ANSI STANDARDS ACTION

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VOL. 46, #15 *April 10, 2015*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 10, 2015

API (American Petroleum Institute)

New Standard

BSR/API RP 1173-201x, Pipeline Safety Management Systems (new standard)

This recommended practice (RP) establishes a framework of pipeline safety management systems for organizations that operate hazardous liquids and gas pipelines jurisdictional to the US DOT. This RP provides pipeline operators with safety management system requirements that, when applied, provide a framework to reveal and manage risk, promote a learning environment, and continuously improve pipeline safety and integrity. This RP provides a comprehensive framework and defines the elements needed to identify and address safety for a pipeline's lifecycle.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (new standard)

The following changes in requirements in UL 746C are being proposed: (1) Deletion of the twin carbon arc equipment for UV testing.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546 -2593, raymond.m.suga@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 127-201X, Standard for Safety for Factory-Built Fireplaces (revision of ANSI/UL 127-2014)

UL proposes an addition of floor temperatures beyond the hearth extension.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

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

This covers revisions for motorized products employing 20 AWG SPT-2W.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

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

This proposal revises the Moist Ammonia Air Stress Cracking Test.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2200-201x, Standard for Safety for Stationary Engine Generators (revision of ANSI/UL 2200-2014b)

(1) Revision to Paragraph 41.1.3.3 to add higher pressure flexible fuel tubing and hose types for gasoline or diesel fuel.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664 -2023, Amy.K.Walker@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 6703-201x, Standard for Safety for Connectors for Use with Photovoltaic Systems (revision of ANSI/UL 6703-2015)

This proposal clarifies the requirements for single pole connectors used in AC circuits.

Click here to view these changes in full

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

Comment Deadline: May 25, 2015

AAMI (Association for the Advancement of Medical Instrumentation)

Revision

BSR/AAMI/ISO 11137-3-201x, Sterilization of health care product - Radiation - Part 3: Guidance on dosimetric aspects of development, validation and routine control (revision of ANSI/AAMI/ISO 11137-3-2006 (R2010))

Provides guidance on meeting the requirements in ISO 11137 parts 1 and 2 and in ISO TS 13004 relating to dosimetry and its use in development, validation, and routine control of a radiation sterilization process.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/kws/public/document?document_id=5853&wg_abbrev=PUBLIC_REV

Order from: https://standards.aami.org/kws/public/document?document_id=5853&wg_abbrev=PUBLIC_REV

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

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

Revision

APCO ANS 3.103.2-201x, Minimum Training Standards for Public Safety Telecommunicators (revision and redesignation of ANSI/APCO 3.103.1 -2010)

This standard identifies minimum training requirements for both new and veteran Public Safety Telecommunicators. This position is typically tasked with receiving, processing, transmitting, and conveying public safety information to dispatchers, law enforcement officers, firefighters, and emergency medical and emergency management personnel. This document seeks to define training in certain knowledge and skills for the Agency to provide to Telecommunicators. The 2013 revision will include defined training needs for Telecommunicators on new and emerging technologies, including text-to-911.

Single copy price: Free

Obtain an electronic copy from: standards@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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASAE EP484.3 MONYEAR-201x, Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings (revision and redesignation of ANSI/ASAE EP484.2-AUG98 (R2012))

Consensus document for the analysis and design of metal-clad wood-frame buildings using roof and ceiling diaphragms, alone or in combination. The roof (and ceiling) diaphragms, endwalls, intermediate shearwalls, and building frames are the main structural elements of a structural system used to efficiently resist the design lateral (wind) loads. This Engineering Practice gives acceptable methods for analyzing and designing the elements of the diaphragm system.

Single copy price: $55.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASTM (ASTM International)

New Standard

BSR/ASTM F2001-201x, Guide for Vessel-Related Technical Information for Use in Developing an Electronic Database and Ship Safety Record (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)

New Standard

BSR/ASTM F2017-201x, Guide for Database Structure of Electronic Data Interchange Between Ship Owner and Shipyard for Contract Administration (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1076-2010 (R201x), Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (reaffirmation of ANSI/ASTM F1076 -1997 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1098-2010 (R201x), Specification for Envelope Dimensions for Butterfly Valves - NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-87 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1120-2010 (R201x), Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications (reaffirmation of ANSI/ASTM F1120-1987 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1121-2010 (R201x), Specification for International Shore Connections for Marine Fire Applications (reaffirmation of ANSI/ASTM F1121-87 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1122-2010 (R201x), Specification for Quick Disconnect Couplings (6 in. NPS and Smaller) (reaffirmation of ANSI/ASTM F1122-2004 (R2010))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1123-2010 (R201x), Specification for Non-Metallic Expansion Joints (reaffirmation of ANSI/ASTM F1123-87 (R2010))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1139-2010 (R201x), Specification for Steam Traps and Drains (reaffirmation of ANSI/ASTM F1139-88 (R2010))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1155-2010 (R201x), Practice for Selection and Application of Piping System Materials (reaffirmation of ANSI/ASTM F1155-2010)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1172-2010 (R201x), Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type (reaffirmation of ANSI/ASTM F1172 -88 (R2010))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1199-2010 (R201x), Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150F Maximum) (reaffirmation of ANSI/ASTM F1199-88 (R2010))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1337-2010 (R201x), Practice for Human Systems Integration Program Requirements for Ships and Marine Systems, Equipment, and Facilities (reaffirmation of ANSI/ASTM F1337-2010)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1716-2008 (R201x), Guide for Transition and Performance of Marine Software Systems Maintenance (reaffirmation of ANSI/ASTM F1716 -1997 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1757-2008 (R201x), Guide for Digital Communication Protocols for Computerized Systems (reaffirmation of ANSI/ASTM F1757-1996 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1878-2009 (R201x), Guide for Escort Vessel Evaluation and Selection (reaffirmation of ANSI/ASTM F1878-1998 (R2009))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2218-2008 (R201x), Guide for Hardware Implementation for Computerized Systems (reaffirmation of ANSI/ASTM F2218-2008)

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ASTM (ASTM International)

Revision

BSR/ASTM D3841-201x, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2001 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2876-2010 (R201x), Practice for Thermal Rating and Installation of Internal Combustion Engine Packages for Use in Hazardous Locations in Marine Applications (reaffirmation of ANSI/ASTM F2876-2010)

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ASTM (ASTM International)

Revision

BSR/ASTM D4024-201x, Specification for Machine Made Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Flanges (revision of ANSI/ASTM D4024-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D2143-201x, Test Method for Cyclic Pressure Strength of Reinforced, Thermosetting Plastic Pipe (revision of ANSI/ASTM D2143-2000 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D4068-201x, Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane (revision of ANSI/ASTM D4068-2009)

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ASTM (ASTM International)

Revision

BSR/ASTM D2996-201x, Specification for Filament-Wound Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2996-2001 (R2007))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D4726-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D2997-201x, Specification for Centrifugally Cast Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2997-2001 (R2007))

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ASTM (ASTM International)

Revision

BSR/ASTM D5421-201x, Specification for Contact Molded Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Flanges (revision of ANSI/ASTM D5421-2005 (R2010))

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ASTM (ASTM International)

Revision

BSR/ASTM E8-201x, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-2015)

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ASTM (ASTM International)

Revision

BSR/ASTM E230-201x, Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples (revision of ANSI/ASTM E230 -2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E699-201x, Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components (revision of ANSI/ASTM E699-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2159-201x, Guide for Selection, Assignment, and Monitoring of Persons to Be Utilized as Assessors/Auditors or Technical Experts (revision of ANSI/ASTM E2159-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F1134-201x, Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (revision of ANSI/ASTM F1134 -2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F1322-201x, Guide for Selection of Shipboard Incinerators (revision of ANSI/ASTM F1322-1990 (R2009))

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ASTM (ASTM International)

Revision

BSR/ASTM F1836M-201x, Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (revision of ANSI/ASTM F1836M-2009 (R2013))

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM D4398-2007, Test Method for Determining the Chemical Resistance of Fiberglass-Reinforced Thermosetting Resins by One-Side Panel Exposure (withdrawal of ANSI/ASTM D4398-2007)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F1547-2009, Guide Listing Relevant Standards and Publications for Commercial Shipbuilding (withdrawal of ANSI/ASTM F1547 -2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F1756-1997a (R2008), Guide for Implementation of a Fleet Management System Network (withdrawal of ANSI/ASTM F1756-1997a (R2008))

http://www.astm.org/ANSI_SA

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ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR/ATIS 0600015.11-201x, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Power Systems, DC/DC Converters (new standard)

This document defines how to measure the Telecommunication Energy Efficiency Ratio (TEER) of DC/DC Converters. The standard also provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: $30.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600321-201x, Electrical Protection for Network Operator-Type Equipment Positions (revision of ANSI/ATIS 0600321-2010)

This standard addresses electrical protection at new installations of network operator-type equipment positions, and at buildings housing such positions. Electrical disturbances may appear at network operator-type equipment positions arising either from Electrostatic Discharge (ESD), or from other sources that are internal or external to the building containing these positions, such as lightning or ac power disturbances.

Single copy price: $60.00

Obtain an electronic copy from: kconn@atis.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C203-201x, Coal-Tar Protective Coatings and Linings for Steel Water Pipe (revision of ANSI/AWWA C203-2009)

This standard provides the minimum requirements for coal-tar protective coatings and linings used in the water supply industry for buried steel water pipelines. AWWA steel pipe coating and lining standards are written for and based on the service temperature of potable water. For operating temperatures higher than the normal temperature of potable water, consult the manufacturer for recommendations concerning temperature limitations for coal-tar protective coatings and linings.

Single copy price: $20.00

Obtain an electronic copy from: vdavid @awwa.org

Order from: Paul Olson, (303) 347-3178, polson@awwa.org; vdavid@awwa.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 CPM CMET, R2-201x, HL7 Version 3 Standard: Common Product Model CMETs, Release 2 (revision and redesignation of ANSI/HL7 V3 CPM CMET, R1-2014)

The Common Product Model provides a single representation for product data to enable consistent inclusion of product information in HL7 V3 models. In this context, a product is defined as "any material item or substance that can be offered to a market that might satisfy a want or need". However, items produced and consumed at home are also included. Release 2 adds support for Risk Evaluation and Mitigation Strategies (REMS) Review and adds, as necessary, support for management of applications/approvals of products and product-related facilities.

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

Obtain an electronic copy from: Karenvan@HL7.org

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

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

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO USEHC 1-201x, Uniform Solar Energy and Hydronics Code (revision of ANSI/IAPMO USEC 1-2012)

Applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy, geothermal, and hydronic systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

Single copy price: $15.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org; abraham.murra@iapmort.org

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

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO USPSHTC 1-201x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2012)

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, or maintenance of swimming pool, spa, or hot tub systems.

Single copy price: $15.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org; abraham.murra@iapmort.org

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

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Revision

BSR C63.2-201x, Standard for Specifications of Electromagnetic Noise and Field Strength Instrumentation for the frequency range 9 kHz to 40 GHz (revision of ANSI C63.2-2009)

This standard specifies requirements for measuring receivers (i.e., EMI receivers and spectrum analyzers with and without preselection) used for radiated and conducted measurements. Specifications relate to the test equipment itself, not transducers like antennas, LISNs, or current probes.

Single copy price: $NA

Obtain an electronic copy from: p.roder@ieee.org

Order from: Patricia Roder, (732) 275-7362, p.roder@ieee.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 90-201X, Standard for Commissioning Building Electrical Systems (revision of ANSI/NECA 90-2004 (R2010))

This standard describes installation procedures for commissioning common newly installed or retrofitted building electrical systems and equipment. It defines the process of commissioning building electrical systems and provides sample guidelines for attaining optimum system performances that conform to design, specification, and industry accepted codes and standards. This standard is not intended to cover commissioning processes for every type of electrical system and references other specific NEIS documents where such information is provided.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Sofia Arias, (301) 215-4549, sofia.arias@necanet.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 409-201X, Standard for Installing and Maintaining Dry-Type Transformers (revision of ANSI/NECA 409-2009)

This standard describes the installation and maintenance procedures for single- and three-phase general purpose dry-type distribution and power transformers and associated accessories rated 600 Volts AC or less, and 0.25 kVA or more. This publication applies to indoor and outdoor, ventilated and nonventilated, two-winding transformers used for supplying power, heating, and lighting loads for commercial, institutional, and industrial use in nonhazardous locations

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Sofia Arias, (301) 215-4549, sofia.arias@necanet.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA/NEMA 105-201X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2007)

NEMA VE 2 addresses shipping, handling, storing, and installing cable tray systems and provides information on maintenance and system modification.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Sofia Arias, (301) 215-4549, sofia.arias@necanet.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revision

BSR/NEMA C78.377-201x, Electric Lamps: Specifications for the Chromaticity of Solid State Lighting Products (revision of ANSI/NEMA ANSLG C78.377-2011)

The purpose of this revision is to investigate the need for a tighter specification than the 7-step Macadam ellipse for SSL indoor products. To also justify moving from Macadam's ellipses to quadrangles.

Single copy price: $100.00

Obtain an electronic copy from: karen.willis@nema.org

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.org

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 212-201x, Cable Operator Energy Audit Framework and Establishment of Energy Baseline (new standard)

Defines how cable operators should audit power consumption and accurately establish an energy baseline for inside and outside plant excluding any customer-powered equipment.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 91-201x, Specification for 5/8-24 RF & AC Equipment Port, Female (revision of ANSI/SCTE 91-2009)

The purpose of this specification is to serve as a recommended guideline for the physical dimensions of all female 5/8-24 equipment ports for RF and AC powering that are used in the 75-ohm RF broadband communications industry. It is not the purpose of this standard to specify the details of manufacturing.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.500-E-2010 (R201x), Part 500: Wireless Radiotelecommunications Intersystem Operations - Introduction to Signaling Protocols (reaffirmation of ANSI/TIA 41.500-E-2004 (R2010))

This Standard specifies MAP Protocol Architecture. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $65.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.510-E-2010 (R201x), Part 510: Wireless Radiotelecommunications Intersystem Operations - X.25 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.510-E-2004 (R2010))

ANSI/TIA 41 is still in widespread use by CDMA operators around the world and this ballot will verify that the standard should remain active.

Single copy price: $64.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.512-E-2010 (R201x), Part 512: Wireless Radiotelecommunications Intersystem Operations - IT/SS7 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.512-E-2004 (R2010))

ANSI/TIA 41 is in widespread use by CDMA operators around the world, and this ballot will verify that sufficient companies want it to remain an active standard.

Single copy price: $67.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.520-E-2010 (R201x), Part 520: Wireless Radiotelecommunications Intersystem Operations - TCAP Application Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.520-E-2004 (R2010))

ANSI/TIA 41 is in wide spread use by CDMA operators around the world and this ballot will determine whether sufficient companies want it to remain an active standard.

Single copy price: $76.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.540-E-2010 (R201x), Part 540: Wireless Radiotelecommunications Intersystem Operations - MAP Operations Signaling Protocols (reaffirmation of ANSI/TIA 41.540-E-2004 (R2010))

This standard is on MAP Operations. Need to verify whether this standard is still in use in the field and then determine whether to reaffirm it.

Single copy price: $281.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.550-E-2010 (R201x), Part 550: Wireless Radiotelecommunications Intersystem Operations - MAP Parameters Signaling Protocols (reaffirmation of ANSI/TIA 41.550-E-2004 (R2010))

We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $428.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.551-E-2010 (R201x), Part 551: Wireless Radiotelecommunications Intersystem Operations - Parameter Types Signaling Protocols (reaffirmation of ANSI/TIA 41.551-E-2004 (R2010))

We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $88.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.590-E-2010 (R201x), Part 590: Wireless Radiotelecommunications Intersystem Operations - MAP Compatibility Signaling Protocols (reaffirmation of ANSI/TIA 41.590-E-2004 (R2010))

This standard is on MAP Capability Guidelines and Rules. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $67.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.700-E-2010 (R201x), Part 700: Wireless Radiotelecommunications Intersystem Operations - Introduction to WIN Functional Plane (reaffirmation of ANSI/TIA 41.700-E-2004 (R2010))

This part of ANSI/TIA 41 defines the distributed functional plane (DFP) for the Wireless Intelligent Network (WIN). We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $67.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.730-E-2010 (R201x), Part 730: Wireless Radiotelecommunications Intersystem Operations - WIN Distributed Plane and Model (reaffirmation of ANSI/TIA 41.730-E-2004 (R2010))

This standard is on WIN Distributed Functional Model. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $73.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.750-E-2010 (R201x), Part 750: Wireless Radiotelecommunications Intersystem Operations - SSF/CCF Call and Service Logic Model (reaffirmation of ANSI/TIA 41.750-E-2004 (R2010))

This standard is on SSF/CCF Call and Service Logic Model. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $116.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 41.790-E-2010 (R201x), Part 790: Wireless Radiotelecommunications Intersystem Operations - Annexes (reaffirmation of ANSI/TIA 41.790-E-2004 (R2010))

This Annex describes the following call delivery scenarios: (a) normal MS-MS call delivery, with both MSs served by the same MSC; (b) normal MS-MS call delivery, with MSs served by different Serving MSCs. These scenarios provide guidance on the intended functioning of the call model with respect to TIA/EIA-41 intersystem operations. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $95.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 124-E-2011 (R201x), Wireless Radio Telecommunication Intersystem Non-Signaling Data Communication DMH (Data Message Handler) (reaffirmation of ANSI/TIA 124-E-2006 (R2011))

This document describes the messages and procedures required to perform call detail record data transmission between systems. We need to verify that this specification is still in use by the industry and, if so, reaffirm.

Single copy price: $504.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 607-C-201x, Generic Telecommunications Grounding (Earthing) and Bonding for Customer Premises (revision and redesignation of ANSI/TIA 607-B-2011)

This Standard specifies requirements for a generic telecommunications bonding and grounding infrastructure and its interconnection to electrical systems and telecommunications systems. This Standard may also be used as a guide for the renovation or retrofit of existing systems. Revision needed to incorporate addenda, update references, and harmonize with ISO/IEC 30129.

Single copy price: $174.00

Obtain an electronic copy from: standards@tiaonline.org

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

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 203A-201x, Standard for Safety for Sway Brace Devices for Sprinkler System Piping (new standard)

This proposed First Edition of UL 203A covers sway brace devices intended to protect sprinkler system piping in locations subject to earthquakes. These devices are intended for installation in accordance with the Standard for the Installation of Sprinkler Systems, NFPA 13.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 489B-201X, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems (new standard)

Proposed first edition of the Standard for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems, UL 489B.

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: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 60745-2-14-2011 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-14: Particular Requirements for Planers (reaffirmation of ANSI/UL 60745-2-14-2011)

(1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-14: Particular Requirements for Planers, UL 60745-2-14, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 60745-2-17-2011 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular Requirements for Routers and Trimmers (reaffirmation of ANSI/UL 60745-2-17-2011)

(1) Reaffirmation and continuance of the third edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular Requirements for Routers and Trimmers, UL 60745-2-17, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 60745-2-19-2011 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular Requirements for Jointers (reaffirmation of ANSI/UL 60745-2-19-2011)

(1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular Requirements for Jointers, UL 60745-2-19, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1026-201X, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposal dated 4/10/15) (revision of ANSI/UL 1026-2012)

Addition of a new supplement SA for Smart Enabled Cooking Appliances.

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

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:

TIA (Telecommunications Industry Association)

BSR/TIA 5035-201x, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems, Extending Frequency Capabilities to 2 GHz. (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 5036-201x, Optical Fiber Cabling Component Standard (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 5037-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Handsets (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 5033/ IEC 61280-1-1 ed. 2-201x, Effective Transmitter Output Power Coupled into Single-Mode Fiber Optic Cable - Adoption of IEC 61280 -1-1 ed. 2 - Part 1-1: Test Procedures for General Communication Subsystems - Transmitter Output Optical Power Measurement for Single-Mode Optical Fibre Cable (identical national adoption of IEC 61280-1-1 ed. 2)

Inquiries may be directed to Germaine Palangdao, (703) 907-7497, standards@tiaonline.org

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 15676-201x, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO) (new standard)

Obtain an electronic copy from: cbernier@aami.org

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: *Sally Goodson*

Phone: (202) 682-8130

Fax: (202) 962-4797

E-mail: goodsons@api.org

BSR/API MPMS Chapter 9.4, 1st Edition-201x, Continuous Density Measurement Under Dynamic (Flowing) Conditions (new standard)

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: *James Neckel*

Phone: 703-295-6176

E-mail: jneckel@asce.org

BSR/ASCE/CI 38-201x, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data (new standard)

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 15-1-201x, Standard for Production Testing of Pressure Regulators (new standard)

BSR/FCI 79-1-201x, Standard for Proof of Pressure Rating of Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1 -2009)

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448

Contact: *Conrad Jahrling*

Phone: (708) 995-3017

Fax: (708) 479-6139

E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1014-201x, Performance Requirements for Backflow Prevention Devices for Hand-Held Shower (new standard)

BSR/ASSE 1020-201x, Performance Requirements for Pressure Vacuum Breaker Assembly (new standard)

IAPMO (International Association of Plumbing & Mechanical Officials)

Office: 4755 East Philadelphia Street
Ontario, CA 91761

Contact: *Lynne Simnick*

Phone: (909) 472-4110

Fax: (909) 472-4246

E-mail: lynne.simnick@iapmo.org; abraham.murra@iapmort.org

BSR/IAPMO USPSHTC 1-201x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2012)

Obtain an electronic copy from: lynne.simnick@iapmo.org

BSR/IAPMO USEHC 1-201x, Uniform Solar Energy and Hydronics Code (revision of ANSI/IAPMO USEC 1-2012)

Obtain an electronic copy from: lynne.simnick@iapmo.org

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 544-201x, Information technology - Fibre Channel Single-Byte Command Code Sets-6 - Mapping Protocol (new standard)

NECA (National Electrical Contractors Association)

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

Contact: *Sofia Arias*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: sofia.arias@necanet.org

BSR/NECA 90-201X, Standard for Commissioning Building Electrical Systems (revision of ANSI/NECA 90-2004 (R2010))

Obtain an electronic copy from: neis@necanet.org

BSR/NECA 409-201X, Standard for Installing and Maintaining Dry-Type Transformers (revision of ANSI/NECA 409-2009)

Obtain an electronic copy from: neis@necanet.org

BSR/NECA/NEMA 105-201X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2007)

Obtain an electronic copy from: neis@necanet.org

NENA (National Emergency Number Association)

Office: 1700 Diagonal Road
Suite 500
Alexandria, VA 22314

Contact: *Roger Hixson*

Phone: (202) 618-4405

E-mail: rhixson@nena.org

BSR/NENA-STA-023.1-201X, NG9-1-1 PSAP Standards (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Stephanie Montgomery*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 41.500-E-2010 (R201x), Part 500: Wireless Radiotelecommunications Intersystem Operations - Introduction to Signaling Protocols (reaffirmation of ANSI/TIA 41.500-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.510-E-2010 (R201x), Part 510: Wireless Radiotelecommunications Intersystem Operations - X.25 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.510-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.512-E-2010 (R201x), Part 512: Wireless Radiotelecommunications Intersystem Operations - IT/SS7 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.512-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.520-E-2010 (R201x), Part 520: Wireless Radiotelecommunications Intersystem Operations - TCAP Application Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.520-E -2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.540-E-2010 (R201x), Part 540: Wireless Radiotelecommunications Intersystem Operations - MAP Operations Signaling Protocols (reaffirmation of ANSI/TIA 41.540-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.550-E-2010 (R201x), Part 550: Wireless Radiotelecommunications Intersystem Operations - MAP Parameters Signaling Protocols (reaffirmation of ANSI/TIA 41.550-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.551-E-2010 (R201x), Part 551: Wireless Radiotelecommunications Intersystem Operations - Parameter Types Signaling Protocols (reaffirmation of ANSI/TIA 41.551-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.590-E-2010 (R201x), Part 590: Wireless Radiotelecommunications Intersystem Operations - MAP Compatibility Signaling Protocols (reaffirmation of ANSI/TIA 41.590-E -2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.700-E-2010 (R201x), Part 700: Wireless Radiotelecommunications Intersystem Operations - Introduction to WIN Functional Plane (reaffirmation of ANSI/TIA 41.700-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.730-E-2010 (R201x), Part 730: Wireless Radiotelecommunications Intersystem Operations - WIN Distributed Plane and Model (reaffirmation of ANSI/TIA 41.730-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.750-E-2010 (R201x), Part 750: Wireless Radiotelecommunications Intersystem Operations - SSF/CCF Call and Service Logic Model (reaffirmation of ANSI/TIA 41.750-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 41.790-E-2010 (R201x), Part 790: Wireless Radiotelecommunications Intersystem Operations - Annexes (reaffirmation of ANSI/TIA 41.790-E-2004 (R2010))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 124-E-2011 (R201x), Wireless Radio Telecommunication Intersystem Non-Signaling Data Communication DMH (Data Message Handler) (reaffirmation of ANSI/TIA 124-E-2006 (R2011))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 607-C-201x, Generic Telecommunications Grounding (Earthing) and Bonding for Customer Premises (revision and redesignation of ANSI/TIA 607-B-2011)

Obtain an electronic copy from: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

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

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

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

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

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

Final Actions on American National Standards

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

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

New Standard

ANSI/APCO 1.107.1-2015, Standard for the Establishment of a Quality Assurance and Quality Improvement Program for Public Safety Answering Points (new standard): 4/2/2015

ANSI/APCO 1.116.1-2015, Public Safety Communications Common Status Codes for Data Exchange (new standard): 4/7/2015

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S12.60/Part 1-2010 (R2015), Standard Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 1: Permanent Schools (reaffirmation of ANSI/ASA S12.60-2010/Part 1): 4/1/2015

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S2.34-1984 (R2015), Standard Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix (reaffirmation of ANSI/ASA S2.34-1984 (R2010)): 4/1/2015

ANSI/ASA S2.46-1989 (R2015), Standard Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI/ASA S2.46 -1989 (R2010)): 4/1/2015

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD730:2009 W/Amd. 1-2015, Agricultural wheeled tractors - Rear-mounted three-point linkage - Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 (national adoption of ISO 703:2009 and ISO 730:2009/AMD.1:2014 with modifications and revision of ANSI/ASABE AD730-2013): 4/6/2015

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

New Standard

* ANSI/ASHRAE Standard 185.1-2015, Method of Testing UVC Lights for Use in Air Handling Units or Air Ducts to Inactivate Airborne Microorganisms (new standard): 4/1/2015

Revision

ANSI/ASHRAE Standard 145.1-2015, Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media (revision of ANSI/ASHRAE Standard 145.1 -2008): 4/1/2015

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME BPVC Section I-2015, Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I-2013): 4/2/2015

ANSI/ASME BPVC Section II-2015, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2013): 4/2/2015

ANSI/ASME BPVC Section II-2015, Part A - Ferrous Material Specifications; Part B - Nonferrous Material Specifications; Part D - Materials Properties (revision of ANSI/ASME BPVC Section II -2013): 4/2/2015

ANSI/ASME BPVC Section III-2015, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III -2013): 4/2/2015

ANSI/ASME BPVC Section IV-2015, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2013): 4/2/2015

ANSI/ASME BPVC Section IX-2015, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2013): 4/2/2015

ANSI/ASME BPVC Section V-2015, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2013): 4/2/2015

ANSI/ASME BPVC Section VII-2015, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2013): 4/2/2015

ANSI/ASME BPVC Section VIII-2015, Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII-2013): 4/2/2015

ANSI/ASME BPVC Section X-2015, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2013): 4/2/2015

ANSI/ASME BPVC Section XI-2015, Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2013): 4/2/2015

ANSI/ASME BPVC Section XII-2015, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2013): 4/2/2015

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0900105-2015, Synchronous Optical Network (SONET) - Basic Description Including Multiplex Structure, Rates, and Formats (revision, redesignation and consolidation of ANSI/ATIS 0900105 -2008 (R2013)): 4/7/2015

B11 (B11 Standards, Inc.)

New Standard

ANSI B11.25-2015, Safety Requirements for Large Machines (new standard): 4/7/2015

EOS/ESD (ESD Association, Inc.)

Revision

ANSI/ESDA/JEDEC JS-002-2015, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) - Device Level (revision and redesignation of ANSI/ESD S5.3.1-2009): 4/7/2015

ISANTA (International Staple, Nail and Tool Association)

New Standard

ANSI SNT-101-2015, Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Tools (new standard): 4/7/2015

RVIA (Recreational Vehicle Industry Association)

Revision

ANSI A119.5-2015, Standard for Park Model Recreational Vehicles (revision of ANSI A119.5-2009): 4/7/2015

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 201-2015, Standard for Safety for Garage Equipment (Proposals dated July 18, 2014) (revision of ANSI/UL 201-2009): 3/31/2015

ANSI/UL 201-2015a, Standard for Safety for Garage Equipment (Proposal dated 1/23/15) (revision of ANSI/UL 201-2009): 3/31/2015

* ANSI/UL 8750-2015, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2014): 4/1/2015

* ANSI/UL 8750-2015a, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2014): 4/1/2015

* ANSI/UL 60745-2-23-2015, Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools (revision and redesignation of ANSI/UL 60745-2-23-2013): 4/6/2015

VITA (VMEbus International Trade Association (VITA))

New Standard

ANSI/VITA 78-2015, SpaceVPX System Specification (new standard): 4/2/2015

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

Revision

ANSI WMMA O1.1-1-2015, Safety Requirements for Fixed Angle Jump Saws (revision of ANSI WMMA O1.1-1-2007): 4/7/2015

Correction

Incorrect Designation

INCITS/ISO/IEC 27004

In the Final Actions section of the February 27, 2015 issue of Standards Action, INCITS/ISO/IEC 27004 had the wrong designation. The correct designation is INCITS/ISO/IEC 27004-2009[2015].

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.

AAMI (Association for the Advancement of Medical Instrumentation)

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Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 15676-201x, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO) (new standard)

Stakeholders: US manufacturers and users of single-use tubing packs for ECMO.

Project Need: Currently no ANS exists for this device.

Specifies requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO). Applicable to all medical tubing intended for cardiopulmonary bypass (CPB) and/or extracorporeal membrane oxygenation (ECMO), but specific requirements and tests are included for tubing intended for use with peristaltic pumps during (short- term, i.e., < 6 h duration) CPB surgery, or (long-term, i.e., > 24 h) ECMO procedures. The sterility and non-pyrogenicity provisions of this standard are applicable to tubing packs labelled as “sterile”.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: *Sally Goodson*

Fax: (202) 962-4797

E-mail: goodsons@api.org

BSR/API MPMS Chapter 9.4, 1st Edition-201x, Continuous Density Measurement Under Dynamic (Flowing) Conditions (new standard)

Stakeholders: Petrochemical producers; petrochemical suppliers; petrochemical purchasers; petrochemical service providers; petrochemical measurement device manufacturers and purchasers; petrochemical pipeline, terminal, and facility operators.

Project Need: To provide a minimum set of requirements for flowing liquid density measurement applications including custody transfer.

This standard covers the continuous/on-line determination and application of flowing liquid densities for custody transfer. This standard covers liquid and dense phase fluids including: natural gas liquids, refined products, chemicals, crude oil, and other liquid products commonly encountered in the petroleum industry. This document does not apply to the density measurement of natural gas; LNG; multiphase mixtures; semi-solid liquids, such as asphalt; and solids, such as coke and slurries. This standard also provides criteria and procedures for designing, installing, operating, and proving continuous/on-line density measurement systems for custody transfer.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: *James Neckel*

E-mail: jneckel@asce.org

* BSR/ASCE/CI 38-201x, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data (new standard)

Stakeholders: Project owners, contractors, utility companies, engineers, and surveyors.

Project Need: The intent of this standard guideline is to present a system of classifying the level of detail and quality of data associated with the location of existing subsurface utilities.

The scope of this document is a consensus standard guideline for defining the quality of utility location and the attribute information that is placed on plans. The standard guideline addresses issues such as (a) how utility information can be obtained, (b) what technologies are available to obtain that information, and (c) how that information can be conveyed to the information users.

AWI (Architectural Woodwork Institute)

Office: 46179 Westlake Drive, Ste 120
Potomac Falls, VA 20165

Contact: *Ashley Goodin*

E-mail: agoodin@awinet.org

BSR/AWI-AWIS1-201x, Architectural Woodwork and Interiors Standards (new standard)

Stakeholders: Architectural millwork and component manufacturers, architects, specifiers, design professionals, conformance assessment programs, building owners, and end users of encompassed products.

Project Need: To provide for consistent communication, specification, conformance assessment, quality, and performance measures for the architectural woodwork and interiors industry.

The standard will provide for aesthetic and performance measures for architectural millwork and associated products and services. The complete scope of the standard will encompass areas of general millwork; surfacing for walls, ceilings and partitions; casework including cabinetry, modular casework, and laboratory casework; countertops including those of wood products, stone, or synthetic materials; and related components such as acrylic panels, integrated door systems, and other associated components. The installation, seismic installation, and finishing of these products is also included.

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 15-1-201x, Standard for Production Testing of Pressure Regulators (new standard)

Stakeholders: Manufacturers, specifiers, inspectors, and users of pressure regulators.

Project Need: To provide minimum guidelines for production testing of pressure regulators.

This standard provides guidelines for documenting minimum production tests and determining pass/fail criteria for pressure regulators undergoing production tests in a manufacturing facility. It applies to most designs including self- and pilot-operated pressure-reducing regulators, differential pressure regulators, pressure-loaded regulators, and regulators with or without internal relief valves.

BSR/FCI 79-1-201x, Standard for Proof of Pressure Rating of Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1 -2009)

Stakeholders: Manufacturers of pressure and temperature regulators.

Project Need: Provides recommended proof testing of pressure and temperature regulators.

The purpose of this standard is to create common guidelines for establishing pressure ratings for use by manufacturers, users, specifiers, and approval bodies in order to provide consistent pressure containment integrity.

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

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Mokena, IL 60448

Contact: *Conrad Jahrling*

Fax: (708) 479-6139

E-mail: conrad.jahrling@asse-plumbing.org

* BSR/ASSE 1014-201x, Performance Requirements for Backflow Prevention Devices for Hand-Held Shower (new standard)

Stakeholders: Plumbing industry.

Project Need: Revise technical content to reflect current practice and public need.

These devices provide backflow protection against backsiphonage and backpressure in hand-held showers. These are separate devices or are integral with wall-mounted or deck-mounted tub fillers, flexible hoses, or components that are attached to shower arms.

BSR/ASSE 1020-201x, Performance Requirements for Pressure Vacuum Breaker Assembly (new standard)

Stakeholders: Plumbing industry.

Project Need: Review technical intent of the standard to reflect public and industry needs.

Assembly is comprised of an independently acting check valve force-loaded to the closed position, and an independently acting air inlet valve located downstream of the check valve that is force-loaded to the open position. Meant for backsiphonage only, not for backpressure applications.

BSR/ASSE 1024-201x, Performance Requirements for Dual Check Backflow Preventers (new standard)

Stakeholders: Plumbing industry.

Project Need: Review technical intent of the standard to reflect public and industry needs.

The device consists of two independently acting check valves, internally force-loaded to a normally closed position. Designed for use under intermittent or continuous pressure conditions.

* BSR/ASSE 1069-201x, Performance Requirements for Automatic Temperature Control Mixing Valves (new standard)

Stakeholders: Plumbing industry.

Project Need: Review technical intent of the standard to reflect public and industry needs.

Devices are designed to supply only tempered water to the end user, and automatically compensate for pressure and/or temperature variations in water distribution systems.

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

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

Contact: *Rachel Porter*

Fax: 202-638-4922

E-mail: comments@itic.org

INCITS 544-201x, Information technology - Fibre Channel Single-Byte Command Code Sets-6 - Mapping Protocol (new standard)

Stakeholders: The proposed standard will provide an upward growth path that complements and enhances existing supplier products and support schemes.

Project Need: The existing FC-SB-5 protocol supports link-control, command-mode and transport-mode operations.

This project proposal recommends the development of a set of technical additions and clarifications to INCITS 485-2014, Fibre Channel - Single-Byte Command Code Sets - 5 Mapping Protocol (FC-SB-5) to define enhancements to the transport mode controls to expand the capabilities and increase the efficiency of transport-mode operations.

NENA (National Emergency Number Association)

Office: 1700 Diagonal Road
Suite 500
Alexandria, VA 22314

Contact: *Roger Hixson*

E-mail: rhixson@nena.org

BSR/NENA-STA-023.1-201X, NG9-1-1 PSAP Standards (new standard)

Stakeholders: 911 Authorities, administrators, PSAP managers, vendors, 911 core services network operators, PSAP network operators, 911 functional element vendors and operators.

Project Need: Provide a standard for NG9-1-1 PSAP functionality and interfaces to ensure interoperability for and among NG9-1-1 Core Services, PSAPs, and other Agencies.

In order to achieve interoperability between vendor implementations of systems and services utilized by PSAPs and other Agencies, a standard is to be developed that clearly defines the required functionality and interfaces. There are three main areas where standard specifications are needed: (1) NG Core Services interfaces as they relate to the Agency perspective to ensure interoperability, (2) interfaces between systems and services used internally by an Agency, and (3) interfaces to systems and services that provide communication to outside entities. To participate in this development work, contact Michael Smith at msmith@dss-corp.com.

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

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Donna Haders*

Fax: (440) 892-1404

E-mail: djh@wherryassoc.com

BSR B74.10-201x, Specification for Grading of Abrasive Microgrits (revision of ANSI B74.10-2010)

Stakeholders: Producers, consumers, general interest.

Project Need: Editorial and substantive changes to make this standard current.

Sets forth microgrit size designations and size limits, as well as the test procedure that is used by the industry in classifying abrasive microgrits by their size.

UL (Underwriters Laboratories, Inc.)

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Research Triangle Park, NC 27709-3995

Contact: *Casey Granata*

E-mail: Casey.Granata@UL.Com

BSR/UL 2395-201X, Standard for Safety for Adhesives for Use in Heating and Cooling Appliances to Secure Thermal Insulation Materials (new standard)

Stakeholders: Adhesive manufacturers and heating and cooling appliance installers.

Project Need: Seeking ANSI approval for a new standard, UL 2395.

UL 2395 covers the test methods used to determine the adhesion qualities of, and the risk of fire associated with, adhesives used in heating and cooling appliances to secure insulation.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
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APCO
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API
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ASHRAE
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FCI
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IAPMO (ASSE Chapter)
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18927 Hickory Creek Dr Suite 220
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IEEE (ASC C63)
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NECA
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NEMA (ASC C78)
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Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.uama.org

UL
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1054
Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

929 W. Portobello Avenue
Mesa, AZ 85210
Phone: (613) 799-5745
Web: www.vita.com

WMMA (ASC O1)
Wood Machinery Manufacturers of America

9 Newport Drive
Suite 200
Forest Hill, MD 21050
Phone: (443) 640-1052
Fax: (443) 640-1031
Web: www.wmma.org

Newly Published ISO & IEC Standards

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 18835:2015, Inhalational anaesthesia systems - Draw-over anaesthetic systems, $149.00

GAS CYLINDERS (TC 58)

ISO 21172-1:2015, Gas cylinders - Welded steel pressure drums up to 3 000 litres capacity for the transport of gases - Design and construction - Part 1: Capacities up to 1 000 litres, $200.00

GEOSYNTHETICS (TC 221)

ISO 10318-1:2015, Geosynthetics - Part 1: Terms and definitions, $51.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7001/Amd2:2015, Graphical symbols - Public information symbols - Amendment 2, $22.00

LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

ISO 25745-2:2015, Energy performance of lifts, escalators and moving walks - Part 2: Energy calculation and classification for lifts (elevators), $123.00

ISO 25745-3:2015, Energy performance of lifts, escalators and moving walks - Part 3: Energy calculation and classification of escalators and moving walks, $123.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO 10790:2015, Measurement of fluid flow in closed conduits - Guidance to the selection, installation and use of Coriolis flowmeters (mass flow, density and volume flow measurements), $200.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 10816-6/Amd1:2015, Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 6: Reciprocating machines with power ratings above 100 kW - Amendment 1, $22.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8600-2:2015, Endoscopes - Medical endoscopes and endotherapy devices - Part 2: Particular requirements for rigid bronchoscopes, $123.00

PAPER, BOARD AND PULPS (TC 6)

ISO 699:2015, Pulps - Determination of alkali resistance, $51.00

ISO 3260:2015, Pulps - Determination of chlorine consumption (Degree of delignification), $51.00

PLASTICS (TC 61)

ISO 16620-1:2015, Plastics - Biobased content - Part 1: General principles, $88.00

ISO 16620-2:2015, Plastics - Biobased content - Part 2: Determination of biobased carbon content, $149.00

ISO 16620-3:2015, Plastics - Biobased content - Part 3: Determination of biobased synthetic polymer content, $88.00

POWDER METALLURGY (TC 119)

ISO 14317:2015, Sintered metal materials excluding hardmetals - Determination of compressive yield strength, $51.00

PUMPS (TC 115)

ISO/ASME 14414:2015, Pump system energy assessment, $240.00

ROAD VEHICLES (TC 22)

ISO 10924-3:2015, Road vehicles - Circuit breakers - Part 3: Miniature circuit breakers with tabs (Blade type), Form CB11, $88.00

ISO 27145-6:2015, Road vehicles - Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements - Part 6: External test equipment, $173.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 15016:2015, Ships and marine technology - Guidelines for the assessment of speed and power performance by analysis of speed trial data, $265.00

TEXTILES (TC 38)

ISO 18066:2015, Textiles - Manmade filament yarns - Determination of shrinkage in boiling water, $88.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 11783-7:2015, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 7: Implement messages application layer, $265.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 11040-4:2015, Prefilled syringes - Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling, $240.00

ISO 11040-7:2015, Prefilled syringes - Part 7: Packaging systems for sterilized subassembled syringes ready for filling, $173.00

WATER QUALITY (TC 147)

ISO 9697:2015, Water quality - Gross beta activity in non-saline water - Test method using thick source, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-5/Amd33:2015, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 3: Reference software for MVC plus depth extension of AVC, $22.00

ISO/IEC 21000-8/Amd3:2015, Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software - Amendment 3: Contract Expression Language (CEL) and Media Contract Ontology (MCO) Reference Software, $173.00

ISO/IEC 14496-12/Amd3:2015, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 3: Font streams and other improvements to file format, $22.00

ISO/IEC 15444-12/Amd3:2015, Information technology - JPEG 2000 image coding system - Part 12: ISO base media file format - Amendment 3: Font streams and other improvements to file format, $22.00

ISO/IEC 15414:2015, Information technology - Open distributed processing - Reference model - Enterprise language, $200.00

ISO/IEC 23001-7:2015, Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files, $123.00

ISO/IEC 14496-29:2015, Information technology - Coding of audio-visual objects - Part 29: Web video coding, $265.00

ISO/IEC 23008-11:2015, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG Media Transport Composition Information, $173.00

ISO/IEC TS 38501:2015, Information technology - Governance of IT - Implementation guide, $123.00

IEC Standards

OTHER

CISPR 32 Ed. 2.0 b:2015, Electromagnetic compatibility of multimedia equipment - Emission requirements, $363.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

PINS Correction

Project Change

VMEbus International Trade Association (VITA)

VMEbus International Trade Association (VITA) has changed the project designation and title on a PINS notice that was announced in Standards Action November 29, 2013. The change is from VITA 49.2, Spectrum Exciter and Control Packets changing to VITA 49a, Spectrum Survey Interoperability Specification.

Public Review

2018 National Fuel Gas Code Revision Cycle Kicks Off

Public Input Deadline: July 6, 2015

The Accredited Standards Committee (ASC) Z223 and the NFPA 54 Technical Committee on the National Fuel Gas Code announce the kickoff of the revision cycle that will lead to the 2018 National Fuel Gas Code, ANSI Z223.1/NFPA 54. Anyone seeking to revise the 2015 code is encouraged to submit public input by the July 6th deadline. All public input will be reviewed by the joint ASC Z223/NFPA 54 committee in their development of the 2018 first public review draft. Both committees will utilize the NFPA online public input and comment system. Please visit http://www.nfpa.org/submitpipc for more information on how to submit public Input. For more information on the National Fuel Gas Code, contact Paul Cabot, Secretary, at pcabot@aga.org or Laura Montville, NFPA Staff, at lmontville@nfpa.org.

ANSI Accredited Standards Developers

Approvals of Reaccreditations

ASC Z87 – Safety Standards for Eye Protection

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee Z87, Safety Standards for Eye Protection, has been approved under its recently revised operating procedures for documenting consensus on ASC Z87-sponsored American National Standards, effective April 6, 2015. For additional information, please contact the Secretariat of ASC Z87: Ms. Cristine Fargo, Director, Member & Technical Services, International Safety Equipment Association, 1901 N. Moore Street, Suite 808, Arlington, VA 22209; phone: 703.525.1695; e-mail: cfargo@safetyequipment.org.

Association for the Advancement of Medical Instrumentation (AAMI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Association for the Advancement of Medical Instrumentation (AAMI), an ANSI organizational member, has been approved under its recently revised operating procedures for documenting consensus on AAMI-sponsored American National Standards, effective April 6, 2015. For additional information, please contact: Ms. Jennifer Moyer, Director, Standards, AAMI, 4301 N. Fairfax Drive, Suite 301, Arlington, VA 23013-1633; phone: 703.525.4890, ext. 1250; e-mail: jmoyer@aami.org.

Home Innovation Research Labs

ANSI's Executive Standards Council has approved the reaccreditation of Home Innovation Research Labs, an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on Home Innovation-sponsored American National Standards, effective April 8, 2015. For additional information, please contact: Mr. Thomas Kenney, Vice-President, Engineering & Research, Home Innovation Research Labs, 400 Prince George's Boulevard, Upper Marlboro, MD 20774; phone: 301.430.6246; e-mail: tkenney@homeinnovation.com.

International Light Transportation Vehicle Association (ILTVA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the International Light Transportation Vehicle Association (ILTVA), an ANSI organizational member, has been approved under its recently revised operating procedures for documenting consensus on ILTVA-sponsored American National Standards, effective April 8, 2015. For additional information, please contact: Mr. Fred Somers, General Counsel/Secretary, International Light Transportation Vehicle Association, 2 Ravinia Drive, Suite 1200, Atlanta, GA 30346-2112; phone: 770.394.7200; e-mail: fsomers@somerslawfirm.org.

Reaccreditations

American Society for Quality (ASQ)

Comment Deadline: May 11, 2015

The American Society for Quality (ASQ), an ANSI organizational member, has submitted to ANSI revisions to its accredited procedures for documenting consensus on ASQ-sponsored American National Standards, under which it was last reaccredited in 2012. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copies of the revised procedures or to offer comments, please contact: Ms. Julie Sharp, CQIA, Standards Development Administrator, American Society for Quality, 600 N. Plankinton Road, Milwaukee, WI 53201; phone: 800.248.1946; e-mail: Standards@asq.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to ASQ by May 11, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Building Performance Institute (BPI)

Comment Deadline: May 11, 2015

The Building Performance Institute (BPI), an ANSI organizational member, has submitted to ANSI revisions to its accredited procedures for documenting consensus on BPI-sponsored American National Standards, under which it was last reaccredited in March 2015. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copies of the revised procedures or to offer comments, please contact: Ms. Susan Carson, Manager of Standards, Building Performance Institute, 107 Hermes Road, Suite 110, Malta, NY 12020; phone: 518.899.2727; e-mail: scarson@bpi.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to BPI by May 11, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

International Organization for Standardization (ISO)

Call for US/TAG Participants

ISO/TC 291 – Domestic Gas Cooking Appliances

A new ISO Technical Committee, ISO/TC 291 - Domestic Gas Cooking Appliances, has been formed. The Secretariat has been allocated to DIN (Germany), and Underwriters Laboratories (UL) will serve as the US Technical Advisory Group (US/TAG) Administrator.

The scope of ISO/TC 291 is as follows:

> Standardization in the field of Domestic Gas Cooking Appliances, considering a whole appliance: terminology, classification, constructional and performance characteristics, test methods and marking. Excluded from this scope are cookstoves covered by the standards being developed in ISO/TC 285.

ANSI is currently a participating member of TC 291, Domestic Gas Cooking, and is in the process of organizing the US Technical Advisory Group (US/TAG). Anyone interested in joining the US TAG is invited to contact Nicolette Allen, US/TAG Secretary at Nicolette.Allen@ul.com.

New Field of ISO Technology

Waste Management, Recycling and Road Operation Service

Comment Deadline: April 17, 2015

DIN (Germany) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Waste Management, Recycling and Road Operation Service, with the following scope statement:

> Standardization of equipment for waste management, recycling, public cleaning and road operation. Taking into particular account technical and logistical aspects. Drafting of International Standards for products and procedures as well as safety requirements for the collection, transport, storage and transfer of solid and liquid waste.
>
> Sludge recovery, treatment and disposal and also water re-use are not covered by the scope of this ISO/TC, but are handled e.g. in ISO/TC 275 and ISO/TC 282.
>
> Exclusion: General environmental management (e.g., ISO 14000) and road traffic safety management systems aspects (e.g., ISO 39001), are to be handled by ISO/TC 207 and ISO/TC 241.

Anyone wishing to review this new proposal can request a copy 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, April 17, 2015.

International Electrotechnical Commission (IEC)

Looking for USNC TAG Members

USNC Technical Advisory Group (TAG) for IEC/SC 22E, Stabilized Power Supplies

After a period of Non-Member status for the USNC on IEC/SC 22E, several stakeholders expressed interest in establishing a USNC TAG and having the USNC become a Participating Member of the SC. Underwriters Laboratories (UL) has just been approved as TAG Administrator for IEC/SC 22E and is in the process of organizing the Technical Advisory Group (TAG) for the USNC.

> **Title:** US TAG for IEC/SC 22E, Stabilized Power Supplies
>
> **Scope:**
>
> To prepare international standards for low voltage bi-directional grid connected power converters (GCPC), DC. To AC power converters and stabilized DC switched-mode power supplies.
>
> This includes: specifications and performance and specific vocabulary, EMC, safety and system aspects (e.g., interaction with smart low-voltage electrical installations).
>
> The scope relates to power electronic converters handling various different types of power sources and/or loads. Power electronic converters for special applications (e.g., power drives, uninterruptible power systems, photovoltaic systems) are covered by the relevant TC/SCs.

Anyone interested in joining the USNC TAG for IEC/SC 22E, Stabilized Power Supplies, is invited to contact, Kevin Ravo at Kevin.L.Ravo@ul.com.

Meeting Notice

ASC Z133, Arboricultural Operations – Safety Requirements

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations —Safety Requirements) will take place on April 22, 2015, at The Westin Baltimore Washington–BWI in Linthicum, Maryland. For more information, contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone (+1 217.355.9411, ext. 259) or by e-mailing jhuber@isa-arbor.com.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 10/SC 1 – Basic conventions

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 10/SC 1 (Basic conventions). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 10/SC 1 to ASME. ASME has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.

ISO/TC 10/SC 1 operates under the following scope:

> *Standardization and coordination of technical product documentation (TPD), including technical drawings, manually produced or computer based for technical purposes throughout the product life cycle, to facilitate preparation, management, storage, retrieval, reproduction, exchange and use.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 10/SC 1. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 10/SC 1 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

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

API 1173 Pipeline Safety Management Systems (Proposed)

Changes As a Result of Ballot Comments (Strikethough = propose removal; Yellow Highlights – proposed addition}

Introduction – Safety Management Systems

While process-related incidents are relatively infrequent ~~but~~ they can lead to serious consequences.

Introduction – Plan-Do-Check-Act

The PDCA principle is at the core of many management systems, and its principal aim is to encourage creating strategies and plans, executing those strategies and plans in line with guidelines, checking those actions for ~~quality~~ conformity, and using those results to adjust the next generation of plans.

Introduction – Plan-Do-Check-Act

Reflecting the cyclical nature of PDCA and the dynamic/evolutionary nature of the PSMS, the entire process begins again from the start. ~~Each pass through these four steps results in opportunities to improve. In addition, the manner in which PDCA is applied to specific elements may be refined to plan and improve subsequent iterations of the cycle based on the result of previous applications.~~

Introduction- Goal of This Document…

Operators should seek to mature their PSMS consistent with continuous improvement. Regardless of an operator's starting point relative to existing systems or processes, the iterative or cyclic nature of the approach described provides the opportunity for continuous improvement.

With this RP, operators are provided a framework to manage and reduce risk and ~~enable~~ promote continuous improvement in pipeline safety performance.

Scope

This recommended practice (RP) establishes a ~~framework of~~ pipeline safety management systems (PSMS) framework for organizations that operate hazardous liquids and gas pipelines jurisdictional to the US Department of Transportation. Operators of other pipelines may find this document applicable useful in operating to their systems.

Definitions

3.1.9
document [*noun*]
As used in this recommended practice, ~~states requirements or completion of requirements and work.~~ written statement of requirements or record of actions taken and completion of requirements.

3.1.15
hazardous liquids
Petroleum, petroleum products, highly volatile liquids, carbon dioxide, or anhydrous ammonia.

3.1.18
leadership
As used in the RP, ~~the act of~~ leadership is establishing clear vision translated into policies and objectives; sharing them with others so they will follow willingly; providing information, knowledge, and methods to realize the objectives; and coordinating and balancing competing interests of all stakeholders. Leadership is also used collectively to refer to those persons, at any level in the organization, who provide these functions.

3.1.XX [added new definition]
maturity
a point at which the safety management system has become embedded into the processes of an organization and planned activities are completed and planned results achieved regularly, without gaps.

3.1.24
non-punitive reporting
Acting to encourage employees and contractor personnel to report noncompliance with regulations, non-conformance with procedures and human errors without fear of punishment or disciplinary action, ~~and~~ only punishing a person when he/she acts in a reckless manner; demonstrates a pattern of carelessness or noncompliance; or puts ~~s~~ oneself ~~themselves~~, their co-workers, the public, or the pipeline at risk by intentionally violating essential safety rules

3.1.30
pipeline safety
Protection of the public, employees and pipeline against the consequences of physical failure, human error, organizational failure, damage, or other undesirable events.

~~**3.1.38 [removed definition]**~~
~~**risk management plan**~~
~~Document that describes the objectives and associated activities that the pipeline owner or operator intends to execute in order to manage risk.~~

Section 4 – Essential Pipeline Safety Managementt Systems Elements
The essential elements for this RP ~~shall~~ include the following:

5.4.2d Management
ensure that risk management occurs routinely ~~revealing risk,~~ by establishing intentional actions designed to assure compliance, and reveal and manage risk;

5.6 Making Communications, Risk Reduction and Continuous Improvement Routine
Top management shall ensure routine processes are in place to foster deliberate communication, risk reduction and continuous improvement. Processes shall provide a means to ~~alert~~ identify when scheduled management system requirements become due and notify management, and top management ~~o~~if appropriate, if not completed.

5.6e Making Communications, Risk Reduction and Continuous Improvement Routine
Incentives—Top management shall review how incentives encourage safety and conformance with the PSMS, and make adjustments in the incentive plan that are expected to make it more effective.

5.6g Making Communications, Risk Reduction and Continuous Improvement Routine
Pipeline ~~A~~asset ~~I~~integrity ~~M~~management shall be updated by ~~management and~~ integrity management subject matter experts on known threats, assessment and repair effectiveness, and adequacy of the plan(s).

6.3 Stakeholder Engagement – External
To the extent possible, the pipeline operator shall identify personnel who are available to the public to ~~receive and~~ exchange information regarding pipeline safety matters, particularly where stakeholders can provide the operator with information about changing risk in the physical environment surrounding the pipeline.

7.6 Risk Management Review

Risk management results, including selected risk mitigation methods and their intended effectiveness shall be reviewed, at least annually, with top management~~, including selected risk mitigation methods and their intended effectiveness~~.

8.1 Operating Procedures

Pipeline operating personnel shall follow written procedures. In cases where an employee believes that following a procedure will cause an unsafe condition, he/she shall have authority to stop work and seek ~~get~~ permission to deviate. Deviations should be documented for future analysis. Pipeline operating personnel shall ~~be accountable~~ have responsibility and authority to raise concerns through designated processes.

9.1.2 Investigation

The investigation of an incident or near-miss shall include the following

10.1 Safety Assurance – General

The operator should evaluate the application of its PSMS and determine whether expected progress toward effective risk management and improved pipeline safety performance are being achieved. The pipeline operator shall demonstrate the proper application of its PSMS and continually improving risk management and pipeline safety performance.

10.2.2 Audits

The audits shall ~~verify~~ determine whether the pipeline operator's PSMS is implemented, maintained, and conforms to this RP.

The operator shall assure that ~~all~~ each of the elements of the PSMS ~~are~~ is audited at least once every three years.

10.2.5 Evaluation of PSMS Maturity

The pipeline operator shall ~~consider~~ engage in benchmarking with other operators and ~~review and evaluation of~~ publically available information when evaluating the maturity of its PSMS.

15.1 Executing a PSMS Strengthens Safety Culture – General

Implementing PSMS elements strengthens an organization’s safety culture. ~~The ongoing practice of prioritizing~~ Establishing safety as a core value strengthens the overall organization’s belief in its importance ~~value~~, acting as a unifying force to improve safety performance.

BSR/UL 746C, *Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations*

Topic 1. Deletion of the Twin Carbon Arc Equipment for UV Testing

PROPOSAL

25.2 Table 25.1 summarizes the minimum property retention limitations after UV conditioning for base samples of the material and any colors under consideration. The flammability classification of the material shall not be reduced as a result of ~~720 hours of twin enclosed carbon-arc (ASTM G151 and G153) or~~ 1000 hours of xenon-arc (ASTM G151 and G155), weatherometer conditioning. The average physical property values after UV conditioning shall not be less than 70 percent of the unconditioned value when the standardized small-scale physical tests indicated in Table 25.1 are performed.

Exception No. 1: Where it is not practical to conduct the Tensile, Izod, or Charpy impact test using the standard specimens, the procedure of 57.2.7 - 57.2.11 and the impact equipment of Figures 57.1 and 57.2 may be used on representative sections of the equipment's enclosure.

Exception No. 2: If the impact value for a material that has been tested in accordance with the requirements in this section has exhibited less than 70 percent retention but at least 25 percent retention of the impact property, it is considered acceptable provided that all of the following results are obtained:

a) An unconditioned plaque specimen in the thinnest part thickness complies with the resistance to impact requirement levels shown in Table 25.2, and

b) The standard specimens exposed to the ~~720 hour twin enclosed carbon-arc or~~ 1000 hour xenon-arc UV conditioning have retained at least 80 percent of the ~~360 hour twin enclosed carbon-arc or~~ 500 hour xenon-arc UV conditioning impact level. As an alternative, this UV conditioning may be conducted for a longer period of time in ~~360 hour (carbon-arc) or~~ 500 hour ~~(xenon-arc)~~ increments providing the final exposure impact level is not less than 80 percent of the previous increment's impact level.

Table 25.1

Minimum property retention limitations after ultraviolet light and water immersion conditioning

Property	Ultra-violet light[a]	Water immersion[b]
Flammability Classification	Unchanged	Unchanged
Tensile or Flexural Strength[c]	70 Percent	50 Percent

Tensile, Izod or Charpy Impact[c]	70 Percent	50 Percent
[a] ~~720 hours twin enclosed carbon-arc or~~ 1000 hours xenon-arc exposure. See 57.1.1 - 57.2.11.		
[b] 7 days at 70°C. See 58.1.		
[c] For functional support, the test methods are tensile strength and flexural strength. For Impact Resistance the test methods are Tensile, Izod, or Charpy impact. See Table 57.1.		

Table 25.2

Unconditioned ball-impact requirements for equipment exposed to UV radiation[a]

Percent retention of property after UV conditioning[b]	Impact level for ball-impact test on unconditioned specimens foot-pounds (joules)
70 or more	5.0 (6.8)
50 - 69	10.0 (13.6)
25 - 49	20.0 (27.2)
Less than 25	Not acceptable
[a] For other than easily moved hand held and counter supported equipment.	
[b] ~~720 hours twin enclosed carbon-arc or~~ 1000 hours xenon-arc exposure or after the final exposure if longer exposures are conducted as described in 25.2.	

57 Ultraviolet Light Exposure Test

57.1 Apparatus

57.1.1 Using standard test procedures, property values for the material are to be determined both before and after the conditioning described below. Specimens are to be exposed to ultraviolet light and water spray by using ~~either of~~ the following apparatus:

~~a)~~ Xenon-arc lamp in accordance with the Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices That Use Laboratory Light Sources, ASTM G151, and the Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G155. The spectral power distribution of the xenon lamp shall conform to the requirement in Table 1 in ASTM G155 for a xenon lamp with daylight filters. A programmed cycle of 120 minutes consisting of a 102-minute light exposure and an 18-minute exposure to water spray with light shall be used. The apparatus shall operate with a spectral irradiance of 0.35 W/m^2 nm at 340 nm and a black-panel temperature of 63 ±3°C (145.4 ±5.4°F).

~~b) Twin enclosed carbon-arc lamp in accordance with the Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices That Use Laboratory Light Sources, ASTM G151, and the Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G153. The spectral power distribution of the enclosed carbon-arc shall conform to the requirements in ASTM G153 for enclosed carbon-arc lamp with borosilicate glass globes. A programmed cycle of 20 minutes consisting of a 17-minute light exposure and a 3-minute exposure to water spray with light shall be used. The apparatus shall operate with a black-panel temperature of 63 ±3°C (145 ±5°F),~~

Exception: Indoor enclosures that are subjected to UV radiation sources (such as, high intensity discharge lamps), may be conditioned without exposure to water.

57.2 Method

57.2.1 The specimens as indicated in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A, and the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, are to be mounted vertically on the inside of the cylinder in the ~~ultraviolet~~ xenon-arc light apparatus, with the width of the specimens facing the xenon light source ~~arcs~~ and so that they do not touch each other.

Exception No. 1: For flexural strength specimens the ultraviolet-exposed side is to be in contact with the two points when using the three-point loading method.

Exception No. 2: Izod impact specimens are to be notched prior to UV conditioning with the direction of UV exposure towards the notch.

57.2.2 Two sets of specimens are to be exposed. ~~For twin enclosed carbon-arc, one set is to be exposed for a total of 360 hours and the second set for a total of 720 hours. For xenon-arc,~~ oOne set is to be exposed for a total of 500 hours and the second set for a total of 1000 hours. After the test exposure, the specimens are to be removed from the test apparatus, examined for signs of deterioration such as crazing or cracking, and retained under conditions of ambient room temperature and atmospheric pressure for not less than 16 hours, nor more than 30 days, before being subjected to flammability and physical tests. As a part of the test program, specimens that have not been exposed to ultraviolet light and water are to be subjected to flammability and physical tests and the results obtained are compared against the specimens that have undergone exposure.

BSR/UL 127, Standard for Safety for Factory-Built Fireplaces

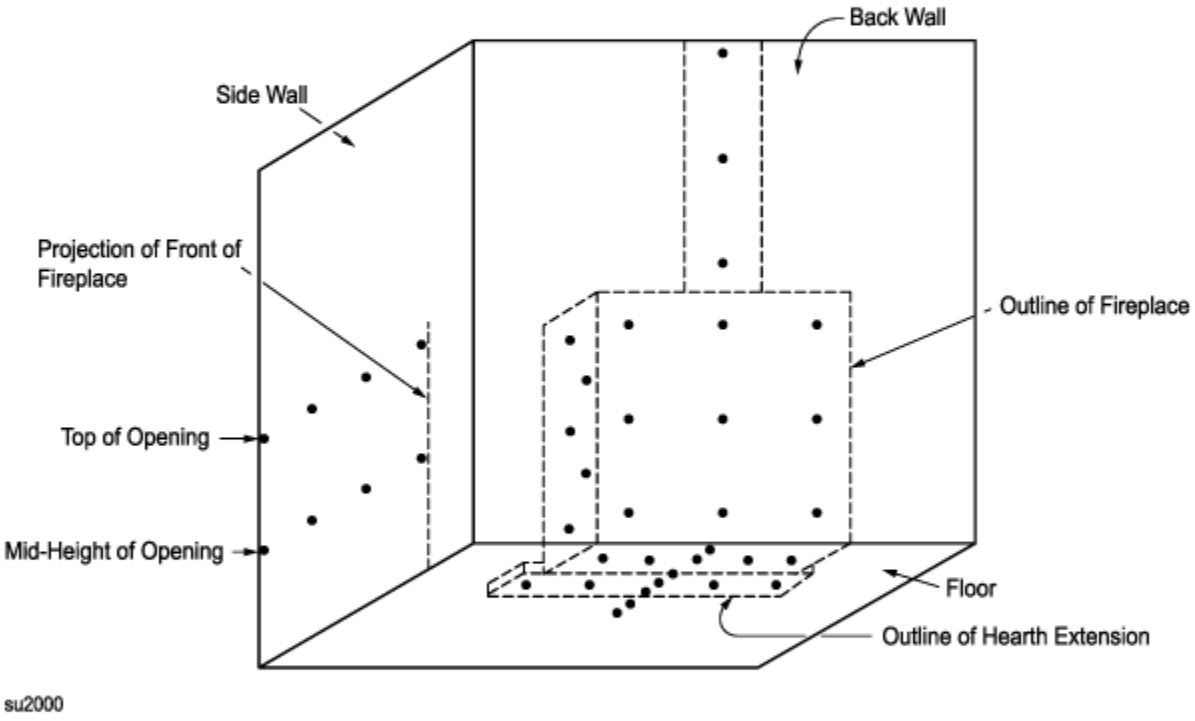
1. Floor temperatures beyond the hearth extension

PROPOSAL

REVISED FIGURE

Figure 10.3

Typical thermocouple locations (·) Back, side, and floor at fireplace (Zone A)



10.27 Thermocouples are to be attached to the plywood flooring under the fireplace, ~~and~~ placed between the hearth extension material and the plywood flooring and on the plywood floor beyond the hearth extension. The two front center thermocouples under

the hearth extension shown in Figure 10.3 are to be placed 1/2 inch (12.7 mm) and 1-1/2 inches (38.1 mm), respectively, from the front edge of the hearth extension. The front edge of the hearth extension is the exposed front away from the face of the fireplace, and not the edge that abuts the front of the fireplace surround. Two floor mounted thermocouples are to be placed beyond the center front edge of the hearth extension 3 inches (76.2 mm) and 6 inches (152.4 mm) respectively. See Figure 10.3.

BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Motorized Products Employing 20 AWG SPT-2W

PROPOSAL

Table 6.1

Wire types and overcurrent protection ratings for series-connected seasonal lighting products

	Non-polarized fittings		Polarized fittings	
	With load fitting	**Without load fitting**	**With load fitting**	**Without load fitting**
Minimum wire size, AWG (mm^2)	22 (0.32)[a]	22 (0.32)[a]	20 (0.52)[a]	22 (0.32)[a]
Wire type	CXTW, XTW[a]	CXTW, XTW[a]	CXTW, XTW[a]	CXTW, XTW[a]
Minimum wire temperature	105°C	105°C	105°C	105°C
Maximum current rating, Amperes	0.6	0.6	0.6	1.8
Total maximum wattage of strings allowed to be connected together, end-to-end	216 Watts	-	432 Watts	-
Fuse rating, Amperes	3	3	5	3
Fuse location	Grounded and ungrounded conductor	Grounded and ungrounded conductor	Ungrounded conductor (hot)	Ungrounded conductor (hot)
On/Off switch and type (if located in other than a Class 2 circuit)	Double-pole in both conductors	Double-pole in both conductors	Single-pole ungrounded conductor (hot)	Single-pole ungrounded conductor (hot)
See Figure	7.4, 7.6, 7.15	7.3, 7.7, 7.13	7.6, 7.10, 7.16	7.5, 7.9, 7.14

[a] A motorized product shall employ minimum ~~18~~ 20 AWG Type SPT-2 wire for the supply connections. See Figures 7.11 - 7.16.

Table 6.2

Wire types and overcurrent protection ratings for parallel-connected seasonal lighting products

	With load fitting		Without load fitting	
Minimum wire size, AWG (mm^2)	20 (0.52)[a]	18 (0.82)[b]	20 (0.52)[a]	18 (0.82)[b]
Wire type	XTW	SPT-1, SP-2, SPT-2, S, ST, SE, SO, SOO, SJ, SJT, SJE, SJO, SJOO	XTW	SPT-1, SP-2, SPT-2, S, ST, SE, SO, SOO, SJ, SJT, SJE, SJO, SJOO
Minimum wire temperature	105°C		105°C	
Maximum current rating, Amperes	1.75[c]		3.5[c]	
Fuse rating, Amperes	5		5	
Fuse location	Ungrounded conductor (hot)		Ungrounded conductor (hot)	
On/Off switch and type (if located in other than a Class 2 circuit)	Single-pole ungrounded conductor (hot)		Single-pole ungrounded conductor (hot)	
See Figure	7.2, 7.12		7.1, 7.11	

[a] A motorized product shall employ minimum ~~18~~ 20 AWG Type SPT-2 wire for the supply connections. (See Figures 7.11 - 7.16).

[b] The wire Type for products intended for outdoor use shall be SPT-1W, SP-2W, SPT-2W, STW, SEW, SOW, SOOW, SJTW, SJEW, SJOW, or SJOOW.

[c] A motorized product employing minimum 16 AWG wire is permitted to have a maximum current rating of 8 A.

13.2.7 The power-supply cord of a motorized product shall be minimum ~~18~~ 20 AWG (~~0.82~~ 0.52 mm^2), Type SPT-2, SJ, SJT, SJE, SJO, SJOO, S, ST, SE, SO, SOO, or S cord.

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

1. Revised Moist Ammonia Air Stress Cracking Test

6.10 A part made of drawn brass or machined from brass rod incorporating internal threads made of copper alloy containing more than 15 percent zinc shall be capable of withstanding, without cracking, the ~~10-Day~~ Moist Ammonia Air Stress Cracking Test, Section 19.

Table 8.1
Maximum number of test samples required

Section	Test	Samples
9	Deformation Test	3 samples of an adapter that contains female pipe threaded section 3 samples of adapter with straight threads, as appropriate
10	Operation Test	3 complete samples ("complete" means incorporating both parts, cylinder and appliance portions) The samples from the Deformation Test can be used, as appropriate.
11	Positive Seal and External Leakage Test	Use same 3 as above
12	Seat Leakage Test	Use same 3 as above
13	Abuse Test (See 7.2 for applicability)	Use same 3 as above
14	Load Test (See 6.2, Exception No. 2 for applicability)	3 complete samples not subjected to any previous tests
15	Endurance Test	1 sample from first three tests
16	Bending Test	3 complete samples not subjected to any previous tests
17	Temperature Activated Shutoff Test	3 complete samples not subjected to any previous tests
18	Hydrostatic Pressure Strength Test	Use 2 samples from first four tests, and 1 sample from Endurance Test
19	~~10-Day~~ Moist Ammonia Air Stress Cracking Test	3 samples of each brass part containing internal threads with mating pieces
20	Accelerated Aging Test	3 samples of each nonmetallic component
21	LP-Gas Compatibility Test	9 samples of each nonmetallic component
22	Low Temperature Test	3 samples of each elastomeric material, 3 samples of the complete coupling, not subjected to any previous tests
23	Exposure to Ultraviolet	Type and number of specimens are in accordance with the

	Light	Standard for Polymeric Material - Short Term Property Evaluations - UL 746A
24	Flow Limiting Test	3 samples of appliance portion not subjected to previous tests
25	Flow Limiting Device Endurance Test	1 sample from 3 above
26	Fire Test	4 complete samples - not subjected to previous tests
27	Elevated Temperature Load Test	3 complete samples not subjected to previous tests
NOTE - Use of the number of samples less than that specified in Sections 10 - 27 shall be agreed upon with the manufacturer. The test sequence shall be maintained.		

19 ~~10 Day~~ Moist Ammonia Air Stress Cracking Test

19.1 ~~After being subjected to the conditions described in 19.2 - 19.4, a brass part containing more than 15 percent zinc shall not show evidence of cracking when examined using 25X magnification.~~ After being subjected to the conditions described in 19.2 - 19.4, a pressure-confining brass part containing more than 15 percent zinc shall show no evidence of cracking, delamination, or degradation.

19.2 ~~Each test sample is to be subjected to the physical stresses imposed on or within a part as the result of assembly with other components. Such stresses are to be applied to the sample prior to and be maintained during the test. Samples with threads intended to be used for installing the product in the field, are to have the threads engaged and tightened to the torque specified in Table 19.1. Teflon tape or pipe compound are not to be used on the threads.~~ One test sample of each size is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. Samples with female tapered pipe threads, intended to be used for installing the product in the field are to have the threads engaged and tightened to the torque specified in Table 19.1 Samples with female threads other than tapered pipe threads shall be torqued as specified by the manufacturer. Polytetrafluoroethylene (PTFE) tape or pipe compound are not to be used on any threads. Samples with male threads are evaluated as received.

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

19.4 ~~Approximately 600 ml of aqueous ammonia having a specific gravity of 0.94 is to be maintained at the bottom of the glass chamber below the samples. The samples are to be positioned 1-1/2 inches (38.1 mm) above the aqueous ammonia solution and supported by an inert tray. The moist ammonia-air mixture in the chamber is to be maintained at atmospheric pressure and at a temperature of 34 ±2°C (93 ±3.5°F).~~ After the exposure period, the samples are to be examined for cracks or other signs of stress corrosion using a microscope having a magnification of 25X. Pressure-confining parts exhibiting degradation as indicated in 19.1 as a result of the test exposure described in 19.2 and 19.3 shall withstand, without rupture, a hydrostatic test pressure of five times the rated pressure of the valve, for 1 minute.

BSR/UL 2200, Standard for Stationary Engine Generators

1. Revision to Paragraph 41.1.3.3 to Add Higher Pressure Flexible Fuel Tubing and Hose Types for Gasoline or Diesel Fuel

PROPOSAL

41.1.3.3 Flexible tubing or hose shall ~~conform~~ comply with the Standard for Fuel and Oil Hose, ANSI/SAE J30, and be Types SAE J30 R6 or SAE J30 R9. Tubing and hose shall not pull off fittings or fail when subjected to a 20 pound-force (89 N) axial pull test applied over a 1 minute period. The test shall be conducted at ambient conditions of 21 ±5°C (70 ±9°F) with tubing or hose wetted with fuel. Hose shall be subjected to 70 hours at 100°C (212°F) aging and 48 hours of 0.125 inch amplitude vibration at 17 Hz before the pull test.

Exception: Flexible tubing or hose for use with higher pressure diesel fuel injected engines shall be of the type indicated in Table 41.0 which have been found to comply with the requirements in the Standard identified .

Table 41.0

Types of Flexible Tubing or Hose

Identification	Standard
"SAE J517 100R1 Type AT"	Standard for Hydraulic Hose, SAE J517
"SAE J1402"	Standard for Automotive Air Brake Hose and Hose Assemblies, SAE J1402
"SAE 100R5-10/J1402"	Standard for Automotive Air Brake Hose and Hose Assemblies, SAE J1402
"SAE 100R1/EN 853-1SN"	Standard for Hydraulic Hose, SAE J517
"DIN 73379"	Standard for Road Vehicles - Fuel Hoses, DIN 73379-1
"ISO 19013-1"	Rubber Hoses and Tubing for Fuel Circuits for Internal Combustion Engines; Specification Part 1: Diesel Fuels,, ISO 19013
"SAE J1597"	Standard for Laboratory Testing of Vehicle and Industrial Heat Exchanges for Pressure Cycle Durability, J1597

BSR/UL 6703, Standard for Safety for Connectors for Use in Photovoltaic Systems

1. Clarification of requirements for single pole connectors used in AC circuits

1.1 This standard covers latching or locking type PV connectors either as a free connector (separate entity) or as a fixed connector (panel or bulkhead type) and rated 1000 V ac or dc or less. These connectors are intended for use in wiring methods detailed in Part IV of Article 690 - Solar Photovoltaic Systems of the National Electrical Code, NFPA 70.

4.8 The configuration of a connector identified and intended for use on dc circuits and those identified and intended for use on ac circuits, shall be designed in such a manner as to prevent interchangeability between different voltages (i.e. ac or dc).

10.2 An ac voltage rating for a ~~multi-pole~~ device that has been evaluated for current interruption (Overload and Resistance to Arcing tests) shall be identified by "AC" or "AC only" and need not be marked according to 11.1(d). Any dc rating shall have the statement in 11.1(d) clearly associated and marked with the dc rating.

11 General

11.2 The polarity on DC voltage PV connectors shall be identified with one of the following marking statements:

a) "+" and "-";

b) "POS" and "NEG"; or

c) "POSITIVE" and "NEGATIVE".

11.3 For an AC voltage - PV connector designated for connection to the identified grounded (white/neutral) circuit conductor shall be identified by a white-colored housing or marking. Devices designated for connection to the identified grounding (green/grounding) circuit conductor shall be identified by a green- or green/yellow-colored housing or marking. When a marking is used, it shall be either die stamped, ink stamped, painted, molded, or otherwise applied in a manner determined to be indelible in accordance with the Standard for Marking and Labeling Systems, UL 969. The required color coding shall be easily visible in the both the mated and unmated condition. It shall also appear on each separated connection device. All other device housings shall be colored other than green or white and readily distinguishable from each other.