199-2009 (R2014), Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (reaffirmation of ANSI/AAMI/ISO 7199-2009): 4/2/2014

ANSI/AAMI/ISO 7199-2009/A1-2011 (R2014), Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) - Amendment 1 (reaffirmation of ANSI/AAMI/ISO 7199-2009/A1 -2011): 4/4/2014

ANSI/AAMI/ISO 14161-2009 (R2014), Sterilization of health care products - Biological indicators - Guidance for the selection, use and interpretation of results (reaffirmation of ANSI/AAMI/ISO 14161 -2009): 4/2/2014

ANSI/AAMI/ISO 15674-2009 (R2014), Cardiovascular implants and artificial organs - Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags (reaffirmation of ANSI/AAMI/ISO 15674-2009): 4/2/2014

ANSI/AAMI/ISO 15675-2009 (R2014), Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters (reaffirmation of ANSI/AAMI/ISO 15675-2009): 4/2/2014

ANSI/AAMI/ISO 25539-1-2003 (R2014), Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses (reaffirmation of ANSI/AAMI/ISO 25539-1-2003 (R2009)): 4/2/2014

ANSI/AAMI/ISO 25539-1-2003/A1-2005 (R2014), Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses, Amendment 1: Test methods (reaffirmation of ANSI/AAMI/ISO 25539-1-2003/A1-2005 (R2009)): 4/2/2014

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE S423.1-2014, Thermal Performance Testing of Open-Loop Solar Ambient Air Heaters with Defined Inlet and Outlet Conditions (revision and redesignation of ANSI/ASAE S423-FEB93 (R2012)): 4/8/2014

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B5.52-2003 (R2014), Power Presses - General Purpose Single Gap Type (reaffirmation of ANSI/ASME B5.52-2003 (R2009)): 4/8/2014

ANSI/ASME B5.61-2003 (R2014), Power Presses - General Purpose Single Action Straight Side Type (reaffirmation of ANSI/ASME B5.61 -2003 (R2009)): 4/8/2014

* ANSI/ASME B89.1.7-2009 (R2014), Surveying Tapes (reaffirmation of ANSI/ASME B89.1.7-2009): 4/8/2014

ANSI/ASME B89.4.22-2004 (R2014), Methods for Performance Evaluation of Articulated Arm Coordinate Measuring Machines (reaffirmation of ANSI/ASME B89.4.22-2004): 4/8/2014

ANSI/ASME PTC 6-2004 (R2014), Steam Turbines (reaffirmation of ANSI/ASME PTC 6-2004): 4/8/2014

ASTM (ASTM International)

Reaffirmation

ANSI/ASTM F449-2002 (R2014), Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control (reaffirmation of ANSI/ASTM F449-2002 (R2008)): 3/25/2014

Revision

ANSI/ASTM D1351-2014, Specification for Thermoplastic Polyethylene Insulation for Electrical Wire and Cable (revision of ANSI/ASTM D1351-2007): 3/25/2014

ANSI/ASTM D3034-2014, Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings (revision of ANSI/ASTM D3034-2008): 3/25/2014

ANSI/ASTM D3035-2014, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (revision of ANSI/ASTM D3035-2010): 3/25/2014

ANSI/ASTM F480-2014, Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80 (revision of ANSI/ASTM F480-2012): 3/25/2014

ANSI/ASTM F1504-2014, Specification for Folded Poly(Vinyl Chloride) (PVC) Pipe for Existing Sewer and Conduit Rehabilitation (revision of ANSI/ASTM F1504-2010): 4/1/2014

ANSI/ASTM F2686-2014, Specification for Glass Fiber Reinforced Thermoplastic Pipe (revision of ANSI/ASTM F2686-2010): 3/25/2014

ANSI/ASTM F2947-2014, Specification for 150 to 1500 mm [6 to 60 in.] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications (revision of ANSI/ASTM F2947-2012): 3/25/2014

Withdrawal

ANSI/ASTM F1881-2011, Test Method for Measuring Baseball Bat Performance Factor (withdrawal of ANSI/ASTM F1881-2011): 4/1/2014

AWWA (American Water Works Association)

Revision

ANSI/AWWA C502-2014, Dry-Barrel Fire Hydrants (revision of ANSI/AWWA C502-2005): 4/4/2014

ANSI/AWWA C503-2014, Wet-Barrel Fire Hydrants (revision of ANSI/AWWA C503-2005): 4/4/2014

ECA (Electronic Components Association)

New Standard

ANSI/EIA 198-2-E-2014, Ceramic Dielectric Capacitors Classes I, II, III and IV - Part II: Test Methods (new standard): 4/4/2014

HI (Hydraulic Institute)

Revision

ANSI/HI 2.1-2.2-2014, Rotodynamic Vertical Pumps of Radial, Mixed and Axial Flow Types for Nomenclature and Definitions (revision of ANSI/HI 2.1-2.2-2008): 4/8/2014

HPS (ASC N13) (Health Physics Society)

New Standard

ANSI N13.37-2014, Environmental Dosimetry - Criteria for System Design and Implementation (new standard): 4/8/2014

ISA (International Society of Automation)

New Standard

ANSI/ISA 67.02.01-2014, Nuclear Safety-Related Instrument Sensing Line Piping and Tubing Standard for Use in Nuclear Power Plants (new standard): 4/4/2014

NSF (NSF International)

New Standard

* ANSI/NSF 418-2014 (i1r1), Effluent Filters Field Longevity Testing (new standard): 4/2/2014

UL (Underwriters Laboratories, Inc.)

New National Adoption

* ANSI/UL 60947-4-1A-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1A-2011): 4/4/2014

New Standard

ANSI/UL 2775-2014, Standard for Safety for Fixed Condensed Aerosol Extinguishing System Units (new standard): 4/3/2014

Reaffirmation

ANSI/UL 61965-2009 (R2014), Standard for Safety for Mechanical Safety for Cathode Ray Tubes (reaffirmation of ANSI/UL 61965 -2009): 3/20/2014

Revision

ANSI/UL 32-2014, Standard for Safety for Metal Waste Cans (revision of ANSI/UL 32-2004 (R2009)): 4/4/2014

ANSI/UL 514C-2014, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C -2011b): 4/8/2014

ANSI/UL 514C-2014a, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C -2011): 4/8/2014

Project Initiation Notification System (PINS)

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

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

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street
Suite 200
Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

* BSR X9.82-2-201x, Random Number Generation - Part 2: Entrophy Sources (new standard)

Stakeholders: Financial institutions, networks, acquirers, processors and merchants

Project Need: To specify the requirements and assurance considerations for deterministic random-bit generators that are used in financial applications.

This document is the second part of the X9.82 standard on Random Number Generation. It addresses the design of entropy sources for random number generation and supplies testing methodologies for validating the amount of entropy that a source is capable of supplying. This is critical for a number of security protocols and algorithms used for encryption and data integrity.

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 B30.14-201x, Side Boom Tractors (revision of ANSI/ASME B30.14-2010)

Stakeholders: Side Boom Tractor owners, users, operators, and inspectors

Project Need: Updates to this document are required to incorporate proposed revisions.

B30.14 includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of side boom tractors powered by an internal combustion engine used for pipe laying or lifting operations, utilizing a lifting boom, drum, wire rope, and/or hydraulic cylinders.

GTESS (Georgia Tech Energy & Sustainability Services)

Office: 75 Fifth Street N.W
Suite 300
Atlanta, GA 30332-0640

Contact: *Holly Grell-Lawe*

Fax: (404) 894-1192

E-mail: holly.lawe@innovate.gatech.edu

BSR/MSE 50021-201X, Superior Energy Performance (TM) - Additional Requirements for Energy Management Systems (revision of ANSI/MSE 50021-2013)

Stakeholders: Organizations seeking SEP certification of their energy performance and energy management system, including industrial, commercial, transportation, institutional and energy supply sectors; SEP-certified organizations; Accredited and Applicant SEP Verification Bodies

Project Need: The revision of this Standard is an update to address the revised scheme requirements of the Superior Energy Performance (SEP) certification program.

MSE 50021 specifies additional requirements (beyond ISO 50001) for organizations seeking Superior Energy Performance Certification. Contents to include Scope, Terms and Definitions, and Requirements.

HI (Hydraulic Institute)

Office: 6 Campus Drive
1st Floor, North
Parsippany, NJ 07054-4406

Contact: *Zach O'Neil*

Fax: (973) 267-9055

E-mail: zoneill@pumps.org

BSR/HI 7.8-201x, Guideline for Pump Piping for Metering Pumps (new standard)

Stakeholders: Pump manufacturers, suppliers, consultants, and users

Project Need: The purpose of this guideline is to provide piping and accessory requirements used in the installation of metering pumps, and to educate users about the effects and interactions of inlet and outlet piping on metering system performance.

This guideline applies to metering pumps, specifically those with pulsating flows. This includes Positive Displacement style pumps. Types of pumps include, but are not limited to, hydraulic-coupled disc or tubular diaphragm, mechanical-coupled disc diaphragm, packed piston, and plunger. This document covers typical piping and accessories upstream and downstream from the pump(s).

BSR/HI 9.6.1-201x, Standard for Rotodynamic Pump Guideline for NPSH Margins (revision of ANSI/HI 9.6.1-2012)

Stakeholders: Pump manufacturers, suppliers, consultants, and users

Project Need: The purpose of this guideline is to outline the benefits to pumps of a large NPSH and to provide suggestions of the required margin.

This guideline addresses rotodynamic general-purpose pumps with absorbed power levels up to 4 megawatts (MW) (5300 horsepower [hp]) and impeller inlet tip speeds less than 40 meters per second (m/s) (130 feet per second [ft/s]). It describes the benefits to pump longevity when the net positive suction head (NPSH) available is greater than the NPSH required by a suitable margin, and suggests margins for specific applications.

BSR/HI 9.6.3-201x, Standard for Rotodynamic (Centrifugal and Vertical) Pumps Guideline for Allowable Operating Region (revision of ANSI/HI 9.6.3-2012)

Stakeholders: Pump manufacturers, suppliers, consultants, and users

Project Need: This guideline discusses the effects of operating a rotodynamic pump at rates of flows greater than or less than the pump's best efficiency point (BEP). These effects influence the power consumption and life of pump components and, therefore, considering the operating rate of flow is essential to reliable, efficient pump operation.

This guideline applies to rotodynamic (centrifugal and vertical) pump types. It describes the effects of operating a rotodynamic pump at rates of flow that are greater or less than the rate of flow at the pump's best efficiency point (BEP).

BSR/HI 14.1-14.2-201x, Standard for Rotodynamic (Centrifugal) Pumps and Vertical Pumps of Radial Flow, Mixed Flow, and Axial Flow Types for Nomenclature and Definitions (new standard)

Stakeholders: Pump manufacturers, suppliers, consultants, and users

Project Need: This document has been created to provide a standard for nomenclature and definitions for Rotodynamic Vertical and Centrifugal pumps for various pump configurations and services.

This standard is for design and application of rotodynamic, regenerative-turbine, Pitot-tube, vertical-turbine, mixed-flow, axial-flow vertical-diffuser, submersible-motor deepwell, and short-set pumps. Overhung Pump types: [OH0], [OH1], [OH1A], [OH2], [OH3], [OH3A], [OH4], [OH5], [OH5A], [OH6], [OH7], [OH8], [OH8B], [OH9], [OH10], [OH11], and [OH12]; Between bearings pump types: [BB1], [BB2], [BB3], [BB4], and [BB5]; Vertical Pump types: [VS0], [VS1], [VS2], [VS3], [VS4], [VS5], [VS6], [VS7], [VS7-1], and [VS-8]; Regenerative turbine pumps: [RT1], [RT2], [RT3], and [RT4]; Special effects pumps: Pitot tube.

BSR/HI 14.4-201x, Standard for Rotodynamic Centrifugal Pumps and Vertical Pumps of Radial Flow, Mixed Flow, and Axial Flow Types for Installation, Operation, and Maintenance (new standard)

Stakeholders: Pump manufacturers, suppliers, consultants, and users

Project Need: The purpose of this subcommittee is to implement the HI objectives which are to promote the continued growth and well-being of pump users and manufacturers and further the interest of the public in matters involved in manufacturing, engineering, distribution, safety, transportation, and other problems of the industry.

This standard is for design and application of rotodynamic, regenerative-turbine, Pitot-tube, vertical-turbine, mixed-flow, axial-flow vertical-diffuser, submersible-motor deepwell, and short-set pumps. Overhung Pump types: [OH0], [OH1], [OH1A], [OH2], [OH3], [OH3A], [OH4], [OH5], [OH5A], [OH6], [OH7], [OH8], [OH8B], [OH9], [OH10], [OH11], and [OH12]; Between bearings pump types: [BB1], [BB2], [BB3], [BB4], and [BB5]; Vertical Pump types: [VS0], [VS1], [VS2], [VS3], [VS4], [VS5], [VS6], [VS7], [VS7-1], and [VS-8]; Regenerative turbine pumps: [RT1], [RT2], [RT3], and [RT4]; Special effects pumps: Pitot tube.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Contact: *Karen Van Hentenryck*
Fax: (734) 677-6622
E-mail: Karenvan@HL7.org

BSR/HL7 CDA, R3-201x, HL7 Version 3 Standard: Clinical Document Architecture, Release 3 (revision and redesignation of ANSI/HL7 CDA, R2-2005 (R2010))

Stakeholders: Clinical and public health laboratories, immunization registries, quality reporting agencies, regulatory agency, Standards Development Organizations (SDOs), payers

Project Need: Significant implementation guide development has occurred based on the CDA standard and identified needed changes/enhancements.

The HL7 Clinical Document Architecture (CDA) is a document markup standard that specifies the structure and semantics of "clinical documents" for the purpose of exchange. The CDA 3.0 project will undertake an incremental refresh of the CDA standard. It will include changes needed to reflect the current version of RIM, minor updates to the document mode, additional informative content to a number of topics. Please refer to the ballot description on the HL7 website for a complete list of specific changes being considered as they are too numerous to mention here.

BSR/HL7 EHR RMESFP, R2-201x, HL7 EHR System Records Management and Evidentiary Support Functional Profile, Release 2 (revision of ANSI/HL7 EHR RMESFP R1-2010)

Stakeholders: Regulatory agency, Standards Development Organizations (SDOs), payers

Project Need: The RM-ES Functional Profile (RM-ES FP) is necessary to ensure that records created in EHR systems are trustworthy and actionable and can be used for evidentiary purposes such as legal, regulatory compliance, and clinical business needs.

Release 2 of this standard will identify/support EHR system functionality needed to establish and maintain the authenticity and integrity of electronic health records in a manner that enables their use for clinical, business, compliance and legal evidentiary purposes. Changes considered in this version include, items removed from RM-ES FP R1 at ballot reconciliation, revised functions/criteria, functions/criteria derived from ISO TC215, HL7, the U.S. Office of the National Coordinator's Standards and Interoperability Initiatives, and changes related to record preservation and archiving of information in EHR systems.

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

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

Contact: *Rachel Porter*

Fax: 202-638-4922

E-mail: comments@itic.org

INCITS 499-201x, Information technology - Next Generation Access Control - Functional Architecture (revision of INCITS 499-2013)

Stakeholders: The definitions that will be contained in the NGAC-FA revision will largely be a superset of the existing INCITS 499-2013. Any implementers that are working to the published standard will be able to extend their implementations to comply with the revision with very little or no rework.

Project Need: Bring the overview of NGAC-GOADS contained in INCITS 499-2013 into complete synchronization with the draft proposed NGAC-GOADS standard that is beginning its approval process, and to fully describe the extended Functional Architecture on which that draft depends.

The approval process for NGAC-FA began in late 2011, but owing to a somewhat extended cycle, it was only published as INCITS 499 in mid -2013. A defect list has been maintained for NGAC-FA, and it currently contains 48 items. The vast majority of the defect items concern suggestions for clarification or improvements, and the correction of simple errors. The feedback on the published standard has been overwhelmingly positive, with the worked examples in Annex D being particularly well-received.

INCITS 539-201x, Information technology - Management of Security Credentials Specification (new standard)

Stakeholders: Management of Security Credentials Specification provides easy access for a related set of management elements to gain traction with the development community.

Project Need: The need for the standard arises from the need for common interface for the management of systems across many different vendors.

The Management of Security Credentials Specification describes an open, secure, portable, efficient, and extensible infrastructure for management of systems.

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.1-201x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)

Stakeholders: Anyone with direct and/or material interest in the safe use of lasers is affected. This could include manufacturers, academia, government, DoD, consumers/consumer organizations, health care, industry, professional societies, regulatory agencies, testing laboratories, or trade associations.

Project Need: This will be a realignment of Z136.1 to progress toward a horizontal standard that covers general material and a set of vertical standards for specific cases and situations, namely Z136.2, Z136.3, Z136.5, Z136.6, Z136.7, Z136.8, and Z136.9, as well as the Z136.4 recommended practice.

This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

NENA (National Emergency Number Association)

Office: 3524 Sciotangy Drive
Columbus, OH 43221

Contact: *Roger Hixson*

E-mail: rhixson@nena.org

BSR/PSAP-RR SOP-201x, Public Safety - Railroad Interaction Standard Operating Procedures (new standard)

Stakeholders: Public safety authorities, PSAPs, Railroad Call Center management and personnel, Federal Railroad Administration, railroad field responders, emergency first responders

Project Need: PSAPs may receive emergency calls from railroad call centers, railroad-sworn personnel, or similar parties related to railroad incidents. PSAPs must interact with railroad call centers when the PSAP becomes aware of an incident requiring emergency assistance involving a railroad.

It is of benefit to both railroad and PSAP personnel to have standardized national recommendations and procedures, ensuring a quick and accurate information exchange and coordination of response. The NENA railroad and PSAP working group (WG) will provide information and guidance for updating of NENA 56-507 Railroad Public Safety Answering Points (PSAPs) Interaction document. The WG shall provide updated information and guidance for operational interaction between PSAPs, railroad call centers, railroad-sworn personnel in the field and related railroad responders.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1007 om-201x, Sample location for fiber glass mat sheets (revision of ANSI/TAPPI T 1007 sp-2010)

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

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise it if needed to address new technology or correct errors.

This practice covers the location from which samples are taken from a sheet of fiber glass mat used as a sample test unit for physical property determination.

BSR/TAPPI T NEW WI 3031-201x, Wet pin adhesion of corrugated board by selective separation (new standard)

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

Project Need: Develop a new standard for technology as described in the proposed scope.

This method is used to measure the force required to separate the linerboard facings from the medium in corrugated board after the board has been immersed in water for a period of time. It can be used to evaluate the water-resistance properties or levels in water-resistant adhesive. This procedure mirrors the process in T 821 “Pin adhesion of corrugated board by selective separation,” with differences in how samples are prepared for testing and how results are interpreted.

TCNA (ASC A108) (Tile Council of North America)

Office: 100 Clemson Research Blvd.
Anderson, SC 29625

Contact: *Katelyn Simpson*

Fax: (864) 646-2821

E-mail: KSimpson@tileusa.com

* BSR A108.01-201x, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2013)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category), related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category), and affiliated industries (e.g., stone) and other general interest users of this standard (general interest category).

Project Need: Various stakeholder have suggested that changes be made to the section related to saw-tooth joints (3.7.5).

This specification is intended to describe the general requirements for substrates and subsurfaces and general guidelines for preparation by other trades as it relates to the installation of ceramic tile.

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA/EIA 136-140-C-201x, TDMA Third Generation Wireless Analog Control Channel (new standard)

Stakeholders: Carriers, equipment providers.

Project Need: Update standard.

This part is to be part of the Revision I of TIA/EIA 136, which incorporates support for 3GPP GERAN Release 9. Also included is support for Overload class 12, as per TSB-16-B

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Donna Haders*

E-mail: djh@wherryassoc.com

BSR B74.24-201x, Specification for Abrasive Materials for Blasting (new standard)

Stakeholders: Consumers, producers, general interest.

Project Need: To replace the current A-A-59316 Commercial Item Description (CID) in use.

This is standard is for newly manufactured mineral-type abrasive materials used with pressure-blasting equipment. The abrasives are generally used for blast cleaning metal surfaces to remove scale, rust, paint, encrusted sand, dirt, and other foreign materials, and to prepare surfaces for applied finishes such as paints, plasma spray, and metal painting.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- 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, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview.

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 525-4890
Fax: (703) 276-0793
Web: www.aami.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 429-4197
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

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

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

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

AWC
American Wood Council
803 Sycolin Road
Suite 201
Leesburg, VA 20175
Phone: (202) 463-2770
Fax: (703) 581-1735
Web: www.awc.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

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

ECA
Electronic Components Association
2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.eciaonline.org

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

GTESS
Georgia Tech Energy & Sustainability Services
75 Fifth Street N.W
Suite 300
Atlanta, GA 30332-0640
Phone: (404) 558-5948
Fax: (404) 894-1192
Web: www.innovate.gatech.edu

HI
Hydraulic Institute
6 Campus Drive
1st Floor, North
Parsippany, NJ 07054-4406
Phone: (973) 267-9700 x119
Fax: (973) 267-9055
Web: www.pumps.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

IESNA
Illuminating Engineering Society of North America
120 Wall Street, 17th Floor
New York, NY 10005
Phone: (212) 248-5000, ext 123
Fax: (212) 248-5017
Web: www.iesna.org

ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5741
Fax: 202-638-4922
Web: www.incits.org

LIA (ASC Z136)
Laser Institute of America
13501 Ingenuity Drive
Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Fax: (407) 380-5588
Web: www.laserinstitute.org

NEMA (ASC C82)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NENA
National Emergency Number Association
3524 Sciotangy Drive
Columbus, OH 43221
Phone: (202) 618-4405
Web: www.nena.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48104
Phone: (734) 827-3817
Fax: (734) 827-7875
Web: www.nsf.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

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

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

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145-1967
Web: www.uama.org

UL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3416
Fax: (847) 664-3416
Web: www.ul.com

NOTE: The following is provided for public information only, and requires no comment.

ANSI Accreditation Committee on Product/Process/Services Certification Bodies
Matters Related to ISO/IEC 17065

Explanations

Through participation in the development of ISO/IEC 17065 and through the development and delivery of various workshops on this standard, ANSI has identified certain clauses that will be more easily understood and applied consistently if additional explanation is provided regarding them. The following are explanations of what the words in ISO/IEC 17065 already state – they are NOT interpretations of the requirements nor do they limit the evidence of fulfillment that certification bodies can offer during assessments performed in accordance with ISO/IEC 17011.

ISO/IEC 17065, 4.2.3 *"The certification body shall identify risks to its impartiality on an ongoing basis."*
The term "identify" is used and is distinctly different than "address" or "respond to". The use of "identify" indicates a proactive effort to find risks to impartiality. The use of "ongoing basis" indicates a continuous activity.

ISO/IEC 17065, 4.2.4 *"... information [regarding elimination or minimization of risks to impartiality] shall be made available to the mechanism specified in 5.2."*
The participants in the 5.2 mechanism will have access to information about the elimination or minimization of impartiality risks supplied by the certification body.

ISO/IEC 17065, 7.4.9, Note 2 *"The certification scheme can indicate whether the evaluation is performed ... prior to the application (see 7.2) for the certification process. In the latter case the requirements of 7.4 are not applicable."*
ISO/IEC 17065, 7.4.4 *"The certification body shall ... manage outsourced resources (see 6.2.2) in accordance with the evaluation plan."*
When the scheme specifies that evaluation happens prior to application to the certification body, then the scheme is indicating the evaluation is not part of the certification process completed by the certification body. As a result, such an evaluation is NOT outsourced by the certification body since the scheme has indicated the certification body is not involved in the evaluation.
When the scheme specifies that evaluation happens prior to application, then 7.4 does not apply, which means 7.4.5 does not apply. Clause 7.4.5 only applies when the scheme indicates the evaluation will be performed by the certification body or under its responsibility. When these conditions exist, the requirements in 7.4.5 apply when the certification body decides to use the results of evaluation (the entire evaluation or any part thereof) completed before the application. ISO/IEC 17065 is thus stating those evaluation results CAN be used even when the scheme indicates the evaluation will be performed by the certification body or under its responsibility.

ISO/IEC 17065, 7.4.5 *"The certification body shall only rely on evaluation results related to certification completed prior to the application for certification where it ... satisfies itself that the body that performed the evaluation fulfills the requirements contained in 6.2.2 ..."*
The only requirements in 6.2.2 that the certification body must concern itself with are those that apply to the body that generated the evaluation results being used (results of the entire evaluation or any part thereof), which are the requirements in 6.2.2.1. The other requirements in 6.2.2 that apply directly to the certification body itself can not apply to the body that generated the

evaluation results being used – the body that generated the results cannot possibly fulfill the requirements that apply to the certification body. Note as well that 7.4.5 makes no mention of this use of evaluation results as "outsourcing" – however it does "borrow" the 6.2.2.1 requirements for outsourced evaluation and applies them to this situation.

ISO/IEC 17065, 6.2.1 *"When a certification body performs evaluation activities ... it shall meet the applicable requirements of the relevant International Standard ..."*
The certification body must decide which International Standard is relevant for each of the evaluation activities it performs. In some cases this may be a "best fit" selection, even though the International Standard (ISO/IEC 17020, ISO/IEC 17021, or ISO/IEC 17025 is not specifically written for the specific evaluation activity). In all cases, and especially this "best fit" situation, the certification body must decide what requirements from the chosen International Standard are applicable to the evaluation activity. The same is true for evaluation activities outsourced per the requirements in 6.2.2.1.

ISO/IEC 17065, 6.1.2 Management of competence for personnel involved in the certification process
ISO/IEC 17065, 6.2.1 *"When a certification body performs evaluation activities ... it shall meet the applicable requirements of the relevant International Standard ..."*
ISO/IEC 17065, 6.2.1 Note *"Examples of reasons as to why some requirements are not applicable include ... a particular requirement is covered in an equivalent way by this International Standard ..."*
Many requirements in 6.1.2 and 6.1.3 are duplicated in International Standards related to evaluation activities. For internal personnel performing evaluation, the certification body can meet either the requirement in ISO/IEC 17065 OR the same requirement in the International Standard it chooses as relevant to the evaluation activity.

ISO/IEC 17065, 6.1.2.1 *"The certification body shall establish, implement and maintain a procedure for the management of competencies of personnel involved in the certification process (see Clause 7)."*
ISO/IEC 17056, 7.4.2 Note *"Outsourced tasks are completed by personnel usually assigned by the organization to which the task is outsourced. Such personnel are not normally assigned by the certification body."*
The requirements in 6.1.2 and 6.1.3 do not apply to the personnel who are assigned evaluation tasks by organizations to which the evaluation is outsourced. The international standards and other requirements in 6.2 apply to the management of competencies, impartiality, and the confidentiality obligations of personnel in organizations to which evaluations have been outsourced.

ISO/IEC 17065, 7.5.1 *"... The review shall be carried out ..."*
ISO/IEC 17065, 3 *"For the purposes of this document, the terms and definitions given in ISO/IEC 17000 ... apply"*
ISO/IEC 17000, 5.1 *"Review – verification of the suitability, adequacy and effectiveness of [evaluation] activities, and the results of these activities ..."*
A review is required in the certification process without exception and must be verification of the suitability, adequacy, and effectiveness of [evaluation] activities, and the results of evaluation. Full information regarding the evaluation and the results must be available to the individual(s) performing review. Without full information (e.g., relying solely on an existing certification without complete evaluation information) a review, by definition, is not possible.

ISO/IEC 17065, 7.5.1 *"The certification body shall assign at least one person to review ..."*
Only the certification body can assign the person(s) performing the review. Because there are no requirements for outsourcing review, the certification body shall meet all requirements in 6.1.2 and 6.1.3 for the person(s) it assigns to perform the review. However, once all these requirements are fulfilled, there are no restrictions on whether the person(s) assigned to review are employed or contracted by other organizations.

ISO/IEC 17065, 7.5.1 *"The review shall be carried out by a person(s) who have not been involved in the evaluation process."*
The details of the certification process are set by the certification scheme. ISO/IEC 17065, section 7 is the requirements for the certification body as it executes the certification scheme for the products within the scope of certification covered by the application. As a result, the person(s) involved in the evaluation process are those person(s) involved in any evaluation activity for products covered by the process starting with the application. A person can be involved in evaluation activities covered by one application and be involved in review for products covered by a different application. However, the same person cannot be involved in the evaluation activities and the review for products covered by the same application. The same logic applies to person(s) assigned to make a certification decision.

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.

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 18338, Metallic materials - Torsion test at ambient temperature - 6/27/2014, $71.00

PLASTICS (TC 61)

ISO/DTR 17801, Standard table for reference global solar spectral irradiance at sea level - Horizontal, relative air mass 1 - 7/12/2014

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO/DIS 9000, Quality management systems - Fundamentals and vocabulary - 7/12/2014

ROAD VEHICLES (TC 22)

ISO/DIS 13948-1, Diesel engines - Fuel injection pumps and fuel injector - Part 1: Threaded connections - 7/6/2014, $53.00

STEEL (TC 17)

ISO/DIS 6935-2, Steel for the reinforcement of concrete - Part 2: Ribbed bars - 7/12/2014

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 23671, Passenger car tyres - Method for measuring relative wet grip performance - Loaded new tyres - 7/12/2014

ISO/IEC JTC 1, Information Technology

ISO/IEC 15444-5/NP Amd2, Information technology - JPEG 2000 image coding system: Reference software - Amendment 2 - 7/12/2014

ISO/IEC 14651:2011/PDAM 2, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Draft Amendment 2 - 5/9/2014

ISO/IEC DIS 19845, Information technology - Universal Business Language Version 2.1 (UBL v2.1) - 7/5/2014, $194.00

ISO/IEC DIS 26300-1, Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 1: OpenDocument Schema - 7/12/2014, $311.00

ISO/IEC DIS 26300-2, Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 2: Recalculated Formula (OpenFormula) Format - 7/12/2014, $203.00

ISO/IEC DIS 26300-3, Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 3: Packages - 7/12/2014, $102.00

Newly Published ISO & IEC Standards

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

ISO Standards

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

ISO 4427-2/Amd1:2014, Plastics piping systems - Polyethylene (PE) pipes and fittings for water supply - Part 2: Pipes - Amendment 1, $22.00

ROAD VEHICLES (TC 22)

ISO 15118-2:2014, Road vehicles - Vehicle-to-Grid Communication Interface - Part 2: Network and application protocol requirements, $314.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 17602:2014, Ships and marine technology - Metal valves for use in flanged pipe - Face-to-face and centre-to-face dimensions, $99.00

TOURISM AND RELATED SERVICES (TC 228)

ISO 14785:2014, Tourist information offices - Tourist information and reception services - Requirements, $99.00

ISO 21103:2014, Adventure tourism - Information for participants, $66.00

ISO 24801-1:2014, Recreational diving services - Requirements for the training of recreational scuba divers - Part 1: Level 1 - Supervised diver, $88.00

ISO 24801-2:2014, Recreational diving services - Requirements for the training of recreational scuba divers - Part 2: Level 2 - Autonomous diver, $114.00

ISO 24801-3:2014, Recreational diving services - Requirements for the training of recreational scuba divers - Part 3: Level 3 - Dive leader, $99.00

ISO 24802-1:2014, Recreational diving services - Requirements for the training of scuba instructors - Part 1: Level 1, $88.00

ISO 24802-2:2014, Recreational diving services - Requirements for the training of scuba instructors - Part 2: Level 2, $88.00

ISO Technical Specifications

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/TS 16095:2014, Reclaimed rubber derived from products containing mainly natural rubber - Evaluation procedure, $66.00

ISO/TS 16096:2014, Reclaimed isobutene-isoprene (IIR) rubber - Evaluation procedure, $66.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 17419:2014, Intelligent transport systems - Cooperative systems - Classification and management of ITS applications in a global context, $180.00

ISO/TS 17423:2014, Intelligent transport systems - Cooperative systems - ITS application requirements and objectives for selection of communication profiles, $165.00

ISO/IEC JTC 1, Information Technology

OTHER

ISO/IEC TS 17021-5:2014, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 5: Competence requirements for auditing and certification of asset management systems, $58.00

IEC Standards

TERMINOLOGY (TC 1)

IEC 60050-395 Ed. 1.0 b:2014, International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors, $411.00

IEC 60050-651 Ed. 2.0 b:2014, International Electrotechnical Vocabulary - Part 651: Live working, $278.00

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

Association of Chinese Students of Private Schools of America

Public Review: March 21 to June 13, 2014

IdenTrust Services, LLC

Public Review: March 14 to April 12, 2014

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

PINS Correction

BSR/NISO Z39.101-201x

The address listed for BSR/NISO Z39.101-201x in PINS section of the issue of Standards Action dated 4/4/2014 was incorrect. Below is a correction:

NISO (National Information Standards Organization)
Cynthia Hodgson
hodgsonca@verizon.net
(301) 654-1523
3600 Clipper Mill Road
Baltimore, MD 21211
www.niso.org

ANSI Accredited Standards Developers

Approval of Reaccreditation

Interstate Renewable Energy Council (IREC)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Interstate Renewable Energy Council (IREC), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on IREC-sponsored American National Standards, effective April 9, 2014. For additional information, please contact: Ms. Laure-Jeanne Davignon, Director of Credentialing Program, Interstate Renewable Energy Council Inc., 125 Wolf Road, Suite 404, Albany, NY 12205; phone: (518) 578-4718; e-mail: laurejeanne@irecusa.org.

Reaccreditation

American Wind Energy Association (AWEA)

Comment Deadline: May 12, 2014

The American Wind Energy Association (AWEA), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on AWEA-sponsored American National Standards. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of AWEA's revised procedures or to offer comments, please contact: Ms. Michele Myers Mihelic, Director, Worker Health and Safety Policy and Standards Development, American Wind Energy Association, 1501 M Street NW, Suite 1000, Washington, DC 20005; phone: 202.249.7344; e-mail: mmihelic@awea.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 AWEA by May 12, 2014, 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

Quality Certification Services

Comment Deadline: May 12, 2014

Ramkrishnan Balasubramanian
Chief Operating Officer
Quality Certification Services
1810 NW 6th Street, Suite F,
Gainesville, FL 32609
E-mail: ram@qcsinfo.org
Web: www.qcsinfo.org

On April 4th, 2014, the ANSI Accreditation Committee voted to approve a grant for Initial Accreditation to Quality Certification Services for the following scopes:

ISO/IEC Guide 65

GLOBALG.A.P. General Regulations Integrated Farm Assurance: (IFA)

Option 1- Individual Producer Certification
Crops Base:
Fruit and Vegetables
Combinable Crops
Green Coffee
Tea
Flowers & Ornamentals
Aquaculture Base,
Fish, crustaceans, mollusks

Option 2- Producer Group Certification
Crops Base:
Fruit and Vegetables
Combinable Crops
Green Coffee
Tea
Flowers & Ornamentals
Aquaculture Base
Fish, crustaceans, mollusks

GLOBALG.A.P.: Product Safety Standard (PSS) (Required update to IFA Oct 2013)

GLOBALG.A.P.: Compound Feed Manufacturing (CFM) Standard

GLOBALG.A.P.: Chain of Custody- Crops and Aquaculture Standard

Please send your comments by May 12, 2014 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, Senior 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)

Administration of a U.S. TAG

U.S. TAG to ISO/TC 34/SC 18 – Cocoa

Comment Deadline: April 25, 2014

The American Oil Chemists' Society (AOCS) has requested ANSI to delegate the responsibilities of the administration of the US Technical Advisory Group (TAG) to TC 34/SC 18 to AOCS. The scope of TC 34/SC 18 is as follows:

> Standardization in the field of cocoa, including, but not limited to, terminology, sampling, product specifications, test methods, and requirements and verification criteria for determination of the sustainability and traceability of cocoa respectively.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team isot@ansi.org by April 25, 2014.

Call for US/TAG Administrator

ISO TC 29/SC 9 – Tools with Defined Cutting Edges, Cutting Items

ANSI has been informed that, Cemented Carbide Producers Association (CCPA), the ANSI-accredited US/TAG administrator for ISO/TC 29/SC 9, wishes to relinquish the role as US/TAG administrator.

ISO TC 29/SC 9 operates under the following scope:

> Tools with defined cutting edges, cutting items having functional dimensions linked with cutting edges

Organizations interested in serving as the US/TAG administrator should contact ISOT@ansi.org.

Establishment of Subcommittee

ISO/TC 282/SC 1 – Treated Wastewater Re-Use for Irrigation

TC 282, subject also to ratification from the TMB, has created a new ISO subcommittee on Treated wastewater re-use for Irrigation (ISO/TC 282/SC 1). The secretariat has been assigned to Israel (SII).

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

Meeting Notices

ASC Z133 – Arboriculture Operations – Safety Requirements

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations —Safety Requirements) will take place on April 16, 2014, at the Embassy Suites–BWI in Linthicum, Maryland. Recommendations for the anticipated 2017 Z133 standard revision will be discussed. For more information, please contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone +1 217.355.9411, ext. 259, or e-mail jhuber@isa-arbor.com.

Revision of BTS-2000/AHRI-1500

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting at AHRI headquarters in Arlington, Va. on April 29 from 10 a.m. to 5 p.m., and April 30 from 8 a.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Aykut Yilmaz, ayilmaz@ahrinet.org. Please notify by Friday, April 18 if you wish to attend.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 86/SC3 – Testing and Rating of Factory-Made Refrigeration Systems
ISO TC 86/SC7 – Testing and Rating of Commercial Refrigerated Display Cabinets

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 86/SC 3 (Testing and rating of factory-made refrigeration systems) and TC 86/SC 7 (Testing and rating of commercial refrigerated display cabinets). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 86/SC 3 and ISO/TC 86/SC 7 to AHRI (Air-Conditioning, Heating, and Refrigeration Institute). AHRI has advised ANSI of its intent to relinquish its role as delegated secretariat for these committees.

These committees operate under the following scope:

> *Standardization in the fields of refrigeration and air-conditioning, including terminology, mechanical safety, methods of testing and rating equipment, measurement of sound levels, refrigerant and refrigeration lubricant chemistry, with consideration given to environmental protection. The scope includes factory-assembled air-conditioners (cooling), heat pumps, dehumidifiers, refrigerants, and refrigerant reclaiming and recycling equipment as well as other devices, components and equipment such as humidifiers, ventilation equipment and automatic controls used in air-conditioning and refrigeration systems that are not covered by other ISO technical committees.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 86/SC 3 and TC 86/SC 7. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

If no U.S. organization steps forward to assume the ISO/TC 86/SC 3 and TC 86/SC 7 secretariats, or if there is insufficient support for ANSI to assume direct administration of these activities, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of these committees. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

Information Concerning

International Organization for Standardization (ISO)

Delegation of ISO Secretariat

ISO/TC 260 – Human Resources Management

Both the Society for Human Resource Management (SHRM) and The University of Texas Medical Branch (UTMB) have requested that ANSI delegate to them the secretariat responsibilities for ISO/TC 260 Human Resource Management. In accordance with ANSI International Procedures, clause 1.5.5, the ANSI ISO Council (AIC) shall make all decisions concerning the assignment of the administration of secretariats, including the granting, continuance, or withdrawal of such assignments to external organizations or to ANSI. Further, if more than one organization is interested in administering a secretariat, the AIC shall base its decision on all relevant information provided.

Based on a complete review of the information provided by both SHRM and UTMB, and in light of the full set of requirements necessary to undertake the Secretariat of ISO TC 260, the ANSI ISO Council (AIC) has determined that neither SHRM nor UTMB satisfies all of the requirements necessary to be considered for the delegation of the Secretariat to ISO TC/260. Instead, the AIC has determined that the status quo be maintained and that ANSI should continue to serve as the Secretariat to ISO TC/260, seeking broad-based financial support from the relevant stakeholders, in accordance with Section 1.5.5 of the ANSI International Procedures.

Any directly and materially affected interest may appeal the decision of the AIC within 15 working days of the announcement in accordance with Section 1.5.5. Please contact Steven Cornish, AIC Secretary, (scornish@ansi.org) for additional information.

Information Concerning

International Electrotechnical Commission (IEC)

IEEE Relinquishes USNC TAG Administratorship for IEC/TC 99

Comment Deadline: April 25, 2014

The Institute of Electrical and Electronics Engineers (IEEE) has announced to the USNC Office that it is relinquishing immediately its assignment as the TAG Administrator for the following USNC Technical Advisory Group:

USNC TAG for IEC/TC 99 – System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and 1,5 kV d.c., particularly concerning safety aspects

Scope IEC/TC 99: (a) standardization of common rules for system engineering and erection of electrical power installations with nominal voltages above 1 kV a.c. and 1,5 kV d.c., for power generation, transmission, distribution, and consumer premises, with particular consideration of safety aspects; and

(b) standardization of particular requirements for power generation, transmission, distribution, and industrial installations, with nominal voltages above 1 kV a.c. and 1,5 kV d.c. in both indoor and outdoor situations.

If any entities are interested in being considered for assignment as TAG Administrator for this TAG, they are invited to contact Tony Zertuche, USNC Deputy General Secretary at tzertuche@ansi.org. The USNC Technical Management Committee (TMC) will consider the expressions of interest received and will allocate this assignment as appropriate.

American Water Works Association (AWWA)

Substantive Changes for Public Review:
AWWA C520-xx – (Revision of ANSI/AWWA C520-2010)

Added clarification of valve type to section 4.3.3.4 Guides:

4.3.3.4 Guides. The internal structure of unidirectional-seated valve bodies shall have one or more cast or welded guides on the side of the gate opposite the seat. Bonnetless valves 20" and larger shall have external gate guides when the valve is to be installed with its shaft horizontal and perpendicular to the pipe's horizontal longitudinal axis.

Added clarification of requirements for bonneted and bonnetless valve bodies to section 5.1.2:

5.1.2 *Hydrostatic (body and bonnets) test*. Each bonneted and bonnetless valve body, including the bonnet if part of the pressurized shell, shall be hydrostatically pressure-tested at 1.5 times the rated working pressure with no visible leakage allowed nor shall any parts have permanent visible deformation. Leakage through the packing of bonneted valves or past gate seal of bonnetless valves, at pressures above 100% of rated pressure, shall not be cause for rejection. The test fluid shall be water at a temperature not to exceed 125 F (50 C)."

Added additional requirements to seat test section 5.1.3:

5.1.3 *Seat test.* After the hydrostatic test, each valve shall have the gate closed and be ~~hydrostatically~~ seat tested ~~at 40 psi (2.8 bars) differential pressure applied on the side opposite the seat. Test duration shall be a minimum of 15 seconds~~ in each direction at design pressure, with no visible leakage for resilient seated valves and 2.44 cubic inches (40 cc)/ minute per inch diameter (NPS) for metal seated valves. Differential pressure shall be applied on the side opposite the seat. Test duration shall be a minimum of 15 seconds. Valves rated at pressures lower than 40 psi shall be seat tested at their maximum rated pressure.

Tracking #49i55r1 **Revision to NSF/ANSI 49-2012**
 Issue 55, Draft 1 (March 2014)

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

-
-
-

2 Normative references

-
-
-

~~*IES Lighting Handbook*~~ *The Lighting Handbook: Reference and Application*, 10th Edition, 2011[1]

-
-
-

Annex A
(normative)

Performance tests

-
-
-

A.2.2 Apparatus

A.2.2.1 An aerosol photometer with linear or expanded logarithmic scale shall be used. The instrument shall be capable of indicating 100% upstream concentration with an aerosol of 10 μg/L of polydisperse dioctylphthalate (DOP) particles, or an equivalent fluid, which provides the same particle size distribution (e.g., polyalpha olefin [PAO], di[2-ethylhexyl], sebecate, polyethylene glycol, and medicinal-grade light mineral oil)[2] produced by the generator described in Annex A, section A.2.2.2. It shall also be capable of detecting an aerosol of 1 x 10^{-3} % of the same particles. The sampling rate of air shall be at least 1 ft^3/min (5 x 10^{-4} m^3/s) ± 10%. The probe area shall have a maximum open area of 1.7 in^2 (11 cm^2) and a minimum dimension of 0.5 in (1.3 cm). The photometer shall be calibrated in accordance with the photometer manufacturer's instructions or with IEST-RP-CC-013 if instructions are not provided.

A.2.2.2 An aerosol generator of the Laskin Nozzle type conforming to Annex A, figure A1 or equivalent shall be used to create an aerosol by flowing air through liquid DOP or an equivalent substitute. When a Laskin nozzle generator is used, the compressed air supplied to the generator should be adjusted to a minimum of 20 psi (140 kPa), if using DOP or 23 psi (160 kPa) if using PAO, measured at the generator manufacturer's recommended location. The nozzles shall be covered with liquid to a depth not to exceed

[1] Illuminating Engineering Society, ~~345 E. 47th St., New York, NY *10017*~~ 120 Wall Street, Floor 17, New York, NY 10005-4001 <www.iesna.org>

[2] Hinds, W., Macher, J., First M. W. *Size Distributions of Aerosols Produced from Substitute Materials by the Laskin Cold DOP Aerosol Generator*. 16th Dept. of Energy Nuclear Air Cleaning Conference; and Yan, X., First, M. W., Rudnick, S. N. *Characteristics of Laskin Nozzle Generated Aerosols*. Proc. 21st Nuclear Air Cleaning Conference. M. W. First, Ed., N. T. I. S., Springfield, VA, Feb. 1991. p.116.

1.25 in (~~2.5 cm~~ 31 mm).

-
-
-

A.3.2 Apparatus

The measuring instrument shall be a type/class 1 sound level meter ~~having a minimum accuracy of +/- 1 db and resolution of 1db~~ with a minimum range of 50 to 100 db and an "A" weighting scale set up accordance with the manufacturer's instructions.

-
-
-

A.4.2 Apparatus

~~A portable photoelectric illumination meter approved for field measurement in accordance with the Illuminating Engineering Society (IES) Lighting Handbook23 and accurate to ±10% shall be used. The illumination meter shall be calibrated in accordance with the manufacturer's instructions.~~

A portable photoelectric illuminance meter, as described in The Lighting Handbook[1], Section 9.8.1. The meter shall be accurate within +/- 10% , cosine and color corrected. The illuminance meter shall be calibrated in accordance with the manufacturer's instructions.

~~[5] Illuminating Engineering Society, 345 E. 47th St., New York, NY *10017* <www.iesna.org>~~

-
-
-

A.5.2 Apparatus

A vibration analyzer with an accuracy of 5% of full scale and a minimum reading of 1.0×10^{-4} in (2.5 µm) rms amplitude or the ability to detect differences of this magnitude, set up in accordance with the manufacturer's instructions.

-
-
-

A.5.4 Acceptance

Net displacement shall not exceed 2×10^{-4} in (5 µm) ~~(5×10^{-6} m)~~ rms amplitude at 10 to 10 kHz in the center of the work surface(s).

-
-
-

A.6.2 Materials

– spores of *Bacillus subtilis* var. *niger* (*B. subtilis*), ATCC 9372[3], or NCTC No. 10073[4]; and

[3] American Type Culture Collection, Rockville, MD <www.atcc.org>.

[4] National Collection Type Culture, London, England <www.ukncc.co.uk/>.

– sterile diluent prepared as follows:

a.1) Step 1: concentrated diluent phosphate buffer solution (PBS):

– dissolve 34 g KH_2PO_4 in 500 mL distilled water;

– adjust pH to 7.2 ± 0.5 with 1 N NaOH at 77 °F (25 °C); and

– dilute to 1 L with distilled water.

a.2) Step 2: final diluent PBS:

– distilled H_2O – 1 L;

– stock PBS step 1 – 1.25 mL;

– final pH – 7.2 ± 0.5;

– autoclave at 250 °F (120 °C) for 15 min; and

– optional – magnesium sulfate (50 g $MgSO_4 \cdot 7H_2O$ per L distilled water) – 5.0 mL.
Or

b)

– distilled water – 1 L;

– adjust pH to 7.0 ± 0.1 at 77 °F (25 °C);

– autoclave at 250 °F (120 °C) for 15 min;

NOTE – Formula b) is suitable for diluent when spore suspension is prepared for immediate use. When storage of diluent suspension at 39.2 °F (4 °C) is required, formula a) should be used;

– petri plates (100 x 15 mm and 150 x 22 mm) containing nutrient agar, trypticase soy agar[5], or other suitable growth medium with no inhibitors or other additives;

– six AGI-30 samplers (flow rate calibrated at 12.3 to 12.6 L/min) containing 20 mL of sterile diluent. The AGI-30 samplers shall be Ace Glass, Inc., Vineland, NJ, Catalog Number 7540-10, air sampling impingers, or equivalent;

– two slit-type air samplers operating at a rated flow of 1.0 ± 0.05 ft^3/min (28 ± 1.4 L/min);

– refluxing 6-jet modified MRE-type short-form colision nebulizer (available as Model CN-38 Nebulizer [Model NSF CN-31/I] from BGI, Inc., Waltham, MA) or

[5] BBL Microbiological Systems, Cockeysville, MD 21030 <www.bd.com>.

any other nebulizer ~~that can be~~ demonstrated to produce a bacterial aerosol of equivalent characteristics.

– one 2.5 in (63 mm) outside diameter stainless steel, steel, or aluminum cylinder with closed ends shall be used to disrupt the airflow. The length is to be determined by the size of the cabinet interior. One end butts against the back wall of the work area and the other end protrudes at least 6.0 in (15 cm) into the room through the work access opening of the cabinet;

– A pressure gauge having a minimum range of 0 – 30 psi (0 - 210 kPa) maximum range of 0 – 50 psi (0 - 340 kPa) with a resolution and accuracy of 1 psi (7 kPa) calibrated by the manufacturer or in accordance with the manufacturer's instructions shall be used for operation of the Nebulizer.

●
●
●

A.7.2 Apparatus

- compression force gauge or extension spring balance, calibrated in pounds, with an accuracy of +/- ~~5~~1% full scale;or

NOTE – Where an extension type spring balance is used, force shall be applied as "pull" at opposite side of device from that specified in methods below.

– test loads;

– 250 lb (11~~0~~4 kg) uniformly distributed over an area of 10 x 10 in (250 x 250 ~~c~~mm); and

– 50 lb (23 kg) uniformly distributed over an area 10 x 10 in (250 x 250 ~~c~~mm).

– dial indicator with a minimum accuracy of 0.001 in (0.02 mm).

●
●
●

A.7.4 Resistance to distortion under applied forces

A.7.4.1 Method

a) Bolt the device securely to a firm base or floor to prevent overturning and lateral movement.

b) Apply a force of 250 lb (~~110 kg~~1120 N) at top rear and one top side edge. Measure the forward deflection of the top front edge and opposite top side edge with a dial indicator ~~micrometer~~ (see Annex A, figures A11 and A12, respectively).

Report the deflection.

A.7.4.2 Acceptance

The top front edge and the top of the sides shall not move forward more than 0.062 in (1.6 mm) from a static position when a 250 lb (~~110 kg~~1120 N) lateral force is applied to the top rear edge and top of the opposite side, respectively.

A.7.5 Resistance to deflection of work surface under load

A.7.5.1 Method

a) ~~Measure the distance from the center point of the front edge of the work surface to the floor.~~ Secure the dial indicator to a rigid stand and position it at the front edge of the work tray, as shown in figure A13. The stand shall be positioned on the floor in front of the cabinet.

b) Zero the dial indicator and ~~P~~place the 50 lb (23 kg) test load at the center of the work tray ~~surface~~, distributed over an area 10 x 10 in (250 x 250 ~~c~~mm). Remove the test load and ~~measure the distance from the center point of the front edge of work surface to the floor~~ record the distortion measured by the dial indicator (see Annex A, figure A13).

A.7.5.2 Acceptance

~~There shall be no p~~Permanent deflection of the work ~~surface~~ tray shall not exceed 0.001 in (0.02 mm) after the 50 lb (23 kg) test load is applied and removed.

A.7.6 Resistance to tipping under load (applicable only to freestanding devices with work surfaces)

A.7.6.1 Method

Place the 250 lb (110~~4~~ kg) test load centered from right to left of the work area ~~surface~~ on the leading edge of the cabinet (see Annex A, figure A14).

A.7.6.2 Acceptance

The rear bottom of the cabinet shall not lift off the floor more than 0.062 in (1.6 mm)~~)~~ when a 250 lb (110~~4~~ kg) test load is applied.

-
-
-

A.10.2 Apparatus

~~A source of visible cold smoke such as titanium tetrachloride.~~ A visible aerosol or mist that is close to neutrally buoyant in air. The generation process should not create a velocity sufficient to interfere with the air patterns being observed.

NOTE – Titanium tetrachloride is corrosive and should be handled with care.

-
-
-

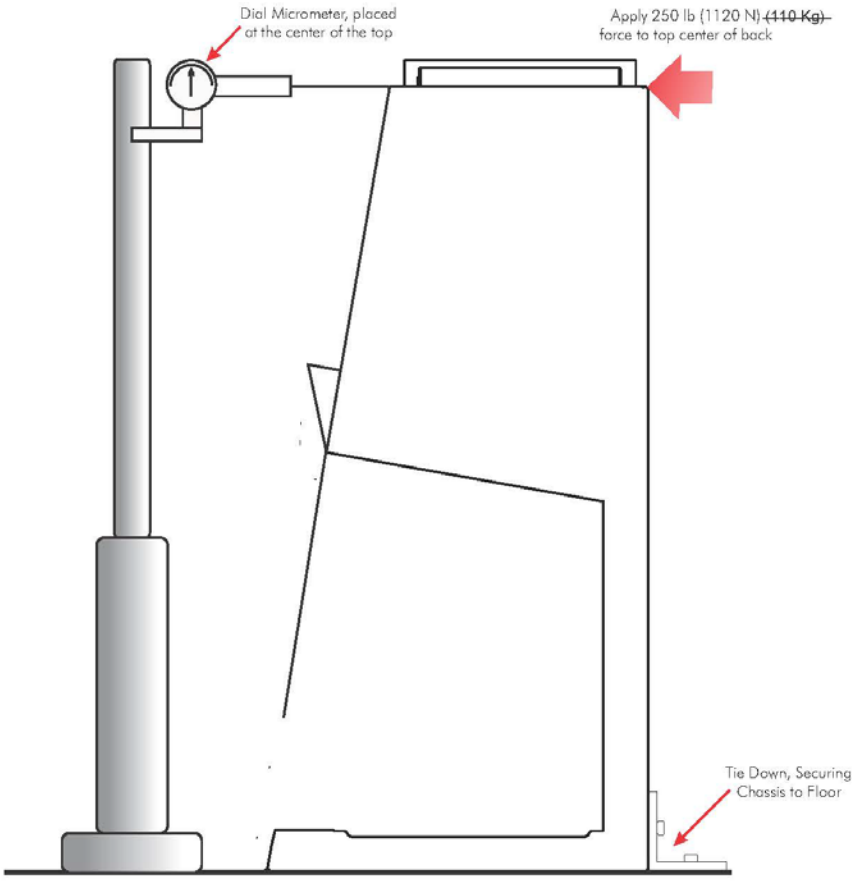

Figure A11 - Resistance to Distortion Test

-
-
-

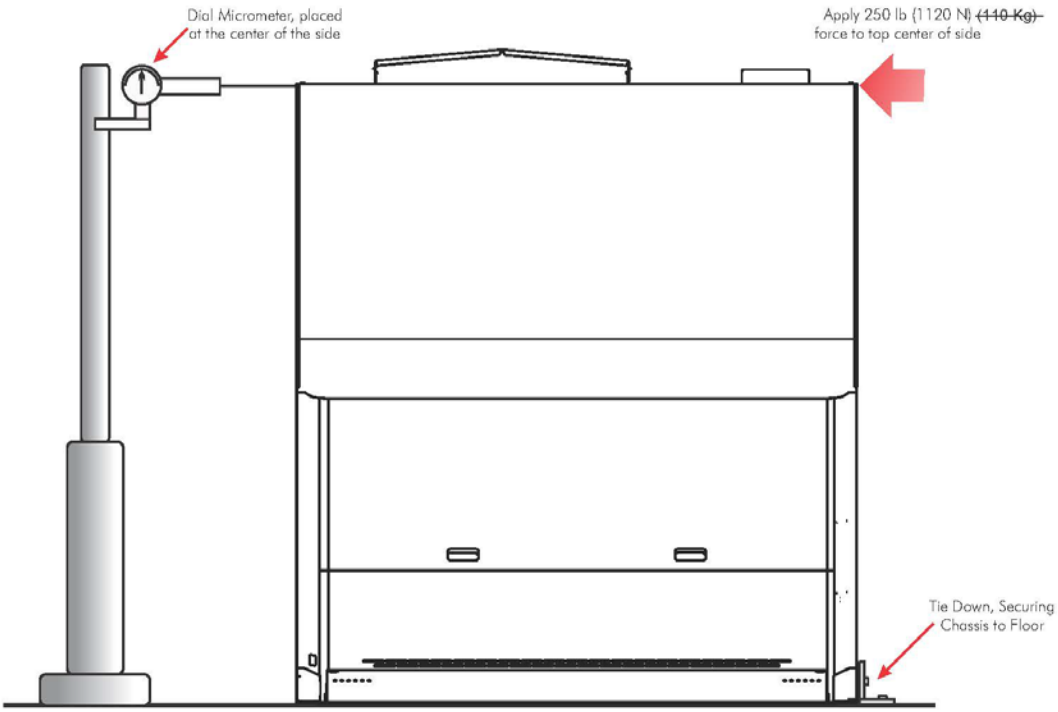

Figure A12 - Resistance to Distortion Test

-
-
-

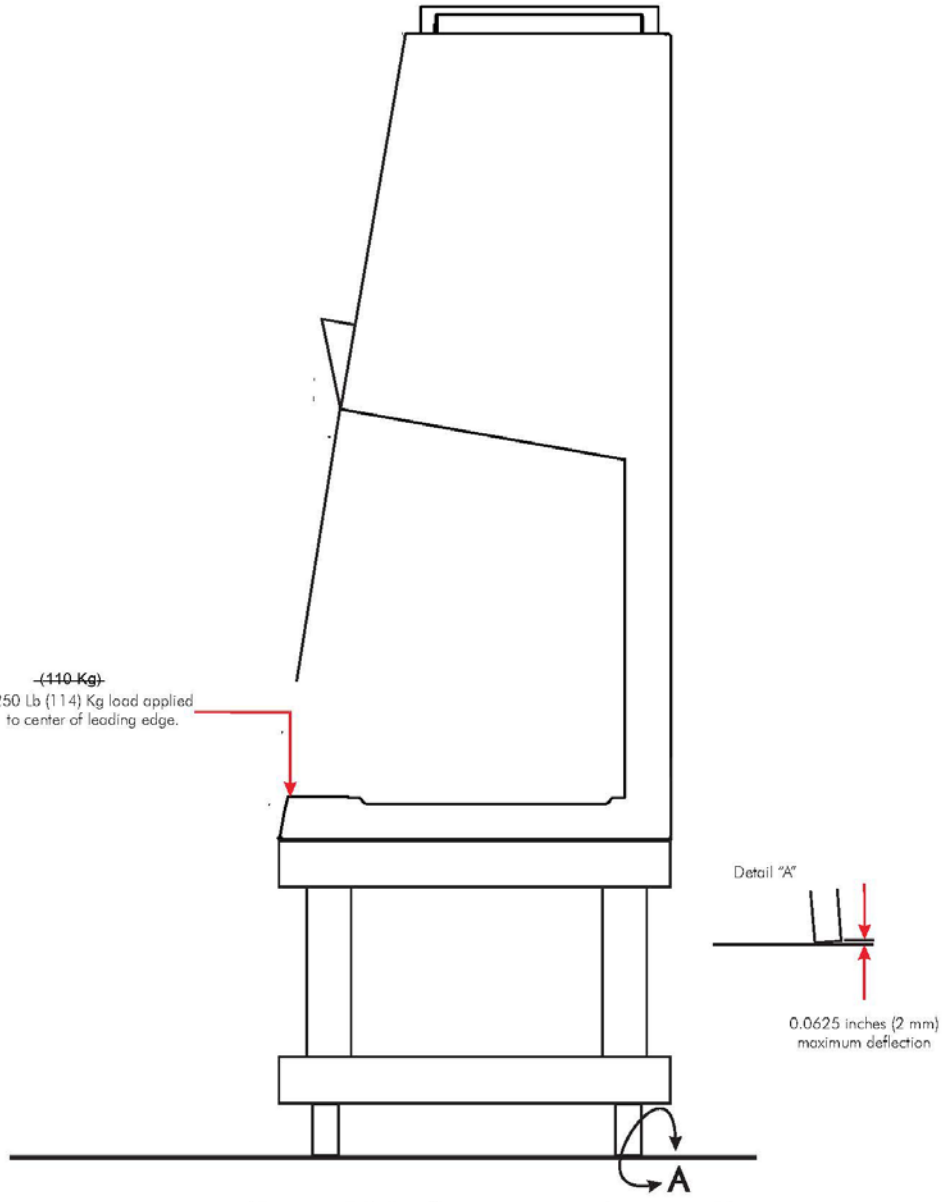

Figure A14 - Resistance to Tipping Test

-
-
-

Annex B
(normative)

-
-
-

B.1.3 Using the condition of Annex B, section B.1.2, Method 1, measure the exhaust flow, non-back pressure compensated, both with the device installed and removed. Record at least five readings in each instance. The difference should not exceed 2%. Then run the cabinet at no fewer than three airflow velocities in a range spanning the highest and lowest airflows the device ~~will~~is to be required to measure. Record at least five readings of the device and of the flow meter, or orifice meter, and calculate the difference. The average difference should not exceed 2%.

B.1.4 Using the configuration of Annex B, section B.1.2, Method 2, measure the exhaust flow, non-back pressure compensated, both with the device installed and with it removed. Record at least five readings in each instance. The difference should not exceed 2%. Then, run the cabinet at no fewer than three airflow velocities in a range spanning the highest and lowest airflows the device ~~will~~is to be required to measure. Record at least five readings of the device and of the flow hood on the cabinet exhaust and calculate the difference. The average difference should not exceed 2%.

-
-
-

Annex F
(normative)

Field tests

~~These are factory testing requirements and may be more stringent than field testing in this annex relating to variability in the field (ideal conditions).~~ Factory testing shall be done according to Annex A.

-
-
-

F.3.3.2 Direct inflow measurement method

a) Seal by taping the device to the center of the front opening of a biosafety cabinet. Seal the open areas on either side of the capture hood portion of the DIM as necessary.

b) All cabinet and exhaust blowers ~~must~~shall be operating. Take at least five non-back pressure compensated readings readings and average them to determine inflow volume rate. Care should be taken not to restrict the airflow through the instrument intake area.

c) Calculate the average inflow velocity in feet/minute (meters/second) by dividing the average inflow volume rate in cubic feet/minute (cubic meters/second) by the work access opening area in square feet (square meters).

d) Include the following in reported data: individual inflow volume rate readings, average inflow volume rate, work access opening dimensions and area, directly measured average inflow velocity, and the methods used to determine them.

e) Reported values shall be:

- Individual volume readings;
- Overall average of the volume;
- Calculated Inflow volume;
- Work access opening area;
- View screen opening height;
- Correction factor used (if applicable);
- Acceptance criteria for average airflow volume;
- Acceptance criteria for calculated inflow velocity;
- Inflow Velocity Test Method; and
- Name of Test (Inflow velocity test).

-
-
-

F.3.3.3.1 Method for Type A1 and A2 cabinets that use a thermal anemometer to measure exhaust velocity to determine inflow velocity

a) Take air velocity measurements at multiple points across the exhaust filter face on a grid as specified on the data plate. A clear 12 inches of space is required above the exhaust HEPA filter face for valid thermal anemometer measurements.

b) Use the effective open area of the exhaust HEPA/ULPA filter or exhaust port determined by the manufacturer and validated by the testing organization. Measure the effective exhaust area when the manufacturer has not provided it. Cabinets in which the exhaust filter is not accessible or exhaust port flow is non-uniform, such as caused by a damper or exhaust filter housing design, shall be tested as approved by the testing organization.

c) To obtain the exhaust flow volume rate in cubic feet/minute (cubic meters/second), multiply the average exhaust air velocity in feet/minute (meters/second) by the effective exhaust area in square feet (square meters).

d) Use the work access opening area as listed by the testing organization. Measure the work access opening area when the manufacturer has not provided it.

e) Calculate the average inflow velocity in feet/minute (meters/second) by dividing the average exhaust volume rate in cubic feet/minute (cubic meters/second) by the work access opening area in square feet (square meters).

f) Include the following in reported data: individual exhaust velocity readings, average exhaust velocity, exhaust volume rate, exhaust opening dimensions and area, work access opening dimensions and area, calculated average inflow velocity, and the methods used to determine them.

g) Reported values shall be:

- individual exhaust velocity readings;
- overall average of the exhaust velocity readings;
- calculated exhaust volume;
- calculated inflow velocity;
- exhaust opening dimensions;
- exhaust opening effective area;

- work access opening area and dimensions;
- correction factor used (if applicable);
- acceptance criteria for calculated inflow velocity;
- inflow velocity test method; and
- name of test (inflow velocity test).

●
●
●

F.4.2 Apparatus

~~A source of visible cold smoke such as titanium tetrachloride.~~ A visible aerosol or mist that is close to neutrally buoyant in air. The generation process should not create a velocity sufficient to interfere with the air patterns being observed.

NOTE – Titanium tetrachloride is corrosive and should be handled with care.

●
●
●

F.5.2.2 An aerosol generator of the Laskin Nozzle type conforming to Annex A, figure A1 or equivalent shall be used to create an aerosol by flowing air through liquid DOP or an equivalent substitute. When a Laskin nozzle generator is used, the compressed air supplied to the generator should be adjusted to a minimum of 20 psi (140 kPa), if using DOP or 23 psi (160 kPa) if using PAO, measured at the generator manufacturer's recommended location. The nozzles shall be covered with liquid to a depth not to exceed 1.25 in (~~2.5 cm~~ 31 mm).

●
●
●

F.9.2 Apparatus

~~A portable photoelectric illumination meter approved for field measurements in accordance with the current edition of the *Illuminating Engineering Society Lighting Handbook*[41] and accurate to +/- 10%.~~

A portable photoelectric illuminance meter as described in The Lighting Handbook[1], Section 9.8.1. The meter shall be accurate within +/- 10% , cosine and color corrected. The illuminance meter shall be calibrated in accordance with the manufacturer's instructions.

~~[41] IES, 120 Wall Street, Floor 17, New York, NY 10005 www.iesna.org <www.iesna.org>~~

●
●
●

F.10.4 Acceptance

Net displacement shall not exceed 0.002 in (50 µm) rms amplitude at 10 to 7 ~~10~~ kHz in the center of the work surface(s) when the cabinet is operating at the manufacturer's recommended airflow velocities.

●
●

F.11.2 Apparatus

A type/class 2 sound level meter ~~having a minimum accuracy of +/-2 db and resolution of 1db~~ with a minimum range of 50 to 100 db and an "A" weighting scale set up accordance with the manufacturer's instructions.

●
●
●

Annex I[6]

Reference standards and specifications pertinent to Class II biosafety cabinetry[7]

●
●
●

I.1.3 Illuminating Engineering Society (IES)

~~– IES Lighting Handbook~~ The Lighting Handbook: Reference and Application

●
●
●

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

[7] Latest edition in effect at the time of manufacture.

BSR/UL 123, Standard for Safety for Oxy-Fuel Gas Torches

1. Clarifications to the test methods

8.4 In this test, the device (torch and tip or nozzle) is to be connected to the gas supply by lengths of hose. The gas pressures are to be set and maintained at the values specified by the manufacturer. With the fuel-gas valve adjusted as specified by the manufacturer, the oxygen valve is to be adjusted so that a normal, neutral flame is established at the tip end. A neutral flame is indicated by a well-defined white inner cone at the torch tip. The abusive and abnormal conditions described in 8.5 are then to be imposed. During this test, the cutting oxygen valve lever is not operated on a cutting torch.

8.5 Without touching the torch valves, the fuel-gas pressure is to be increased 10 percent above the specified value, and the oxygen pressure is to be decreased 10 percent below the specified value. The lighted tip or nozzle is then to be touched on steel or firebrick so as to produce at least 30 backfires at a frequency of 30 to 50 backfires per minute. If 30 backfires cannot be obtained after 100 touches on the steel or firebrick, the test is to be discontinued. The gas pressures are then to be inverted and the same procedure is to be repeated. ~~At the conclusion of this test, the gas torch shall be subjected to and comply with the Normal Operation Test, Section 7, to determine whether there has been any damage to the torch as required in 8.1.~~

8.6 At the conclusion of the test described in 8.5, the gas torch shall be subjected to and comply with the Normal Operation Test, Section 7, to determine whether there has been any damage to the torch as required in 8.1.

9.2 This test is to be conducted on three samples of each torch unit design without the welding or cutting tips installed. The samples are to be tested with the shutoff valves in the closed position so that seat leakage~~, as well as external leakage,~~ can be checked.

BSR/UL 1309, Standard for Safety for Marine Shipboard Cable

Table 5.2

Electrical and physical requirements of insulation Types E90, X90, X100, X100P, X110, X110P, S100, T75, TPE90, and T/N90

Insulation material	Ethylene propylene rubber		Cross-linked polyolefin		Cross-linked polyolefin for special applications	Silicone rubber	Polyvinyl chloride	Polyvinyl chloride/nylon	Thermoplastic elastomer
Insulation-type designation	**E90**	**E90**	**X90, X100, X110**	**X90,**	**X100P, X110P**	**S100**	**T75**	**T/N90[a]**	**TPE90**
Voltage rating	**0 - 2000 V**	**2001 - 35 kV**	**0 - 2000 V**	**2001 - 35 kV**	**0 - 2000 V**	**0 - 600/ 1000 V**	**0 - 600/ 1000 V**	**0 - 600/ 1000 V**	**0 - 600/1000 V**
Electrical Requirements: Insulation Resistance Constant MΩ-1000 ft at 15.5°C, min	10 000	20 000	10 000	20 000	10 000	4 000	2 000	2 000	2 000
Accelerated Water Absorption @ 75°C as per UL 1581									
Electrical Method:									
Dielectric constant after 1 day, max	6.0	4.0	6.0	3.5	6.0	~~4.0~~ 6.0	10.0	10.0	10.0
Increase in capacitance, max, 1 to 14 days	5.0	3.5	4.0	3.0	4.0	10.0	4.0	4.0	4.0
7 to 14 days	3.0	1.5	2.0	1.5	2.0	3.0	2.0	2.0	2.0
Stability factor after	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

14 days, max									
Long Term Insulation Resistance @75°C as per UL 44 or UL 83, using 14 AWG, 600 V	UL 44 pass	not applicable	UL 44 pass	not applicable	UL 44 pass	not applicable	UL 83 pass	UL 83 pass	UL 83 pass
Heat deformation 1 h, per 5.4.3									
Test temperature °C (°F),	-	-	121 ±1 (250 ± 1.8)	121 ±1 (250 ± 1.8)	121 ±1 (250 ± 1.8)	-	121 ±1 (250 ± 1.8)	136 ±1 (277 ± 1.8)	121 ±1 (250 ± 1.8)
% of unaged value 4/0 AWG and smaller	-	-	30	25	30	-	25	25	25
Larger than 4/0	-	-	15	15	15	-	25	25	25
Hot Creep per UL 1072									
Test temperature °C (°F)	-	150 ±1 (302 ±1.8)	150 ±1 (302 ±1.8)	150 ±1 (302 ±1.8)	175 ±2 (347 ±3.6)	-	-	-	-
Hot creep elongation, max., %	-	50	100	175	25	-	-	-	-
Hot creep set, max., %	-	5	10	10	5	-	-	-	-
Physical Requirements: Unaged									
Tensile strength, min, MPa (psi)	8.3 (1200)	4.8 (700)	12.4 (1800)	12.4 (1800)	12.4 (1800)	5.5 (800)	13.8 (2000)	13.8 (2000)	5.5 (800)
Elongation at rupture, min, percent	150	200	150	150	250	250	150	150	200
Aging Requireme									

nts - 75°C Rated:									
After air oven at °C (°F)	-	-	-	-	-	-	121 ±1 (250 ±1.8)	-	-
hours	-	-	-	-	-	-	168	-	-
Tensile strength, % retention of unaged, min	-	-	-	-	-	-	75	-	-
Elongation at rupture, % retention of unaged, min	-	-	-	-	-	-	65[b]	-	-
Aging Requirements - 90°C Rated:					-				
After air oven at °C (°F)	121 ±1 (250 ±1.8)	121 ±1 (250 ±1.8)	121 ±1 (250 ±1.8)	121 ±1 (250 ±1.8)	-	-	-	136 ±1 (277 ±1.8)	121 ±1 (250 ±1.8)
hours	168	168	168	168	-	-	-	168	168
Tensile strength, % retention of unaged, min	75	75	85	75	-	-	-	75	75
Elongation at rupture, retention of unaged, min	75	75	60	75		-	-	65[b]	75
Aging Requirements - 100°C Rated:									
After air oven at °C (°F)	-	-	130 ±1 (266 ±1.8)	130 ±1 (266 ±1.8)	130 ±1 (266 ±1.8)	158 ±1 (316 ±1.8)	-	-	-
hours	-	-	168	168	168	168	-	-	-
Tensile strength, % retention of unaged, min	-	-	75	75	90	65	-	-	-

Elongation at rupture, retention of unaged, min	-	-	75	75	50	50	-	-	-
Aging Requirements - 110°C Rated:									
After air oven at °C (°F)	-	-	141 ±1 (286 ±1.8)	141 ±1 (286 ±1.8)	158 ±1 (316 ±1.8)	-	-	-	
hours	-	-	168	168	168	-	-	-	-
Tensile strength, % retention of unaged, min	-	-	75	75	90	-	-	-	-
Elongation at rupture, retention of unaged, min	-	-	75	75	50		-	-	-
Cold Bend After 4 h at -30 ±1°C insulation shall not crack after being bent 180° around a mandrel 8 times the diameter of the insulation.	pass	pass	pass	pass	pass	pass	pass	pass	pass
Conductor Corrosion	pass	pass	pass	pass	pass	pass	pass	pass	pass

[a] The nylon jacket shall be removed prior to aging.

[b] For 6 AWG and larger, buffed samples, value is 50 percent.

[c] For 6 AWG and larger, buffed samples, value is 45 percent.