ANSI STANDARDS ACTION

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VOL. 44, #47 *November 22, 2013*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: December 22, 2013

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)

Revision

BSR/NIST-ITL 1-2011 Update:2013, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2011, NIST-ITL 1-2011 Sup:Dental, NIST-ITL 1-2011 Sup:Voice)

Consolidates approved Dental and Voice Supplements; Corrects errors in 2011 base version; adds some new material; Allows Types 11,12, & 22 to be in Traditional Format (change in this 3rd Review period).

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Brad Wing, (301) 975-5663, Brad.Wing@NIST.Gov

NSF (NSF International)

New Standard

BSR/NSF 358-1-201x (i2r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (new standard)

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

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i56r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2003)

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

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i52r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

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

Click here to view these changes in full

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

Comment Deadline: January 6, 2014

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

New Standard

BSR/APCO 3.108.1-201x, Core Competencies and Minimum Training Standards for Public Safety Communications Instructor (new standard)

To identify core competencies and minimum training requirements for Public Safety Communications Instructors.

Single copy price: Free

Obtain an electronic copy from: mcduffiec@apcointl.org

Order from: Crystal McDuffie, (919) 625-6864, mcduffiec@apcointl.org; standards@apcointl.org

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

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

Revision

BSR/ASHRAE Standard 35-201X, Method of Testing Desiccants for Refrigerant Drying (revision of ANSI/ASHRAE Standard 35-2010)

This standard establishes a method of testing desiccants for use in refrigerant drying.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

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

Withdrawal

ANSI/ASHRAE Standard 94.1-2010, Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance (withdrawal of ANSI/ASHRAE Standard 94.1-2010)

The purpose of this standard is to provide a standard procedure for determining the thermal performance of latent heat thermal energy storage devices used in heating, air-conditioning, and service hot-water systems.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

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

Withdrawal

ANSI/ASHRAE Standard 94.3-2010, Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance (withdrawal of ANSI/ASHRAE Standard 94.3-2010)

The purpose of this standard is to provide a standard procedure for determining the thermal performance of sensible thermal energy storage devices used in heating, air-conditioning, and service hot-water systems.

Single copy price: $35.00

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

Order from: 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

ASTM (ASTM International)

New Standard

BSR/ASTM D619-201x, Test Methods for Vulcanized Fibre Used for Electrical Insulation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR ATIS 0600031-201x, (Pumped) Distributed Refrigerant Cooling - Standardized Infrastructure (new standard)

Equipment cooling infrastructure solutions have expanded and adapted to meet increasing equipment heat loads and improved energy efficiencies. Infrastructure solutions now include energy efficient Close-Coupled Cooling (C3) alternatives that bring the cooling (heat transfer) closer to the heat source. One C3 solution utilizes distributed refrigerant as a thermal transfer medium. As the industry adopts and integrates Distributed Refrigerant Cooling (DRC) systems, common infrastructure standards are needed to assure interoperability and connectivity between manufacturers. This standard outlines design requirements for a standard refrigerant distribution infrastructure.

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C301-201x, Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (revision of ANSI/AWWA C301-201x)

This standard describes the manufacture of circumferentially prestressed concrete pressure pipe in diameter sizes 16 in (410 mm) through 144 in (3,660 mm) manufactured with a steel cylinder and wire reinforcement.

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C304-201x, Design of Prestressed Concrete Cylinder Pipe (revision of ANSI/AWWA C304-201x)

This standard defines the methods to be used in the structural design of buried prestressed concrete cylinder pipe (PCCP) under internal pressure. These methods are provided for the design of pipe subjected to the effects of working, transient, and field-test load and internal pressure combinations.

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

FM (FM Approvals)

New Standard

BSR/FMRC FM 1950-200x, Seismic Sway Brace Components for Automatic Sprinkler Systems (new standard)

This document being considered for adoption of the national standard includes design and performance requirements for seismic sway bracing used to restrain piping, tubing, and conduit. General and performance requirements apply to components that are attached to the structural element and to the piping, tubing, and conduit. Although used in testing the “brace member” attached between the structural attached and piping attached component is not included within the scope of this standard.

Single copy price: Free

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmglobal.com

HIBCC (Health Industry Business Communications Council)

Revision

BSR/HIBC 2.4-201x, The Health Industry Bar Code Supplier Labeling Standard for Patient Safety & Unique Device Identification (HIBC/SLS/UDI) (revision and redesignation of ANSI/HIBC 2.3-2009)

This American National Standard: specifies the minimum requirements and optional structures for the machine-readable identification for health industry product; provides guidance for the formatting and placement of data presented in linear bar code, two-dimensional symbol, or human-readable form; makes recommendations as to label placement, size, material, and the inclusion of free test and any appropriate graphics.

Single copy price: Free

Obtain an electronic copy from: www.hibcc.org or info@hibcc.org

Order from: info@hibcc.org

Send comments (with copy to psa@ansi.org) to: Sara Polansky, (602) 381 -1091, ext 101, sjpolan@hibcc.org

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 2-201x, Safety Standard for Equipment, Design, and Installation of Closed-Circuit Ammonia Mechanical Refrigeration Systems (revision of ANSI/IIAR 2-2008 and ANSI/IIAR 2-2012, Addendum B)

This standard is being revised to a safety standard for equipment, design, and installation of closed-circuit ammonia mechanical refrigeration systems.

Single copy price: $40.00, or free until review period is over

Obtain an electronic copy from: Tony Lundell, tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

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

IKECA (International Kitchen Exhaust Cleaning Association)

New Standard

BSR/IKECA I10-201x, Standard for Inspection of Commercial Kitchen Exhaust Systems (new standard)

This standard is to define acceptable methods for inspecting commercial kitchen exhaust systems and system components for mechanical conditions, structural integrity, fire safety, and cleanliness levels.

Single copy price: Free

Obtain an electronic copy from: gmarinilli@fernley.com

Order from: Gina Marinilli, (215) 564-3484 x2238, gmarinilli@fernley.com

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

NEMA (National Electrical Manufacturers Association)

Revision

BSR/NEMA OS 1-201x, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 1-2010)

Covers general-purpose metallic outlet and device boxes, covers and supports widely used by the consumer and designed to facilitate wire pulling; mounting of devices; and connecting of conduit, cable, and tubing systems.

Single copy price: $154.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Paul Crampton, (703) 841 -3252, Paul.Crampton@NEMA.org

NEMA (National Electrical Manufacturers Association)

Revision

BSR/NEMA OS 2-201x, Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 2-2010)

Covers general-purpose nonmetallic outlet and device boxes, covers and supports widely used by the consumer and designed to facilitate wire pulling; mounting of devices; and connecting of conduit, cable, and tubing systems.

Single copy price: $97.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Paul Crampton, (703) 841 -3252, Paul.Crampton@NEMA.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 149-201x, Test Method for Withstanding Tightening Torque - “F” Female (revision of ANSI/SCTE 149-2008)

To measure the “F” Female interface torque and/or to determine the amount of torque that will cause one or more of the following conditions to occur: stripping of the external threads or damage to the female interface.

Single copy price: $50.00

Obtain an electronic copy from: www.global.ihs.com

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61010-2-201-201x, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (identical national adoption of IEC 61010-2-201)

This is an identical adoption of IEC 61010-2-101 which specifies safety requirements and related verification tests for control equipment of the following types: programmable controllers (PLC and PAC); the components of Distributed Control Systems (DCS); the components of remote I/O systems; industrial PC (computers) and Programming and Debugging Tools (PADTs); Human-Machine Interfaces (HMI); any product performing the function of control equipment and/or their associated peripherals, which have as their intended use the control and command of machines, automated manufacturing and industrial processes.

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.)

Reaffirmation

BSR/UL 80-2009 (R201x), Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (Bulletin dated November 22, 2013) (reaffirmation of ANSI/UL 80-2009)

Reaffirmation and continuance of the twelfth edition of the Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids.

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: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 680-2004 (R201x), Standard for Safety for Emergency Vault Ventilators and Vault-Ventilating Ports (Proposal Dated 11/22/13) (reaffirmation of ANSI/UL 680-2004 (R2009))

These requirements cover emergency vault ventilators and vault-ventilating ports for installation in a wall. Emergency vault ventilators are intended to provide fresh air to persons locked in the vault by accident or during a robbery. Vault-ventilating ports are intended for connection to an outside ventilating system that provides circulating air while the vault is open.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: January 21, 2014

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B18.16.6-201x, Locknuts (Inch Series) (revision of ANSI/ASME B18.16.6-2008)

This Standard covers the complete general, dimensional, mechanical, and performance data (proof load, prevailing torque, and torque-tension) for carbon steel, inch series hex nylon insert, hex and hex flange all-metal locknuts in sizes #4 through 1-1/2 inches of property grades NE2, NE5 N2, N5, and N8 for nylon insert locknuts and Grades A, B, C, F, and G for all-metal locknuts designated as a American National Standard. The inclusion of dimensional data in this Standard is not intended to imply that all of the locknut sizes in conjunction with the various options described in this standard are stock items. Consumers should consult with suppliers concerning lists of stock production nylon insert locknuts.

Single copy price: Free

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

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 111-201x, Standard for Safety for Multioutlet Assemblies (new standard)

UL 111 covers multioutlet assemblies and factory assembled wiring kits for installation in multioutlet assemblies. Multioutlet assemblies consist of a raceway, one or more outlet wiring devices that provide power for connection of utilization equipment and are intended for use in dry locations, other than hazardous (classified) in accordance with the National Electrical Code ®, NFPA 70® a. Multioutlet assemblies are intended to be connected to permanently installed branch circuits operating at frequencies between 50 - 400Hz, DC (Direct Current) circuits, and operating at potentials not exceeding 600 volts between conductors.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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:

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

INCITS/ISO/IEC 9594-2:2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Models - Corrigendum 1 (identical national adoption of ISO/IEC 9594-2:2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-2:2008/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Models - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9594-2:2008/Cor2:2012)

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

INCITS/ISO/IEC 9594-3:2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Abstract service definition - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594-3:2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-3:2008/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Abstract service definition - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9594-3:2008/Cor2:2012)

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

INCITS/ISO/IEC 9594-4-2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594-4-2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-5:2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Protocol specifications - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594 -5:2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-5:2008/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Protocol specifications - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9594 -5:2008/Cor2:2012)

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

INCITS/ISO/IEC 9594-6:2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Selected attribute types - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594 -6:2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-6:2008/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Selected attribute types - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9594 -6:2008/Cor2:2012)

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

INCITS/ISO/IEC 9594-7:2008/Cor1:2012, Information technology - Open Systems Interconnection - The Directory: Selected object classes - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594 -7:2008/Cor1:2012)

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

INCITS/ISO/IEC 9594-8:2008/Cor1:2011, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594-8:2008/Cor1:2011)

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

INCITS/ISO/IEC 9594-8:2008/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9594-8:2008/Cor2:2012)

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 Standard 35-201X, Method of Testing Desiccants for Refrigerant Drying (revision of ANSI/ASHRAE Standard 35-2010)

IIAR (International Institute of Ammonia Refrigeration)

Office: 1001 North Fairfax Street
Alexandria, VA 22314

Contact: *Tony Lundell*

Phone: (703) 312-4200

Fax: (703) 312-0065

E-mail: tony_lundell@iiar.org

BSR/IIAR 2-201x, Safety Standard for Equipment, Design, and Installation of Closed-Circuit Ammonia Mechanical Refrigeration Systems (revision of ANSI/IIAR 2-2008 and ANSI/IIAR 2-2012, Addendum B)

IKECA (International Kitchen Exhaust Cleaning Association)

Office: 100 North 20th Street
Suite 400
Philadelphia, PA 19103-1443

Contact: *Gina Marinilli*

Phone: (215) 564-3484 x2238

Fax: (215) 963-9785

E-mail: gmarinilli@fernley.com

BSR/IKECA I10-201x, Standard for Inspection of Commercial Kitchen Exhaust Systems (new standard)

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/ISO/IEC 27001:2013, Information technology - Security techniques - Information security management systems - Requirements (identical national adoption of ISO/IEC 27001:2013)

INCITS/ISO/IEC 27002:2013, Information technology - Security techniques - Code of practice for information security controls (identical national adoption of ISO/IEC 27002:2013)

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 Z136.5-201x, Standard for Safe Use of Lasers in Educational Institutions (revision of ANSI Z136.5-2009)

BSR Z136.8-201x, Standard for Safe Use of Lasers in Research, Development, or Testing (revision of ANSI Z136.8-2012)

NEMA (National Electrical Manufacturers Association)

Office: 1300 N. 17th Street, Suite 900
Suite 1752
Rosslyn, VA 22209

Contact: *Michael Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3364

E-mail: mik_leibowitz@nema.org

BSR/NEMA OS 1-201x, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 1-2010)

BSR/NEMA OS 2-201x, Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 2-2010)

TIA (Telecommunications Industry Association)

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

Contact: *Germaine Palangdao*

Phone: (703) 907-7497

Fax: (703) 907-7727

E-mail: gpalangdao@tiaonline.org

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

BSR/TIA 569-D-201x, Telecommunications Pathways and Spaces (revision and redesignation of ANSI/TIA 569-C-2012)

BSR/TIA 1183-1-201x, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems, Extending Frequency Capabilities to 2 GHz (addenda to ANSI/TIA 1183-2012)

UL (Underwriters Laboratories, Inc.)

Office: 1285 Walt Whitman Road
Melville, NY 11747-3081

Contact: *Edward Minasian*

Phone: (631) 546-3305

Fax: (631) 546-3305

E-mail: Edward.D.Minasian@ul.com

BSR/UL 80-2009 (R201x), Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (Bulletin dated November 22, 2013) (reaffirmation of ANSI/UL 80-2009)

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.

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

Addenda

ANSI/ASHRAE 169b-2013, Climatic Data for Building Design Standards (addenda to ANSI/ASHRAE Standard 169-2006): 11/13/2013

ASPE (American Society of Plumbing Engineers)

New Standard

ANSI/ARCSA/ASPE 63-2013, Rainwater Catchment Systems (new standard): 11/14/2013

Project Initiation Notification System (PINS)

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

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

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

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE AD24347:2005 MONYEAR, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device, 80 mm (national adoption of ISO 24347:2005 with modifications and revision of ANSI/ASABE/ISO 24347-2009)

Stakeholders: All manufacturers of tractors, towed implements and bulk carrier equipment (defined by ASAE S390.4) would be impacted. These tractor implement combinations may require usage of PTOs.

Project Need: Pre-periodic review of standard identified the need to update the references.

Specifies the dimensions and location of a ball-type coupling device of 80 mm nominal diameter, whose male part fitted to an agricultural towing vehicle and female part fitted to a towed, non-balanced vehicle provides mechanical connection between the two vehicles, where the downwards vertical static load does not exceed 40 kN. This standard is intended for higher-speed towing applications when the allowable speed exceeds 40 km/h.

BSR/ASABE S602.1 MONYEAR-201x, General Safety Standard for Agricultural Tractors in Scraper Applications (revision and redesignation of ANSI/ASABE S602-2008)

Stakeholders: Tractor manufacturers, towed scraper manufacturers

Project Need: Pre-periodic review of standard identified the need to update the references.

This Standard provides safety requirements for agricultural scraper tractors as defined in ASAE S390, when used in construction environments, as defined in ISO 6165.

ASTM (ASTM International)

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Contact: *Corice Leonard*

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E-mail: accreditation@astm.org

ISO 11712-201x, Anaesthetic and Respiratory equipment - Supralaryngeal airways and connectors (identical national adoption of ISO 11712)

Stakeholders: F29 on Anesthetic and Respiratory Equipment Industry.

Project Need: This International Standard provides the essential requirements for the design of supralaryngeal airways and connectors. These devices are intended to open and seal the supralaryngeal area to provide an unobstructed airway in patients during spontaneous, assisted, or controlled ventilation.

Please contact Corice Leonard at cleonard@astm.org.

ISO 80601-2-13-201x, Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (identical national adoption of ISO 80601-2-13)

Stakeholders: F29 on Anesthetic and Respiratory Equipment Industry.

Project Need: This International Standard is applicable to the basic safety and essential performance of an anaesthetic workstation for administering inhalational anaesthesia whilst continuously attended by a professional operator.

Please contact Corice Leonard at cleonard@astm.org.

ATCC (American Type Culture Collection)

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Manassas, VA 20110

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BSR/ASN 0003-201x, Biomaterial identification through DNA barcodes (new standard)

Stakeholders: Biological Resource Centres (BRCs), users of the biomaterials distributed by BRCs, scientists, funding agencies, editors of journals

Project Need: Interspecies contamination and misidentification of animal cell lines compromises their use in scientific research, but a standard method for interspecies identification testing is currently lacking

Cell line authentication is crucial for the accuracy and reproducibility of scientific research, though cultures are often maintained for extended periods of time without being assayed for species identity. Traditional isoenzymological identification tools suffer from a very limited taxonomic scope and are not easily replicated among laboratories. A DNA sequence-based approach can be used for the identification of animal cell lines to the species level by targeting variation in 650 bp region of the mitochondrial cytochrome c oxidase subunit I (COI) gene and comparing the target sequence to a reference sequence library such as the Barcode of Life Data Systems (BOLD). DNA barcoding can successfully identify a wide range of species from various animal taxa in cell culture, even making fine distinctions between congeneric species. The technique is easy and the comparision of data sets among labs is very reliable because the BOLD database contains reference sequences derived from morphological voucher specimens. This reference database provides a reliable means of validating the identity of a putative species of a cell line submitted for use in basic and applied research.

AWS (American Welding Society)

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BSR/AWS C4.1-201X, Criteria for Describing Oxygen-Cut Surfaces (revision of ANSI/AWS C4.1-2009)

Stakeholders: This document and plastic gauge set is used by oxyfuel gas cutters (operators) and inspectors as an aid to identify acceptance levels of oxygen-cut surfaces. C4.1 is also referenced in several AWS D.1 structural welding documents.

Project Need: This is to revise the 2010 version and make any necessary updates to the roughness guide.

This set consists of a plastic gauge with samples of oxygen-cut surfaces, and a document including descriptive terms and illustrations of surface cuts.

BSR/AWS C4.5M-201X, Uniform Designation System for Oxyfuel Nozzles (revision of ANSI/AWS C4.5M-2012)

Stakeholders: Oxyfuel Gas Welding & Cutting community.

Project Need: This revision contain editorial changes to make it consistent with commentary C4 documents.

This document presents recommendations to oxyfuel welding, cutting, and heating/brazing torch nozzle manufacturers regarding the identification markings to be permanently applied to the torch nozzle to identify its intended application. The identification will provide information to improve the safe operation and application of nozzles by torch operators. This standard makes use of the International System of Units (SI).

BSR/AWS C4.2/C4.2M-201X, Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2009)

Stakeholders: This document will be used by oxyfuel gas cutters (operators) involved with steel plate cutting, tooling fabrication, manufacturers of equipment, and building construction.

Project Need: This revision contains editorial changes to make it consistent with complementary C4 documents.

This document contains the procedures to be used in conjunction with oxyfuel gas cutting equipment and the latest safety requirements. Complete lists of equipment are available from individual manufacturers.

BSR/AWS C7.2M-201X, Recommended Practices for Laser Beam Welding, Cutting and Allied Processes (revision of ANSI/AWS C7.2M-2010)

Stakeholders: Laser Beam Welding industry.

Project Need: To make updates and revisions to the 2010 edition.

This document presents recommended practices for a description of laser beam equipment and procedures that can be used for welding, cutting, drilling, and transformation hardening of various materials. These recommended practices stress the process basics, parameters, and applications.

BSR/AWS C7.3M/C7.3-201x, Process Specification for Electron Beam Welding (revision of ANSI/AWS C7.3-1999 (R2003))

Stakeholders: AWS, manufacturers using electron beam welding, welding engineers, machine operators, general public (confidence in soundness of electron beam welds).

Project Need: Provide a baseline document to aid engineers and operators in the electron beam welding industry in the preparation of Welding Process Specification documents. These documents provide a means for the engineers and operators to qualify and certify the soundness of a given weld and welding procedure.

This specification on electron beam welding discusses applicable specifications, safety, requirements, fabrication, quality examination, equipment calibration and maintenance, approval of work, and delivery of work. It addresses processing and quality-control requirements for electron beam welding with both high- and low-voltage welding equipment in high- and medium-vacuum variations.

CEA (Consumer Electronics Association)

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* BSR/CEA 709.1-D-201x, Control Network Protocol Specification (revision and redesignation of ANSI/CEA 709.1-C-2010)

Stakeholders: Consumer, manufacturers, network service providers.

Project Need: To revise ANSI/CEA 709.1-C.

This specification applies to a communication protocol for networked control systems. The protocol provides peer-to-peer communication for networked control and is suitable for implementing both peer-to-peer and master-slave control strategies.

* BSR/CEA 852.1-A-201x, Enhanced Protocol for Tunneling Component Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852.1-2010)

Stakeholders: Consumers, manufacturers, network and internet service providers.

Project Need: To revise ANSI/CEA 852.1.

The CEA 852.1 standard specifies a communications method that allows networked data acquisition and control devices to communicate with each other over the internet. The purpose of such devices are widely varying and include functions such as appliance monitoring, meter reading, and HVAC and lighting control to name a few.

* BSR/CEA 852-C-201x, Tunneling Device Area Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852-B-2010)

Stakeholders: Consumers, manufacturers, network and internet service providers.

Project Need: To revise ANSI/CEA 852-B.

The CEA-852 standard specifies a communications method that allows networked data acquisition and control devices to communicate with each other over the internet. The purpose of such devices are widely varying and include functions such as appliance monitoring, meter reading, and HVAC and lighting control, to name a few. CEA-852 does not replace existing device communications protocols, but instead allows those protocols to use the internet as a communications medium.

* BSR/CEA 2018-2008 (R201x), Task Model Description (CE TASK 1.0) (reaffirmation of ANSI/CEA 2018-2008)

Stakeholders: Consumers, manufacturers.

Project Need: To reaffirm ANSI/CEA 2018.

A task model is a formal description of the activities involved in completing a task, including both activities carried out by humans and those performed by machines. This standard defines the semantics and an XML notation for task models relevant to consumer electronics devices. The standard does not depend on any specific home networking technology or infrastructure.

* BSR/CEA 2033-2008 (R201x), OpenEPG - A Specification for Electronic Program Guide Data Interchange (reaffirmation of ANSI/CEA 2033-2008)

Stakeholders: Consumers, manufacturers, network and internet and cable and satellite service providers.

Project Need: To reaffirm ANSI/CEA 2033.

The OpenEPG™ standard defines a field structure and access method for obtaining electronic program guide (EPG) data, also known as metadata, for describing audio-video content and its availability using IP-related protocols. The OpenEPG standard facilitates access by home entertainment devices to scheduled event data for terrestrial, cable and satellite programming; to video on demand (VOD) services; and to content stored locally on a home networked device. OpenEPG allows for aggregation of metadata provided by multiple sources such as various metadata service providers (MSPs), including small and local MSPs (such as churches, schools, etc.), and personal metadata for content provided by a user. This standard defines the format and structure of OpenEPG data fields, and it defines methods of querying OpenEPG metadata services to request subsets of the available data.

* BSR/CEA 2048-201x, Host and Router Profiles for IPv6 (new standard)

Stakeholders: Consumer, manufacturers, content and service providers.

Project Need: Develop standard for host and router profiles requirements.

Develop an IPv6 host and router profiles requirements standard.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 487.1-201x, Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of On-Grid Isolation Equipment (new standard)

Stakeholders: Those utility (power) engineers that deal with the provisioning of communication circuits (or services) for electric utilities as well as those telecommunication engineers that deal with the provisioning of communication circuits (or services) into electric supply locations. The manufacturers of the equipment necessary to provision communication circuits to electric supply locations are also included.

Project Need: This standard presents workable methods that can be used with greater reliability to improve the electrical protection of metallic wire-line communication facilities serving electric supply locations through the use of on-grid isolation equipment.

This standard presents engineering design procedures for the electrical protection of metallic wire-line communication facilities serving electric supply locations through the use of on-grid isolation equipment. Other telecommunication alternatives such as radio and microwave systems are excluded from this document.

BSR/IEEE 1895-201x, Standard for Below-Grade Inspection and Assessment of Corrosion on Steel Transmission, Distribution, and Substation Structures (new standard)

Stakeholders: This standard is intended for use by electric utility personnel, contractors, inspectors, and those interested in the impact of corrosion on the below-grade sections of transmission, distribution, and substation steel structures.

Project Need: This standard provides guidance to the utility personnel that are conducting a survey for condition assessments of structures.

This standard provides guidance to: (1) help utilities identify structures that may be at a high risk for below-grade corrosion; (2) excavate and inspect the selected structures; (3) categorize the condition of structures based on corrosion degradation; (4) prioritize structures requiring additional inspection based on those findings; and (5) help identify next steps as required. This standard is limited to the inspection and assessment of steel transmission towers, poles, and substation structures, to include galvanized, self-weathering, and painted mild steel structures, as well as other similar structures.

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

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INCITS/ISO/IEC 27001:2013, Information technology - Security techniques - Information security management systems - Requirements (identical national adoption of ISO/IEC 27001:2013)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT Industry.

ISO/IEC 27001:2013 specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization. It also includes requirements for the assessment and treatment of information security risks tailored to the needs of the organization. The requirements set out in ISO/IEC 27001:2013 are generic and are intended to be applicable to all organizations, regardless of type, size or nature.

INCITS/ISO/IEC 27002:2013, Information technology - Security techniques - Code of practice for information security controls (identical national adoption of ISO/IEC 27002:2013)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT Industry.

ISO/IEC 27002:2013 gives guidelines for organizational information security standards and information security management practices including the selection, implementation and management of controls taking into consideration the organization's information security risk environment(s).

LIA (ASC Z136) (Laser Institute of America)

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BSR Z136.5-201x, Standard for Safe Use of Lasers in Educational Institutions (revision of ANSI Z136.5-2009)

Stakeholders: Teachers, students and staff who use lasers as part of their academic instruction and development in the university, college, secondary, and primary educational environments.

Project Need: To harmonize with the revised parent document, Z136.1, and with other Z136 standards in the series and to update some of the tables, e.g., MPEs.

This standard applies the requirements of the ANSI Z136.1 to the unique environments associated with educational institutions, including teaching laboratories, classrooms, lecture halls, science fairs as well as projects on and off campus, and science museums, when they incorporate lasers into their educational process.

BSR Z136.8-201x, Standard for Safe Use of Lasers in Research, Development, or Testing (revision of ANSI Z136.8-2012)

Stakeholders: Universities, national laboratories, high technology development labs, start-up companies, military and medical research centers as well as laser/optics technician schools.

Project Need: To update the standard to include other research and technologies areas, e.g., medical research, high power laser use; expansion of definitions, sample SOPs, etc.

This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm and are used to conduct research or used in a research, development, or testing environment. This environment is not limited to universities and national laboratories, but includes medical research facilities and high-tech product development and evaluation settings.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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BSR/ICEA S-73-532/NEMA WC 57-201x, Standard for Control, Thermocouple, Extension and Instrumentation Cable (revision of ANSI ICEA S-73-532/NEMA WC 57-2004)

Stakeholders: Users, producers, and other stakeholders in the wire and cable industry.

Project Need: A revision is needed to bring the standard in line with current industry practice.

This standard applies to materials, construction, and testing of multi-conductor cables that convey electrical signals used for monitoring or controlling electrical power systems and their associated processes.

TIA (Telecommunications Industry Association)

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

Stakeholders: Cable designers, cable manufacturers, connectivity designers.

Project Need: Provide updates for an existing standard.

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

BSR/TIA 569-D-201x, Telecommunications Pathways and Spaces (revision and redesignation of ANSI/TIA 569-C-2012)

Stakeholders: Building owners; architects; installers; tenants.

Project Need: Provide updates for an existing standard.

This standard specifies requirements for telecommunications pathways and spaces. New revision needed to:
- Incorporate content of addendum ANSI/TIA-569-C-1;
- Align content with draft ANSI/TIA-568.0-D; and
- Revise/clarify requirements for distributor rooms, conduit.

BSR/TIA 1152-A-201x, Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (revision and redesignation of ANSI/TIA 1152-2009)

Stakeholders: Field tester manufacturers; test equipment manufacturers; structured cabling products manufacturers; structured cabling installers

Project Need: Provide updates for an existing standard.

Revise ANSI/TIA-1152-2009 as determined in TIA TR-42.7, incorporating new specifications and other information as required to support field testing of cabling described in ANSI/TIA-568-C.2-1.

BSR/TIA 1183-1-201x, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems, Extending Frequency Capabilities to 2 GHz (addenda to ANSI/TIA 1183-2012)

Stakeholders: Structured cabling manufacturers; Datacom equipment manufacturers; Datacom chip foundries; connector manufacturers; cable manufacturers; field tester manufacturers; test equipment manufacturers.

Project Need: Provide updates for an existing standard.

The scope is to provide necessary information to extend measurement capabilities to 2 GHz with sufficient accuracy to support category 8 cabling standards: ANSI/TIA-568-C.2-1 (when published).

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.

APCO
Association of Public-Safety Communications Officials-International

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

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ASME
American Society of Mechanical Engineers

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ASPE
American Society of Plumbing Engineers

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ATIS
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AWS
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AWWA
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CEA
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FM
FM Approvals

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HIBCC
Health Industry Business Communications Council

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IEEE
Institute of Electrical and Electronics Engineers

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IIAR
International Institute of Ammonia Refrigeration

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IKECA
International Kitchen Exhaust Cleaning Association

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ITI (INCITS)
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LIA (ASC Z136)
Laser Institute of America

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NEMA (ASC C8)
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NEMA (Canvass)
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NIST/ITL
National Institute of Standards and Technology/Information Technology Laboratory

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NSF
NSF International

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SCTE
Society of Cable Telecommunications Engineers

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TIA
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Free Webinars

American National Standards Process and ANSI-Accredited US TAG to ISO Compliance

A series of webinars will take place in December 2013 through early January 2014. The schedule and registration links are below. The sessions are listed by target audience; please feel free to share the registration link for the December 6, 2013 public webinar with your colleagues and constituents.

We hope that you can join us. Registration is required.

ANSI-Accredited Standards Developers

- December 3, 2013 at 1:30 pm ET: American National Standards Forms – review of PINS, BSR-8, BSR-9 and BSR-11

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?d=739663836&t=a

- December 10, 2013 at 1:30 pm ET: National Adoption of ISO, IEC or ISO/IEC Standards as American National Standards (www.ansi.org/nationaladoption)

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?d=733800351&t=a

- December 11, 2013 at 1:30 pm ET: Overview of clauses 1.0 and 2.0 of the *ANSI Essential Requirements* (www.ansi.org/essentialrequirements)

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?d=734888911&t=a

- December 18, 2013 at 1:30 pm ET: Audit & Reaccreditation Processes

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?t=a&d=739031353

- January 8, 2014 at 11:00 am ET: 2014 ANSI-Accredited Standards Developer Compliance Form Review, including a review of the one revision to the *ANSI Essential Requirements*

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?t=a&d=737744027

ANSI-Accredited US TAG Administrators

- January 8, 2014 at 2:00 pm ET: ANSI-Accredited U.S. TAG to ISO 2014 Compliance Form and 2013 Annual Report Form Review (2013 Annual Reports due 1/31/14)

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?t=a&d=732498236

General Public – Anyone who may be interested in learning about American National Standards, ANSI and ANSI-Accredited Standards Developers

- December 6, 2013 at 1:30 pm ET: “What is an American National Standard, anyway?”

REGISTER: https://goansi.webex.com/goansi/onstage/g.php?t=a&d=732486123

Please send any questions to psa@ansi.org.

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.

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 18835, Inhalational anaesthesia systems - Draw-over anaesthetic systems - 12/20/2013, $82.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 12006-2, Organization of information about construction works - Part 2: Framework for classification of information - 11/3/2024, $82.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO/DIS 13105-1, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 1: Terms and commercial specifications - 2/13/2014, $40.00

ISO/DIS 13105-2, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 2: Safety requirements and verification - 2/13/2014, $62.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 8828, Implants for surgery - Guidance on care and handling of orthopaedic implants - 2/18/2014

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 7626-2, Vibration and shock - Experimental determination of mechanical mobility - Part 2: Measurements using single-point translation excitation with an attached vibration exciter - 2/21/2014

ISO/DIS 10816-21, Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 21: Horizontal axis wind turbines with gearbox - 3/11/2014

PROJECT COMMITTEE: ENERGY MANAGEMENT (TC 242)

ISO/DIS 50004, Energy management systems - Guidance for the implementation, maintenance and improvement of an energy management system - 2/19/2014

ISO/DIS 50006, Energy baseline and energy performance indicators (EnPIs) - General principles and guidance - 2/19/2014

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 18766, Rubber, vulcanized or thermoplastic - Low temperature testing - General introduction and guide - 2/19/2014

ISO/DIS 19242, Rubber - Determination of total sulfur content by ion chromatography - 2/19/2014

SMALL TOOLS (TC 29)

ISO/DIS 2725-1, Assembly tools for screws and nuts - Square drive sockets - Part 1: Hand-operated sockets - 2/19/2014

ISO/DIS 2725-2, Assembly tools for screws and nuts - Square drive sockets - Part 2: Machine-operated sockets (impact) - 2/19/2014

ISO/DIS 2725-3, Assembly tools for screws and nuts - Square drive sockets - Part 3: Machine-operated sockets (non-impact) - Dimensions - 2/19/2014

TEXTILES (TC 38)

ISO/DIS 17299-4, Textiles - Determination of deodorant property - Part 4: Condensation sampling analysis - 2/12/2014

THERMAL INSULATION (TC 163)

ISO/DIS 16956, Thermal Performance in the Built Environment - Determination of Air Flow Rate in Building Applications by Field Measuring Methods - 2/20/2014

ISO/IEC JTC 1, Information Technology

ISO/IEC 23002-4/PDAM 2, Information technology - MPEG video technologies - Part 4: Video tool library - Amendment 2 - 2/23/2014

ISO/IEC 14763-2:2012/PDAM 1, Information technology - Implementation and operation of customer premises cabling - Part 2: Planning and installation - Amendment 1 - 2/20/2014

ISO/IEC DIS 17821, Information Technology - Specification of Low Power Wireless Mesh Network over Channel-hopped TDMA Links - 2/15/2014

ISO/IEC DIS 17811-2, Information Technology - Device Control and Management - Part 2: Specification of Device Control and Management Protocol - 2/15/2014

ROAD VEHICLES (TC 22)

ISO/IEC CD 62752, In cable control and protective device for mode 2 charging of electric road vehicles - (IC-RCD) - 1/5/2014

Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 16578:2013, Molecular biomarker analysis - General definitions and requirements for microarray detection of specific nucleic acid sequences, $70.00

OTHER

IWA 14-1:2013, Vehicle security barriers - Part 1: Performance requirement, vehicle impact test method and performance rating, $181.00

IWA 14-2:2013, Vehicle security barriers - Part 2: Application, $192.00

ROAD VEHICLES (TC 22)

ISO 23828:2013, Fuel cell road vehicles - Energy consumption measurement - Vehicles fuelled with compressed hydrogen, $164.00

ISO Technical Reports

FIRE SAFETY (TC 92)

ISO/TR 16730-4:2013, Fire safety engineering - Assessment, verification and validation of calculation methods - Part 4: Example of a structural model, $104.00

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

ISO/TR 12489:2013, Petroleum, petrochemical and natural gas industries - Reliability modelling and calculation of safety systems, $285.00

ROAD VEHICLES (TC 22)

ISO/TR 10982:2013, Road vehicles - Test procedures for evaluating out-of-position vehicle occupant interactions with deploying air bags, $98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-2/Cor5:2013, Information technology - Coding of audio-visual objects - Part 2: Visual - Corrigendum, FREE

ISO/IEC 18013-3/Cor2:2013, Information technology - Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation - Corrigendum, FREE

ISO/IEC 19784-2/Cor2:2013, Information technology - Biometric application programming interface - Part 2: Biometric archive function provider interface - Corrigendum, FREE

ISO/IEC 19785-2/Cor1:2013, Information technology - Common Biometric Exchange Formats Framework - Part 2: Procedures for the operation of the Biometric Registration Authority - Corrigendum, FREE

ISO/IEC 19785-4/Cor1:2013, Information technology - Common Biometric Exchange Formats Framework - Part 4: Security block format specifications - Corrigendum, FREE

ISO/IEC 23003-1/Amd2/Cor4:2013, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Reference Software - Corrigendum, FREE

ISO/IEC 20008-2:2013, Information technology - Security techniques - Anonymous digital signatures - Part 2: Mechanisms using a group public key, $235.00

ISO/IEC TS 17961:2013, Information technology - Programming languages, their environments and system software interfaces - C secure coding rules, $218.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Applications for Membership

ACCT Consensus Group Announcement

The Association for Challenge Course Technology (ANSI Accredited Standards Developer) is currently accepting applications from individuals willing to serve on the ACCT Consensus Group.

Membership is open to all interested parties having a direct and material interest in the activities of the Consensus Group. Selections by the Consensus Group shall give consideration to:

- need for active participation by members
- need for balance
- extent of interest expressed and willingness to participate
- qualifications and ability to materially contribute

To apply for consideration as a member of the ACCT Consensus Group, contact the ACCT Director of Operations for an electronic copy of the application form:

Bill Weaver
bill@acctinfo.org
1-800-991-0286, extension 913

Complete and return your applications electronically.

Approval of Accreditation as an ANSI ASD

National Council of State Boards of Nursing (NCSBN)

ANSI's Executive Standards Council has approved the National Council of State Boards of Nursing (NCSBN), an ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on NCSBN-sponsored American National Standards, effective November 15, 2013. For additional information, please contact: Mr. Greg Pulaski, Director, Performance Measurement & Standards Setting, National Council of State Boards of Nursing, 111 E. Wacker Drive, Suite 2900, Chicago, IL 60601-4277; phone: 312.525.3681; e-mail: GPulaski@ncsbn.org.

Approvals of Reaccreditations

Clinical and Laboratory Standards Institute (CLSI)

ANSI's Executive Standards Council has approved the reaccreditation of the Clinical and Laboratory Standards Institute (CLSI), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on CLSI-sponsored American National Standards, effective November 20, 2013. For additional information, please contact: Ms. Luann Ochs, MS, Senior Vice-President – Operations, Clinical and Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne, PA 19087; phone: 484.588.5940; e-mail: lochs@clsi.org.

*Info*Comm International

ANSI's Executive Standards Council has approved the reaccreditation of *Info*Comm International, an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on *Info*Comm International-sponsored American National Standards, effective November 18, 2013. For additional information, please contact: Dr. Joseph Bocchiaro III, Vice-President of Standards & Industry Innovations, *Info*Comm International, 11242 Waples Mill Road, Suite 200, Fairfax, VA 22030; phone: 703.279.6370; e-mail: jbocchiaro@infocomm.org.

Leonardo Academy

ANSI's Executive Standards Council has approved the reaccreditation of the Leonardo Academy, an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on Leonardo Academy-sponsored American National Standards, effective November 20, 2013. For additional information, please contact: Mr. Michael Arny, President, Leonardo Academy, 2912 Marketplace Drive, Suite 103, Madison, WI 53719; phone: 608.280.0255; e-mail: michaelarny@leonardoacademy.org.

National Floor Safety Institute (NFSI)

ANSI's Executive Standards Council has approved the reaccreditation of the National Floor Safety Institute (NFSI), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on NFSI-sponsored American National Standards, effective November 20, 2013. For additional information, please contact: Ms. Laura Cooper, Deputy Director, National Floor Safety Institute, P.O. Box 76092, Southlake, TX 76092; phone: 817.749.1700, ext. 104; e-mail: laurac@nfsi.org.

SAE International

ANSI's Executive Standards Council has approved the reaccreditation of SAE International, an ANSI Organizational Member, under its recently revised SAE International TSB Governance Policy for documenting consensus on SAE International-sponsored American National Standards, effective November 18, 2013. For additional information, please contact: Ms. Jana Wright, Standards Specialist, Global Ground Vehicle Standards, SAE International, 755 W. Big Beaver Road, Suite 1600, Troy, MI 48084; phone: 248.273.2456; e-mail: jwright@sae.org.

Reaccreditation

Telecommunications Industry Association (TIA)

Comment Deadline: December 23, 2013

The Telecommunications Industry Association (TIA), an ANSI Organizational Member, has submitted for reaccreditation an updated TIA Procedures for American National Standards for documenting consensus on TIA-sponsored American National Standards, as a replacement for its currently accredited TIA Engineering Manual. As the revision appears to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Herb V. Congdon II, PE, Vice-President, Technology & Standards Development, Telecommunications Industry Association, 1320 North Courthouse Road, Suite 200, Arlington, VA 22201; phone: 703.907.7703; e-mail: HCongdon@tiaonline.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 TIA by December 23, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extension

Curtis-Straus, LLC

Comment Deadline: December 23, 2013

Mr. Tadas Stukas – Quality & HSE Manager
Curtis-Straus, LLC
One Distribution Center Circle, Suite #1
Littleton, MA 01460
Phone: 978-486-8880
Fax: 978-486-8828
E-mail: tadas.stukas@us.bureauveritas.com
Web: www.curtis-straus.com

On November 21, 2013, Curtis-Straus, LLC, an ANSI-accredited certification body, extended its scope of ANSI accreditation to include the following:

OFCA Radio Equipment Specifications (HKCA 10XX)

HKCA 1057

Please send your comments by December 23, 2013 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for Comments

Draft International Standards ISO DIS 50003, ISO DIS 50004, ISO DIS 50006, and ISO DIS 50015

Comment Deadline (ISO DIS 50003 and ISO DIS 50015): November 22, 2013

Comment Deadline (ISO DIS 50004 and ISO DIS 50006): March 14, 2014

TC 242 has published the following Draft International Standards ISO DIS 50003 (a requirements document for conformity assessment bodies), ISO DIS 50004 (a guidance document on ISO 50001), ISO DIS 50006 (a guidance document on EnPIs and baselines), and ISO DIS 50015 (a guidance document on measurement and verification principles and guidance). The US TAG invites comments on these documents to be submitted to deann.desai@gatech.edu. The documents can be purchased from ANSI. The comments on ISO DIS 50003 and ISO DIS 50015 are due by November 22, 2013, and the comments on ISO DIS 50004 and ISO DIS 50006 are due by March 14, 2014.

ISO Proposal for a New Field of ISO Technical Activity

Nursing Services Standards – Education and Management

Comment Deadline: January 10, 2014

ISIRI (Iran) has submitted to ISO the attached proposal for a new field of ISO technical activity on the subject of Nursing Services Standards – Education and Management with the following scope statement:

Standardization of nursing services, including the terms and definitions of nursing services, the methods and the related guidelines with the nature of nursing process education, clinical supervision and evaluation of nursing care.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, January 10th, 2014.

U.S. Technical Advisory Groups

U.S. TAG Ballot

ISO CD2 14001, Environmental management systems – Requirements with guidance for use

Comment Deadline: December 6, 2013

The U.S. TAG Chair of ISO TC 207/SC 1 would like to request for a vote of approval/disapproval with comments (if any) for ballot - ISO CD2 14001, Environmental management systems - Requirements with guidance for use. Please direct any related questions and comments to Ms. Jennifer Admussen - standards@asq.org by Friday, December 6, 2013.

Information Concerning

ANSI Accredited Standards Developers

UL Standards Committees

Call for Members

STP 2416 (Standards Technical Panel for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems)

STP 2416 seeks to broaden its membership base and is recruiting new participants in the following interest categories:
AHJ: Those involved in the regulation or enforcement of the requirements of codes and standards at a regional (e.g. state or province) and/or local level. The authority having jurisdiction may be a regional or local department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, state department of insurance official, labor department, or health department; building official; electrical inspector; or others having statutory authority.
Commercial/Industrial User: Organizations that use the product, systems, or service covered by the applicable standards under the STP in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representatives of organizations that produce products, systems, or services covered by the standard, and who also use the product, system, or services, are not eligible for STP membership under this interest category.
General Interest: Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by the STP, and other individuals, etc. that are not covered by the other interest categories.
Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the Supply Chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the Supply Chain category.
Testing and Standards Organization: Organizations that test and/or certify products, services, or systems covered by the standard, or that develop standards/codes related to the products, services, or systems covered by the Standard.
STP 2416 covers the following document:
UL 2416 (Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems)
Contact:
Derrick Martin
Underwriters Laboratories Inc.
455 East Trimble Road
San Jose, CA 95131-1230
PHONE: (408) 754-6656

Information Concerning

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation

Corporacion Centro de Investigacion y Desarrollo Tecnologico del Sector Electrico (CIDET)

Comment Deadline: December 23, 2013

Mr. Juan Camilo Cordoba
Senior Professional, Product Certification
Corporacion Centro de Investigacion y Desarrollo Tecnologico del Sector Electrico (CIDET)
Carrera 46 56-11 Piso 13
Medellin, Colombia
Phone: 57 4 444 1211
Fax: 57 4 293 0460
E-mail: juancamilo.cordoba@cidet.org.co
www.cidet.com.co

On November 19, 2013, Corporacion Centro de Investigacion y Desarrollo Tecnologico del Sector Electrico (CIDET) was approved for Initial Accreditation for the following scopes:

Scopes:

29 ELECTRICAL ENGINEERING
29.060 Electrical wires and cables
29.060.01 Electrical wires and cables in general

29.120 Electrical accessories
29.120.01 Electrical accessories in general
29.120.10 Conduits for electrical purposes
29.120.20 Connecting devices
29.120.30 Plugs, socket-outlets, couplers
29.120.40 Switches
29.120.50 Fuses and other overcurrent protection devices
29.120.70 Relays
29.120.99 Other electrical accessories

29.130 Switchgear and controlgear
29.130.01 Switchgear and controlgear in general
29.130.10 High voltage switchgear and controlgear
29.130.20 Low voltage switchgear and controlgear
29.130.99 Other switchgear and controlgear

29.140 Lamps and related equipment
29.140.01 Lamps in general
29.140.10 Lamp caps and holders
29.140.20 Incandescent lamps
29.140.30 Fluorescent lamps. Discharge lamps
29.140.40 Luminaires
29.140.50 Lighting installation systems
29.140.99 Other standards related to lamps

29.160 Rotating machinery
29.160.01 Rotating machinery in general
29.160.10 Components for rotating machines
29.160.20 Generators
29.160.30 Motors
29.160.40 Generating sets
29.160.99 Other standards related to rotating machinery

29.180 Transformers. Reactors

29.220 Galvanic cells and batteries
29.220.01 Galvanic cells and batteries in general
29.220.20 Acid secondary cells and batteries

29.240 Power transmission and distribution networks
29.240.01 Power transmission and distribution networks in general
29.240.10 Substations. Surge arresters
29.240.20 Power transmission and distribution lines
29.240.30 Control equipment for electric power systems
29.240.99 Other equipment related to power transmission and distribution networks

Please send your comments by December 23, 2013 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

BSR/NIST-ITL 1-2011 Update 2013

Page in Round 1 Version	Section	Table/Fig	Comment	Current text	Suggested change / Resolution
Various		Various tables	Every use of xx.998 GCM - value constraints refer to "one or two integers" - should be "one or two digits"	"one or two integers followed by a single letter"	"one or two digits followed by a single letter"
various	various		The ANSI/NIST 2013 draft out for vote says that T-11/12/22 records must be XML, not traditional format. Essentially, requiring voice to be XML is an unfunded mandate on all potential voice users. It means that users of these new records must use XML libraries for processing, which for some users would expensive and otherwise unnecessary, delaying or preventing implementation of these new records. By defining lists as character-delimited strings, these records can be implemented using traditional encoding.		Editor agrees to make changes to allow the new record types to be implemented in Traditional format. However, editor will also make changes to Type-10 to make the definition of lists consistent for all treatments in these record types. New Section 7.7.13 added: Lists of values in a single information item. In record layout tables, lists are clearly identified as lists containing values. Cardinality is listed as maximum of 1 for the list, but with a statemewnt as to the maximum number of elements in the list.
xxxvii	Intro		Delete text: it is said much better on the very next page! (P1) Text says two blatantly false things: 1) "The transaction shall contain records pertaining to a single subject" and 2) a "unique case" contains type-11 records. Not true: any latent or face search response transaction has no single subject, but returns a candidate list	A transaction is comprised of records ... there is no subject of the transaction. [<2013v]	Delete text: it is said much better on the very next page! (P1)
xxxvii	Introductio n		There is no technical reason to restrict T11/12/22 traditional format.	and they shall not be used in a Traditional format transaction.	delete text.
43	5.3.11		There is no technical reason to restrict T11/12/22 traditional format.	The Type-11 record shall not use Traditional format encoding.	delete text.
43	5.3.12		There is no technical reason to restrict T11/12/22 traditional format.	The Type-12 record shall not use Traditional format encoding.	delete text.
43	5.3.22		There is no technical reason to restrict T11/12/22 traditional format.	Type-22 records shall not use Traditonal format encoding.	delete text.
95	7.7.9		"Indexed" is incorrect in this usage: indexed images use indices to refer to palette locations and are not luminance representations. Also "Pallette", not "Pallet".	Grayscale images shall be encoded as an indexed grayscale image representing the luminance channel of the image (not pallet-defined grayscale) without an alpha channel.	Grayscale images shall be encoded to represent the luminance channel of the image (not pallete-defined grayscale) without an alpha channel.
114	8.1.12		Fragment - cannot tell where this came from.	that Appendix F maximum variance is 5 ppi and PIV maximum variance is 10 ppi.	removed fragment
114	8.1.18		Field 1.018: Weird for a new field to mix numeric and text codes. why not "ISO" or "ISO2" instead of "0"?		changed to ISO -- also changed record layout table to have a minimum of 3 characters for GNS.
116	8.1.18		Should be " not '	List	"List
137		Table 30	Field 9.300-E: RS is not a permissible character (this was removed in several other spots, missed in this one)	delete "RS"	Deleted
158	8.9.5.16		typo	deggrees,	degrees,
204	8.9.7.54		Redundant	Occurrences are numbered starting with 1 (1-based index, not a 0-based index). Occurrences are numbered starting with 1.	Occurrences are numbered starting with 1 (1-based index, not a 0-based index).
213		Table 58	Field 10.029-C: <HLL, not <=HLL	HCX <= HLL	HCX < HLL
213		Table 58	Field 10.029-D: <VLL, not <=VLL	HCY <= VLL	HCY < VLL
213		Table 58	Field 10.032-C: <HLL, not <=HLL	HCX <= HLL	HCX < HLL
213		Table 58	Field 10.032-D: <VLL, not <=VLL	HCY <= VLL	HCY < VLL
213		Table 58	Field 10.033-C: <HLL, not <=HLL	HPO <= HLL	HPO < HLL
213		Table 58	Field 10.033-D: <VLL, not <=VLL	VPO <= VLL	VPO < VLL
215		Table 58	Field 10.045-D: <HLL, not <=HLL	HPO <= HLL	HPO < HLL
215		Table 58	Field 10.045-E: <VLL, not <=VLL	VPO <= VLL	VPO < VLL

Page in Round 1 Version	Section	Table/Fig	Comment	Current text	Suggested change / Resolution
260	8.11		There is no technical reason to restrict T11/12/22 traditional format.	Type -11 records shall not use Traditional format encoding.	< VLL
264 (and elsewhere)		Table 76	All fields that are "list of" in Table 76 and 85 (e.g. 11.022-B (RDD/TRK)) - a "list" is a new type of ANSI/NIST entity that needs to be explained in Section 7. The way they have been defined in the table is not really clear: as written, it looks like it is a single numeric info item, and I went past it three times before I realized what it was. I suggest that you change character type to "List of N" and for cardinality max, use "1 (list of up to X values)" This applies to info items in fields 11.005;11.012;11.022;11.024;11.026;11.028;11.032;11.033;11.034;11.035;11.06;11.037 (3 info items);11.038 -- also in record 12: 12.010-F TARC; 12.011-D MARC		< VLL
267		Table 76	Field 11.034 has a non-standard format: it should be defined as a standard field (not a list), with up to 600000 occurrences. All other lists are needed because they are information items with a need for an additional level; this is a unique (and unnecessary) exception: it should just be a standard field	list of non-negative integers Max occurrence=1	< VLL
303	8.12		There is no technical reason to restrict T11/12/22 traditional format.	Note that the Type-12 record shall not use Traditional format encoding.	< VLL
334		Table 90	Field 13.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	LHC <= HLL	< VLL
334		Table 90	Field 13.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	TVC <= VLL	< VLL
334		Table 90	Field 13.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	RHC <= HLL	< VLL
334		Table 90	Field 13.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	BVC <= VLL	< VLL
350		Table 92	Field 14.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	LHC <= HLL	< VLL
350		Table 92	Field 14.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	TVC <= VLL	< VLL
350		Table 92	Field 14.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	RHC <= HLL	< VLL
350		Table 92	Field 14.015: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	BVC <= VLL	< VLL
351		Table 92	Field 14.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	LHC <= HLL	< VLL
351		Table 92	Field 14.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	TVC <= VLL	< VLL
351		Table 92	Field 14.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	RHC <= HLL	< VLL
351		Table 92	Field 14.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	BVC <= VLL	< VLL
352		Table 92	Field 14.025-C: <HLL, not <=HLL	HPO <= HLL	< VLL
352		Table 92	Field 14.025-D: <VLL, not <=VLL	VPO <= VLL	< VLL
368		Table 94	Field 15.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	LHC <= HLL	< VLL
368		Table 94	Field 15.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	TVC <= VLL	< VLL
368		Table 94	Field 15.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	RHC <= HLL	< VLL
368		Table 94	Field 15.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	BVC <= VLL	< VLL
389		Table 96	Field 17.033, 17.034, 17.035, 17.036, 17.037: <HLL, not <=HLL (5 changes)	HPO<= HLL	< VLL
389		Table 96	Field 17.033, 17.034, 17.035, 17.036, 17.037: <VLL, not <=VLL (5 changes)	VPO<= VLL	< VLL
430		Table 106	Field 19.019: <HLL, not <=HLL	HPO <= HLL	< VLL
430		Table 106	Field 19.019: <VLL, not <=VLL	VPO <= VLL	< VLL
430		Table 106	Field 19.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	LHC <= HLL	< VLL
430		Table 106	Field 19.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	TVC <= VLL	< VLL
430		Table 106	Field 19.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	RHC <= HLL	< VLL
430		Table 106	Field 19.021: LHC,RHC,TVC,BVC all should be < HLL or VLL, not <=	BVC <= VLL	< VLL
443		Table 107	Field 20.016: <HLL, not <=HLL	<= HLL	< VLL
443		Table 107	Field 20.016: <VLL, not <=VLL	<= VLL	< VLL
443		Table 109	Field 20.019 TIS: value range >=0 doesn't make sense. 1) it cannot have negative values, and 2) comparing a string with embedded colons to a numeric isn't ordinary math		delete "TIS >=0" Editor: Nedd to indicate that it can start at zero time, so changing to TIS >= zero index time (00:00:00.000)

Page in Round 1 Version	Section	Table/Fig	Comment	Current text	Suggested change / Resolution
454		Table 110	Field 21.019 TIS: value range >=0 doesn't make sense. 1) it cannot have negative values, and 2) comparing a string with embedded colons to a numeric isn't ordinary math		delete "TIS >=0" Editor: Nedd to indicate that it can start at zero time, so changing to TIS >= zero index time (00:00:00.000)
463	8.22		There is no technical reason to restrict T11/12/22 traditional format.	Note that the Type-22 record shall not use Traditional format encoding.	(delete)
505	B.2.7		There is no technical reason to restrict T11/12/22 traditional format.	B.2.7 Type-11 record [2013v>] The Type-11 record shall not be encoding using the Traditional format.[<2013v]	delete section (there was also a typo: encoded, not encoding) Editor: Section not deleted. Statement included concerning coding of lists.: The Type-11 record contains information items that are lists. In Traditional encoding, the values in the list are separated by the special character "|"
505	B.2.8		There is no technical reason to restrict T11/12/22 traditional format.	B.2.8 Type-12 record [2013d>] The Type-12 record shall not be encoded using the Traditional format.[<2013d]	delete section (there was also a typo: encoded, not encoding) Editor: Section not deleted. Statement included concerning coding of lists.: The Type-12 record contains information items that are lists. In Traditional encoding, the values in the list are separated by the special character "|"
506	B.2.17		There is no technical reason to restrict T11/12/22 traditional format.	B.2.17 Type-22 record [2013d>] The Type-22 record shall not be encoded using the Traditional format.[<2013d]	delete section Editor: section not deleted. Statement similar to other records placed in " There are no special requirements for this record type."
113	8.1.11		AN issue has been raised that come receiving agencies do not have Type-14 capability -- only Type-4. When a sending agency has captured fingerprints at 1000 ppi, current text does not allow them to downsize and send as 500 ppi to the receiving agency. "	"Images with scanning resolution greater than or equal to the 1000 ppi class shall not be transmitted using Record Type-4."	Add ", unless being transmitted at 500 ppi class to a system incapable of receiving Type-14 records at 1000 ppi class or greater."

NSF International Standard
for Plastics –

Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems

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2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

ASTM D2290-12 Standard Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe[1]

ASTM F1588-96 (2011) Standard Test Method for Constant Tensile Load Joint Test (CTLJT)[1]

ASTM D2683-10e1 Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing[1]

ASTM D2737-12a Standard Specification for Polyethylene (PE) Plastic Tubing[1]

ASTM D2837-11 Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products[1]

ASTM D3035-12e1 Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter[1]

ASTM D3261-10a Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing[1]

ASTM D3350-12e1 Standard Specification for Polyethylene Plastics Pipe and Fittings Materials[1]

ASTM D543-06 Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents[1]

ASTM D638 Test Method for Tensile Properties of Plastics[1]

ASTM F412-13 Terminology Relating to Plastic Piping Systems[1]

ASTM F714-13 Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside

[1] American Society for Testing Materials (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 <www.astm.org>.

Diameter[1]

ASTM F1055-13 Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene Pipe and Tubing[1]

ASTM F2620 -12 Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings[1]

AWWA C901-08 Polyethylene (PE) Pressure Pipe and Tubing, ½ in (13 mm) Through 3 in (76 mm), for Water Service Plumbing Fittings[2]

CSA B137.1-09 Polyethylene Pipe, Tubing, and Fittings for Cold Water Pressure Services[3]

PPI TR-3 (2010) Policies and Procedures for Developing Hydrostatic Design Basis (HDB), Hydrostatic Design Stresses (HDS), Pressure Design Basis (PDB), Strength Design Basis (SDB), and Minimum Required Strength (MRS) Ratings for Thermoplastic Piping Materials or Pipe[4]

PPI TR-4 (2011) PPI Listing of Hydrostatic Design Basis (HDB), Hydrostatic Design Stress (HDS), Strength Design Basis (SDB), Pressure Design Basis (PDB) and Minimum Required Strength (MRS) Ratings for Thermoplastic Piping Materials or Pipe[4]

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5 General requirements

5.1 Polyethylene pipe

Polyethylene pipe shall comply with ASTM F714, ASTM D2737, ASTM D3035, CSA B137.1, or AWWA C901. Pipe with a diameter of 2 in (6.033 cm) (nominal) and smaller shall have a maximum dimension ratio (minimum wall thickness) of 11. Pipe with a diameter of larger than 2 in (7.62 cm) (nominal) shall have a maximum dimension ratio (minimum wall thickness) of 17.

5.2 Polyethylene fittings

Butt heat fusion polyethylene fittings shall comply with ASTM D3261.

Socket-type polyethylene fittings shall comply with ASTM D2683.

Electrofusion type polyethylene fittings shall comply with ASTM F1055.

U-bends containing assembled joints shall comply with the sustained pressure at elevated temperature requirements of 7.2.3 of ASTM D3261. Each test specimen shall contain assembled joints consistent with how the product is sold.

5.3 Chemical resistance

Plastic pipe and plastic fitting materials in direct contact with heat transfer fluids shall not exhibit a change in weight greater than 0.5% or a change in apparent tensile strength greater than 12% when tested

[2] American Water Works Association (AWWA), 6666 West Quincy Avenue, Denver, CO 80235 <www.awwa.org>.

[3] Canadian Standards Association (CSA), 178 Rexdale Blvd., Etobicoke, Ontario, Canada M9W 1R3 <www.csa.ca>.

[4] Plastics Pipe Institute, 105 Decker Court, Suite 825 Irving, TX 75062<www.plasticpipe.org>.

according to 5.3.1 through 5.3.4

5.3.1 Determine the resistance to the chemicals in Table 2 in accordance with ASTM D543

5.3.2 Ring specimens shall be cut from a minimum 1 in (2.54 cm) diameter pipe where available. The specimens shall be ½ in (1.27 cm) wide with a ¼ in (0.64 cm) wide reduced section. For materials that are not readily available as minimum 1 in diameter pipe, the test specimen shall be a tensile bar type IV per test method D636 with a thickness of 1.9 +/- 0.2 mm. Specimen shall be either die-cut or machined.~~.~~

5.3.3 Test five specimens with each chemical listed in Table 2. Weigh the specimens to the nearest 0.005 g and completely immerse in the chemicals for 72 h. On removal from the chemicals, wipe the specimens with a clean dry cloth. Condition in air for 2 to 2 ¼ h and reweigh. Calculate the change in weight to the nearest 0.01% on the basis of initial weight.

5.3.4 Test the specimens for tensile strength in accordance with ASTM D2290, Procedure B using 0.5 in/min testing speed within ½ h after weighting for ring tensile specimens and per ASTM D638 using 2 in/min testing speed within ½ h after weighing for tensile bar specimens. Examine the weight and apparent tensile strength of each specimen.

Table 2 – Chemical Challenge Concentrations

Chemical	Concentration
Ethanol	100%
Methanol	100%
Propylene glycol	100%

NOTE – This test is designed to establish basic chemical resistance requirements of plastic piping materials to the major chemicals used in heat transfer fluids. Plastic materials are tested with the chemicals in pure form. Heat transfer fluids contain chemical additives packages such as corrosion inhibitors that are not considered qualified by this test. Heat transfer fluid manufacturers should be consulted regarding the chemical compatibility of each fluid formulation and the piping material.

6 Marking requirements

6.1 Pipe marking

Marking shall be applied so that it can only be physically removed by removing part of the pipe wall. Pipe shall be marked in a contrasting color with the following information:

- nominal size;
- material designation;
- third-party certification mark (if applicable);
- end use of “Geo” or “Geothermal”;
- this standard designation, e.g., NSF/ANSI-358-1;
- pressure rating at rated temperature; and
- applicable marking per section 5.1 and 5.2 referenced standards.

6.2 Fitting marking

Fittings shall be marked with the following information:

- nominal size;

- third-party certification mark (if applicable); and
- standard designation as referenced in 5.1 or 5.2.

6.3 Manufacturers instructions

6.3.1 Protection from UV exposure

Manufacturers' instructions shall contain instructions for the appropriate protection from UV exposure during shipping, handling, storage and installation.

6.3.2 Suitability for burial

Manufacturers' instructions for fittings shall indicate whether or not the fittings are suitable for burial. Fittings requiring exposed metallic components shall not be suitable for burial.

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7.6 Number of test specimens

Unless otherwise specified by an applicable standard as referenced in 2 of this Standard, the minimum number of test specimens for a sample of one size, style, configuration, and material shall be as indicated in Table 3 and 4.

Product-specific quality assurance requirements for polyethylene pipe and fittings are contained within Table 3 and 4.

Table 3 – PE pipe test frequencies and minimum specimens

Test	PE Pipe	Minimum number of specimens
Burst pressure[1]	24 h	5
Dimensions, (Inner diameter or outer diameter)	2 h	3
Dimensions, minimum and maximum wall thickness	2 h	3
Elevated temperature sustained pressure (176 °F) (80 °C)	annually	6
Environmental stress crack resistance	annually	6

[1] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

Table 4 – PE fitting test frequencies and minimum specimens

Test	PE Electro-fusion fittings	PE butt fusion fittings	PE socket type fittings	Minimum number of specimens
Burst pressure	weekly	-	-	5
Inside diameter	24 h		24 h	3
Outside diameter		24 h		3
Wall thickness		24 h		3

Socket bottom[1]			24 h	3
Socket depth[2]			24 h	3
Socket entrance			24 h	3
Impact	weekly			10
Joint crush	weekly			3
Short term rupture strength		weekly	weekly	5
Sustained pressure	annually	annually	annually	6
Tensile	weekly			4

[1]Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

[2]Socket depth and thread length are only required to be verified at the time a new tool is "qualified" or when new or repaired cores are made.

Plastics piping system components and related materials

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Table 10A – PEX, PE-RT, PE-water, PE-storm sewer pipe and tubing frequency

Test	PEX	PE-RT	PE (water)	PE (storm sewer)
pipe OD or ID	2 h	2 h	2 h	2 h
wall thickness (min and max)	2 h	2 h	2 h	2 h
burst pressure [1,5]	24 h	24 h	24 h	24 h
hydrostatic pressure	annually	annually		
density	annually	annually	annually	annually
degree of cross-linking [6]	weekly			
ESCR	annually		annually	
bent tube sustained pressure (hot/cold)	annually			
elevated temperature sustained pressure			semi-annually	
Excessive temperature	annually	annually [7]		
stiffness				annually
flattening				annually
impact				weekly
Product standards	ASTM F876 ASTM F877 ASTM F2788 CSA B137.5	ASTM F2623 ASTM F2769	~~ASTM D2104~~ ASTM D2239 ~~ASTM D2447~~ ASTM D2737 ASTM D3035 ASTM F714 CSA B137.1[4] AWWA C901[2] AWWA C906[3]	ASTM F2306

[1] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.
[2] Pipe and tubing compliant to AWWA C901 shall follow the QC requirements of AWWA C901.
[3] Pipe and tubing compliant to AWWA C906 shall follow the QC requirements of AWWA C906.
[4] Burst Pressure is not required for pipe listed to CSA B137.1.
[5] Burst Test for pipe sizes 24-63” are tested once per week.
[6] Degree of crosslinking samples shall be taken from normal production after the point in the process where the crosslinking reaction is nominally complete
[7] Excessive temperature only applies to F2769

Tracking Number 49i52r1
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Revision to NSF/ANSI 49-2012
Issue 52, Draft 1 (November 2013)

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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5.22 Filters

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

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

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

– HEPA and ULPA filters shall be mounted to prevent air bypass of the filters. When required, one or more ~~0.4 in (1 cm) IPS threaded~~ plugged penetrations shall be located in the plenum upstream of the HEPA or ULPA filters and accessible from under the work surface ~~the front of the cabinet~~. In the case of a Type B2 cabinet where the downflow plenum is not contaminated, the sample port may terminate anywhere that is accessible from the front of the cabinet. If a Type B2 cabinet is equipped with an exhaust sample port, that sample port shall be accessible from under the work surface. Sample ports shall be capped and labeled. The label shall include the purpose of the penetration (upstream aerosol sampling). Sample ports coming from the plenum to the area under the work surface shall have a minimum inside diameter of ¼ inch (7 mm). The tube shall be short enough that it cannot break the plane of the sash. These penetrations are used to measure the aerosol concentration upstream of the HEPA and ULPA filters during the HEPA or ULPA filter leak test (see 6.3). When the penetration enters a potentially contaminated space, it shall be labeled “Decontaminate Cabinet Before Opening”.

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

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

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

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Standards Action Publishing Schedule for 2014, Volume No. 45

*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET.

Issue	Dates for Submitting Data to PSA		Standards Action Dates & Public Review Comment Deadline			
No.	Submit Start	*Submit End 5PM	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/17/2013	12/23/2013	Jan-3	2/2/2014	2/17/2014	3/4/2014
2	12/24/2013	12/30/2013	Jan-10	2/9/2014	2/24/2014	3/11/2014
3	12/31/2013	1/6/2014	Jan-17	2/16/2014	3/3/2014	3/18/2014
4	1/7/2014	1/13/2014	Jan-24	2/23/2014	3/10/2014	3/25/2014
5	1/14/2014	1/20/2014	Jan-31	3/2/2014	3/17/2014	4/1/2014
6	1/21/2014	1/27/2014	Feb-7	3/9/2014	3/24/2014	4/8/2014
7	1/28/2014	2/3/2014	Feb-14	3/16/2014	3/31/2014	4/15/2014
8	2/4/2014	2/10/2014	Feb-21	3/23/2014	4/7/2014	4/22/2014
9	2/11/2014	2/17/2014	Feb-28	3/30/2014	4/14/2014	4/29/2014
10	2/18/2014	2/24/2014	Mar-7	4/6/2014	4/21/2014	5/6/2014
11	2/25/2014	3/3/2014	Mar-14	4/13/2014	4/28/2014	5/13/2014
12	3/4/2014	3/10/2014	Mar-21	4/20/2014	5/5/2014	5/20/2014
13	3/11/2014	3/17/2014	Mar-28	4/27/2014	5/12/2014	5/27/2014
14	3/18/2014	3/24/2014	Apr-4	5/4/2014	5/19/2014	6/3/2014
15	3/25/2014	3/31/2014	Apr-11	5/11/2014	5/26/2014	6/10/2014
16	4/1/2014	4/7/2014	Apr-18	5/18/2014	6/2/2014	6/17/2014
17	4/8/2014	4/14/2014	Apr-25	5/25/2014	6/9/2014	6/24/2014
18	4/15/2014	4/21/2014	May-2	6/1/2014	6/16/2014	7/1/2014
19	4/22/2014	4/28/2014	May-9	6/8/2014	6/23/2014	7/8/2014
20	4/29/2014	5/5/2014	May-16	6/15/2014	6/30/2014	7/15/2014
21	5/6/2014	5/12/2014	May-23	6/22/2014	7/7/2014	7/22/2014
22	5/13/2014	5/19/2014	May-30	6/29/2014	7/14/2014	7/29/2014
23	5/20/2014	5/26/2014	Jun-6	7/6/2014	7/21/2014	8/5/2014
24	5/27/2014	6/2/2014	Jun-13	7/13/2014	7/28/2014	8/12/2014
25	6/3/2014	6/9/2014	Jun-20	7/20/2014	8/4/2014	8/19/2014
26	6/10/2014	6/16/2014	Jun-27	7/27/2014	8/11/2014	8/26/2014
27	6/17/2014	6/23/2014	Jul-4	8/3/2014	8/18/2014	9/2/2014

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28	6/24/2014	6/30/2014	Jul-11	8/10/2014	8/25/2014	9/9/2014
29	7/1/2014	7/7/2014	Jul-18	8/17/2014	9/1/2014	9/16/2014
30	7/8/2014	7/14/2014	Jul-25	8/24/2014	9/8/2014	9/23/2014
31	7/15/2014	7/21/2014	Aug-1	8/31/2014	9/15/2014	9/30/2014
32	7/22/2014	7/28/2014	Aug-8	9/7/2014	9/22/2014	10/7/2014
33	7/29/2014	8/4/2014	Aug-15	9/14/2014	9/29/2014	10/14/2014
34	8/5/2014	8/11/2014	Aug-22	9/21/2014	10/6/2014	10/21/2014
35	8/12/2014	8/18/2014	Aug-29	9/28/2014	10/13/2014	10/28/2014
36	8/19/2014	8/25/2014	Sep-5	10/5/2014	10/20/2014	11/4/2014
37	8/26/2014	9/1/2014	Sep-12	10/12/2014	10/27/2014	11/11/2014
38	9/2/2014	9/8/2014	Sep-19	10/19/2014	11/3/2014	11/18/2014
39	9/9/2014	9/15/2014	Sep-26	10/26/2014	11/10/2014	11/25/2014
40	9/16/2014	9/22/2014	Oct-3	11/2/2014	11/17/2014	12/2/2014
41	9/23/2014	9/29/2014	Oct-10	11/9/2014	11/24/2014	12/9/2014
42	9/30/2014	10/6/2014	Oct-17	11/16/2014	12/1/2014	12/16/2014
43	10/7/2014	10/13/2014	Oct-24	11/23/2014	12/8/2014	12/23/2014
44	10/14/2014	10/20/2014	Oct-31	11/30/2014	12/15/2014	12/30/2014
45	10/21/2014	10/27/2014	Nov-7	12/7/2014	12/22/2014	1/6/2015
46	10/28/2014	11/3/2014	Nov-14	12/14/2014	12/29/2014	1/13/2015
47	11/4/2014	11/10/2014	Nov-21	12/21/2014	1/5/2015	1/20/2015
48	11/11/2014	11/17/2014	Nov-28	12/28/2014	1/12/2015	1/27/2015
49	11/18/2014	11/24/2014	Dec-5	1/4/2015	1/19/2015	2/3/2015
50	11/25/2014	12/1/2014	Dec-12	1/11/2015	1/26/2015	2/10/2015
51	12/2/2014	12/8/2014	Dec-19	1/18/2015	2/2/2015	2/17/2015
52	12/9/2014	12/15/2014	Dec-26	1/25/2015	2/9/2015	2/24/2015

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1	12/16/2014	12/22/2014	Jan-2	2/1/2015	2/16/2015	3/3/2015