ANSI STANDARDS ACTION

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Contents

Owing to a technical error, the ANS Consensus Bodies listings in last week's Standards Action were incorrect. The correct listings appear in this issue and are marked [2/7/14 SA]. We apologize for the error.

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: March 16, 2014

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

Addenda

BSR/ASHRAE/IES Addendum ac to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013)

This 4th public review draft removes the sealing requirements of 5.4.3.1 on all sides of the airspace. It still requires the airspace to be both inside of the Continuous Air Barrier and surrounded by normal building components on the other sides to minimize air movement into and out of the air space. It also adds a reference to determine the emittance of metalized film.

Click here to view these changes in full

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

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

Addenda

BSR/ASHRAE/IES Addendum a to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013)

The revision to the definition of conditioned space in Section 3.2 reflects the reduction in loads due to greater energy efficiency.

Click here to view these changes in full

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

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

Addenda

BSR/ASHRAE/IES Addendum c to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013)

Section 8.4.1 previously separated feeder conductors from branch circuits when limiting voltage drop. By specifying the same combined voltage drop over the combination of components, this proposal reduces first costs in certain projects while remaining neutral on energy costs.

Click here to view these changes in full

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.9-201x, Building Services Piping (revision of ANSI/ASME B31.9-2011)

This Code Section has rules for the piping in industrial, institutional, commercial, and public buildings, and multi-unit residences, which does not require the range of sizes, pressures, and temperatures covered in B31.1. This Code prescribes requirements for the design, materials, fabrication, installation, inspection, examination, and testing of piping systems for building services. It includes piping systems in the building or within the property limits.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Frankel Huang, (212) 591 -2000, HuangF@asme.org

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 402-201X, Standard for Installing and Maintaining Motor Control Centers (revision of ANSI/NECA 402-2007)

This standard describes the installation and maintenance procedures for low-voltage motor control centers (MCCs) rated 600 VAC or less with a horizontal bus rating of 2,500 amperes or less. MCCs may be assembled with factory-installed dry-type transformers and panelboards. The testing and maintenance of such dry-type transformers is addressed in NEC 409, Standard for Installing and Maintaining Dry-Type Transformers (ANSI). The testing and maintenance of such panelboards is addressed in NECA 407, Standard for Installing and Maintaining Panelboards (ANSI).

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Diana Brioso, (301) 215 -4549, diana.brioso@necanet.org; neis@necanet.org

NSF (NSF International)

Revision

BSR/NSF 61-201x (i114r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013)

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

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 644-201X, Standard for Safety for Container Assemblies for LP-Gas (Proposal dated 2/14/14) (new standard)

Recirculation of changes to 1.3 and 3.2, originally proposed 11-1-13.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2014a)

Proposal includes the addition of requirements for cord sets and power-supply cords employing supplemental circuitry such as a USB charging circuit. Also the addition of requirements for cord sets and special-use power-supply cords employing a remote control function.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 924-201x, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2011)

Clarification of sign definitions with regard to text and graphical symbol options and the difference between EXIT and other types of sign legends; updated battery requirements to reflect developments in battery technology and standards; disconnect means for equipment with batteries and remote load connections; graphical symbol exit signs; activation lamp parameters for photoluminescent materials; and maximum mounting height marking for emergency luminaires.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1254-201X, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing Systems Units (revision of ANSI/UL 1254-2013)

UL proposes pressure vessel requirements for UL 1254.

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 1577-201X, Standard for Safety for Optical Isolators (Proposals Dated 2/14/14) (revision of ANSI/UL 1577-2013)

(1) Proposed revision to 1.3 for Double Protection Optical Isolators in circuits rated up to 250V; (2) Proposed revision to 16.2 and deletion of 16.2.1 for consistency in dielectric testing for optical isolators.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2129-201x, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2012)

This 2/14/14 proposal includes changes to the 1-year leak check for clean agents.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Betty Holthouser, (919) 549 -1896, betty.c.holthouser@ul.com

Comment Deadline: March 31, 2014

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI 13958-201x, Concentrates for haemodialysis and related therapies (national adoption of ISO 13958:2014 with modifications and revision of ANSI/AAMI/ISO 13958-2009)

Specifies minimum requirements for concentrates used for haemodialysis and related therapies. Addressed to the manufacturer of concentrates. Includes spikes. Also gives requirements for equipment used to mix acid and bicarbonate powders into concentrate at the user's facility. Includes a 48-hour TSA method for tests for compliance with microbiological requirements.

Single copy price: 20.00 (AAMI members)/$25.00 (list) [Paper]; Free (AAMI members)/$25.00 (list) [PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253 -8263, CBernier@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI 13959-201x, Quality of water for haemodialysis and related therapies (national adoption of ISO 13959:2014 with modifications and revision of ANSI/AAMI/ISO 13959-2009)

Specifies minimum requirements for water to be used in haemodialysis and related therapies. Includes water to be used in the preparation of concentrates, dialysis fluids for haemodialysis, haemodiafiltration and haemofiltration, and for the reprocessing of haemodialysers. Includes 48-hour TSA method for tests for compliance with microbiological requirements.

Single copy price: 20.00 (AAMI members)/$25.00 (list) [Paper]; Free (AAMI members)/$25.00 (list) [PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253 -8263, CBernier@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (national adoption of ISO 23500:2014 with modifications and revision of ANSI/AAMI/ISO 23500-2011)

Addresses user's responsibility for the dialysis fluid once the equipment used in its preparation has been delivered and installed. For the purposes of this Standard, the dialysis fluid includes dialysis water used for the preparation of dialysis fluid and substitution fluid, dialysis water used for the preparation of concentrates at the user's facility, as well as concentrates and the final dialysis fluid and substitution fluid. Includes 48-hour TSA method for tests for compliance with microbiological requirements.

Single copy price: 20.00 (AAMI members)/$25.00 (list) [Paper]; Free (AAMI members)/$25.00 (list) [PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253 -8263, CBernier@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI 26722-201x, Water treatment equipment for haemodialysis applications and related therapies (national adoption of ISO 26722:2014 with modifications and revision of ANSI/AAMI/ISO 26722-2009)

Addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies. Covers devices used to treat water intended for use in the delivery of haemodialysis and related therapies. Includes 48-hour TSA method for tests for compliance with microbiological requirements.

Single copy price: 20.00 (AAMI members)/$25.00 (list) [Paper]; Free (AAMI members)/$25.00 (list) [PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253 -8263, CBernier@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST55-2010 (R201x), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2010)

Establishes minimum construction and performance requirements for small table-top sterilizers that use saturated steam as the sterilizing agent and that have a volume less than or equal to 2 cubic feet.

Single copy price: 60.00 (AAMI members)/$120.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525 -4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST79-2010 (R201x), Comprehensive guide to steam sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST79-2010, A1:2010, A2:2011, A3:2012, A4:2013)

This recommended practice provides guidelines for decontamination and steam sterilization processing in hospitals and other health care facilities. These guidelines are intended to promote sterility assurance and to assist health care personnel in the proper use of processing equipment.

Single copy price: 140.00 (AAMI members)/$280.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; Phone: 1-877-249- 8226; Fax: 1-301-206 -9789

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525 -4890, sgillespie@aami.org

ADA (American Dental Association)

Reaffirmation

BSR/ADA 54-1986 (R201x), Double-Pointed, Parenteral, Single Use Needles for Dentistry (reaffirmation of ANSI/ADA 54-1986 (R2009))

This standard covers sterile, single-use, individually packaged, double-pointed needles with a means of secure attachment to cartridge-type syringes used for dental, regional, anesthetic injections.

Single copy price: $40.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

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

ADA (American Dental Association)

Reaffirmation

BSR/ADA 75-1997 (R201x), Resilient Lining Materials for Removable Dentures - Part 1: Short-Term Materials (reaffirmation of ANSI/ADA 75-1997 (R2003))

This part of ANSI/ADA Standard No. 75 specifies requirements for the physical properties, test methods, packaging, marking, and manufacturer's instructions for denture lining materials suitable for short-term use.

Single copy price: $39.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

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

ADA (American Dental Association)

Reaffirmation

BSR/ADA Specification No. 120-2009 (R201x), Powered Toothbrushes (reaffirmation of ANSI/ADA Specification No. 120-2009)

This standard defines requirements and test methods for the physical properties of powered toothbrushes in order to promote the safety of these products for their intended use. Specifically excluded are other types of powered oral hygiene devices (such as powered interdental brushes) and manual toothbrushes.

Single copy price: $46.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

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

AHAM (Association of Home Appliance Manufacturers)

Revision

BSR/AHAM AC-1-201x, Method for Measuring Performance of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-1-2006)

This standard method measures the relative reduction by the air cleaner of particulate matter suspended in the air in a specified test chamber. It also prescribes a method for measuring the operating power and standby power of the air cleaner.

Single copy price: $110.00

Obtain an electronic copy from: AHAM

Order from: AHAM

Send comments (with copy to psa@ansi.org) to: Matthew Williams, (202) 872-5955 x317, mwilliams@aham.org

AHAM (Association of Home Appliance Manufacturers)

Revision

BSR/AHAM HLW-1-201x, Performance Evaluation Procedures for Household Clothes Washers (revision of ANSI/AHAM HLW-1-2007)

This standard applies to automatic household clothes washers and combination washer-dryer equipment. With respect to combination washer-dryer equipment, this standard covers the washing function only. This standard includes definitions and test methods for evaluating the performance of various cycles of household clothes washers.

Single copy price: $110.00

Obtain an electronic copy from: AHAM

Order from: AHAM

Send comments (with copy to psa@ansi.org) to: Matthew Williams, (202) 872-5955 x317, mwilliams@aham.org

AHAM (Association of Home Appliance Manufacturers)

Revision

BSR/AHAM RAC-1-201x, Room Air Conditioners (revision of ANSI/AHAM RAC-1-201x)

This standard establishes standard methods for measuring performance and includes sections on definitions, test conditions, tests for standard measurements, performance tests, and safety, which apply to room air conditioners.

Single copy price: $60.00

Obtain an electronic copy from: AHAM

Order from: AHAM

Send comments (with copy to psa@ansi.org) to: Matthew Williams, (202) 872-5955 x317, mwilliams@aham.org

API (American Petroleum Institute)

Revision

BSR/API MPMS Chapter 14.3.2, 5th Ed./AGA Report No. 3, Part 2, 5th Ed., Concentric, Square-Edged Orifice Meters - Specification and Installation Requirements (revision of ANSI/API MPMS Chapter 14.3, Part 2-2000 (R2011))

This document establishes design and installation parameters for measurement of fluid flow using concentric, square-edged, flanged, tapped, orifice meters.

Single copy price: Free

Obtain an electronic copy from: Jonesj@api.org

Order from: Jennifer Jones, 202-682-8073, jonesj@api.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31Q-201x, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2010)

This Standard establishes the requirements for developing and implementing an effective Pipeline Personnel Qualification Program (qualification program) utilizing accepted industry practices. The standard also offers guidance and examples of acceptable practices to meet selected requirements. The standard specifies the requirements for identifying covered tasks that impact the safety or integrity of pipelines, for qualifying individuals to perform those tasks, and for managing the qualifications of pipeline personnel.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

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

Send comments (with copy to psa@ansi.org) to: Paul Stumpf, (212) 591 -8536, stumpfp@asme.org

AWS (American Welding Society)

Reaffirmation

BSR/AWS A4.2M/ISO 8249:2000-2006 (R201x), Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal (reaffirmation of ANSI/AWS A4.2M/ISO 8249:2000-2006)

Calibration procedures are specified for a number of commercial instruments that can then provide reproducible measurements of the ferrite content of austenitic stainless steel weld metals. Certain of these instruments can be further calibrated for measurements of the ferrite content of duplex ferritic-austenitic stainless steel weld metals. Calibration with primary standards (nonmagnetic coating thickness standards from the U.S. National Institute of Standards and Technology) is the preferred method for appropriate instruments.

Single copy price: $36.50

Obtain an electronic copy from: gupta@aws.org

Order from: Rakesh Gupta, (305) 443-9353, x 301, gupta@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443 -9353, x466, adavis@aws.org; aalonso@aws.org; bmcgrath@aws.org

ECA (Electronic Components Association)

New Standard

BSR/EIA 364-84-201x, Residual Magnetism Test Procedure for Electrical Contact Used in Space Applications (new standard)

This standard establishes a test procedure to determine the residual magnetism of individual contacts within a connector during controlled laboratory tests designed to simulate conditions likely to be encountered in unusual atmospheres, high-altitude, and space-flight environments.

Single copy price: $85.00

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

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

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 EHR BHFP, R1-2008 (R201x), HL7 EHR Behavioral Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR BHFP, R1 -2008)

This standard is a definitive list of capabilities/functionalities believed necessary to manage a clinical repository and medical record system for use by behavioral health providers who vary extensively in organizational setting, scope of practice, and legal/regulatory environments. It is believed this will facilitate the acquisition of EHR systems by behavioral health providers and promote their integration with other areas of health, especially primary health care and family practice.

Single copy price: $Currently free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 EHR CHFP, R1-2008 (R201x), HL7 EHR Child Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CHFP, R1-2008)

This standard provides the essential general pediatric functions and specific conformance criteria that are important to include in any system through which a child might receive primary care in the United States in both inpatient and outpatient setting. It conforms to the HL7 Electronic Health Record-Systems Functional Model (EHR-S FM).

Single copy price: $Currently free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 PM, R1-2005 (R201x), HL7 Version 3 Standard: Personnel Management, Release 1 (reaffirmation of ANSI/HL7 V3 PM, R1-2005)

This document provides support for Provider and Organization messages as determined to support registry messaging (Consumer Product).

Single copy price: $Currently free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 RXCMET, R1-201x, HL7 Version 3 Standard: Pharmacy CMETs, Release 1 (revision and partition of ANSI/HL7 V3 CMET R3-2013)

These are Common Message Element Types, drawn from the Pharmacy D-MIM, that are used to express pharmacy-related information (e.g., medication orders and dispenses) in both Pharmacy R-MIMs and models created by other work groups.

Single copy price: Free to HL7 members/free to non-members following publication and a 90-day wait period

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HPS (ASC N13) (Health Physics Society)

New Standard

BSR N13.37-201x, Environmental Dosimetry - Criteria for System Design and Implementation (new standard)

Provides environmental radiation specialists and state and federal regulatory agencies with guidance to the application, methods of use, and testing of thermoluminescence dosimetry systems.

Single copy price: $40.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, (703) 790-1745, njohnson@burkinc.com

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

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

New Standard

BSR INCITS 509-201x, Information technology - Fibre Channel - Backbone - 6 (new standard)

This standard consists of distinct Fibre Channel mappings resulting in the following models:

- FC-BB_IP (FC over TCP/IP backbone network);

- Transparent FC-BB consisting of:

- FC-BB_GFPT (FC over SONET/SDH/OTN/PDH backbone network using GFPT adaptation);

- FC-BB_PW (FC over MPLS network using PW adaptation); and

- FC-BB_E (FC over Ethernet).

Single copy price: $30.00

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

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

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

NAAMM (National Association of Architectural Metal Manufacturers)

Revision

BSR/NAAMM HMMA 861-201x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2006)

This document assists stakeholders in the specifying of doors and frames for commercial applications such as schools, warehouses, industrial buildings, or strip stores. This document was prepared in accordance with the standard CSI format.

Single copy price: $25.00

Obtain an electronic copy from: http://www.naamm.org/ansi/pending.aspx

Order from: Vernon W. Lewis, Jr. Technical Consultant, 114 Whiting Street, Norfolk, VA 23505

Send comments (with copy to psa@ansi.org) to: Vernon W. Lewis, Jr. Technical Consultant, 114 Whiting Street, Norfolk, VA 23505

NECA (National Electrical Contractors Association)

Revision

BSR/NECA/IESNA 501-201x, Standard for Installing Exterior Lighting Systems (revision of ANSI/NECA/IESNA 501-2000 (R2006))

This standard describes installation procedures for lighting systems commonly used in outdoor applications on and near commercial, institutional, industrial and storage buildings, including but not limited to the following: (a) Pole-mounted spotlights, area lights, sports lights, and floodlights; (b) Illuminated bollards; (c) Wall-mounted sconces, wall bracket lights, and wall pack lights; (d) Above-ground mounted floodlights and spotlights; (e) In-ground floodlights and spotlights; (g) Step lights and other lights recessed into exterior walls and other concrete surfaces; (h) Canopy and soffit-mounted surface lights; and (i) Landscape lighting.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

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

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA/IESNA 502-201X, Standard for Installing Industrial Lighting Systems (revision of ANSI/NECA/IESNA 502-1999 (R2006))

This standard describes installation procedures for lighting systems commonly used in industrial and storage buildings, including, but not limited to, the following: (a) High-intensity discharge (HID) low-bay and high-bay lighting systems; (b) Fluorescent trip lights and overhead industrial fluorescent lighting systems; (c) LED overhead high-bay lighting systems; (d) Induction-lamp overhead high-bay lighting systems; (e) Common special-purpose and special-environment industrial luminaires; and (f) Lighting installed on industrial wireway and track lighting systems.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

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

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

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revision

BSR C12.19-201x, Standard for Utility Industry End Device Data Tables (revision of ANSI C12.19-2008)

Defines a table structure for utility application data to be passed between an end device and a computer. Does not define device design criteria nor specify the language or protocol used to transport that data. The purpose of the tables is to define structures for transporting data to and from end devices.

Single copy price: $314.00

Order from: NEMA

Send comments (with copy to psa@ansi.org) to: Paul Orr, (703) 841-3227, Pau_orr@nema.org

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revision

BSR C12.22-201x, Protocol Specification for Interfacing to Data Communication Networks (revision of ANSI C12.22-2008)

Describes the process of transporting C12.19 table data over a variety of networks, with the intention of advancing interoperability among communications modules and meters.

Single copy price: $191.00

Order from: NEMA

Send comments (with copy to psa@ansi.org) to: Paul Orr, (703) 841-3227, Pau_orr@nema.org

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1777-2009a (R201x), Standard for Safety for Chimney Liners (reaffirmation of ANSI/UL 1777-2009a)

UL proposes a reaffirmation for ANSI approval of UL 1777.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 94-201x, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94 -2013b)

The following changes in requirements to UL 94 are being proposed: (1) Definition of a new classification for Carbon Black (as colorant) in UL 94.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 651-201x, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2012)

Document (dated 2-14-2014) proposes requirements for expansion-deflection joints and deflection joints. Application of existing requirements for expansion joints is augmented by new requirements for deflection.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2013a)

The following changes in requirements to UL 746A are being proposed: (1) Clarification regarding color in Polymer Variation Table of UL 746A following already existing regulations in UL 94 and (2) Definition of a new classification for Carbon Black (as colorant) in Polymer Variation Table of UL 746A.

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: Raymond Suga, (631) 546 -2593, raymond.m.suga@ul.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance

BSR/VITA 1.5-2003 (S201x), 2eSST (stabilized maintenance of ANSI/VITA 1.5-2003 (R2009))

This standard defines a transfer protocol, based upon source synchronous concepts, that currently permits the VMEbus to operate at rates up to 320MB/sec.

Single copy price: $50.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance

BSR/VITA 1.7-2003 (S201x), Increased Current DIN Connector (stabilized maintenance of ANSI/VITA 1.7-2003 (R2009))

This standard describes increased current levels, test methods, test data, and compliance criteria for 3-row DIN and 5-row DIN connectors when used in VME, VME64, and VME64 Extension P1/J1 and P2/J2 pin-out arrangements.

Single copy price: $25.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance

BSR/VITA 31.1-2003 (S201x), Gigabit Ethernet on VME64x Backplanes (stabilized maintenance of ANSI/VITA 31.1-2003 (R2009))

This standard defines a pin-out and interconnection methodology for implementing a 10/100/1000BASE-T Ethernet switched network on a VME64x backplane.

Single copy price: $25.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance

BSR/VITA 32-2003 (S201x), Processor PMC (stabilized maintenance of ANSI/VITA 32-2003 (R2009))

This standard incorporates a set of extensions to the IEEE 1386.1 PMC (PCI Mezzanine Card) standard that creates a new class of CPU-based PMC cards referred to in this standard as Processor PMC cards - standard retains electrical signaling compatibility with existing PMC cards.

Single copy price: $25.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance

BSR/VITA 39-2003 (S201x), PCI-X for PMC and Processor PMC (stabilized maintenance of ANSI/VITA 39-2003 (R2009))

This standard integrates the PCI-X capability from PCI to PMC-based products, including standard PMCs as well as Processor PMCs.

Single copy price: $25.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

Comment Deadline: April 15, 2014

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

ASSE (ASC Z359) (American Society of Safety Engineers)

Revision

BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

This standard establishes requirements for the performance, design, qualification testing, markings and instructions, inspections, maintenance and storage, and removal from service of self-retracting devices including self-retracting lanyards (SRL's), self-retracting lanyards with integral rescue capability (SRL-R's), and self-retracting lanyards with leading edge capability (SRL-LE's). This standard establishes requirements for SRD's intended for use in personal fall arrest or rescue systems for authorized persons within the capacity range of 130 to 310 pounds (59 to 141 kg).

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.Org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 864-201x, Standard for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2012)

(1) Deletion of 53.7(c), Faulting Power Supply Output to the Microprocessor, Memory, Disk Supply, or the Like; (2) Revision of the Short Range Radio Frequency Device Test Methods to incorporate frequency hopping/spread spectrum-type technologies; (3) Operation and annunciation during a ground fault on battery-operated wireless devices; (4) Revision to address spacings for circuit voltages over 300 V and to address low-voltage power-limited circuits; (5) New requirement regarding operation after 15 minutes of primary power loss and corrections for smoke control systems; (6) Fulfillment of safety-related requirements when product is in compliance with UL 60950-1. (7) Combination systems; (8) Revision to combination system requirements to be in line with NFPA 72 regarding ground faults; (9) Addition of requirements for combination systems involving carbon monoxide signaling; (10) Addition of minimum rechargeable standby power safety margin; (11) Revision to eliminate the exception to identifying an inoperative transmitter within 200 seconds; (12) Revisions added for new and revised class designations and operation for NACs, IDCs, and SLCs; (13) Additional requirements to address concerns regarding compatibility after field software updates; (14) Additional requirements for instructions for the user when a system uses a microphone; (15) Revisions to emergency voice alarm systems equipment requirements; (16) Revisions to remote, central and proprietary services equipment requirements; (17) Local service equipment requirement revisions; (18) Revisions to releasing service equipment requirements; (19) Releasing (non-extinguishing and non-water based) devices; (20) Revisions to incorporate UL 1711 and UL 1481 into UL 864; (21) Revisions to scope regarding abort stations and manual releasing stations. and (22) Miscellaneous editorial revisions, corrections, and clarifications.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Ritu Madan, 847-664-3297, ritu.madan@ul.com

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/ASTM D2751-2005, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings

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 13958-201x, Concentrates for haemodialysis and related therapies (national adoption of ISO 13958:2014 with modifications and revision of ANSI/AAMI/ISO 13958-2009)

BSR/AAMI 13959-201x, Quality of water for haemodialysis and related therapies (national adoption of ISO 13959:2014 with modifications and revision of ANSI/AAMI/ISO 13959-2009)

BSR/AAMI 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (national adoption of ISO 23500:2014 with modifications and revision of ANSI/AAMI/ISO 23500-2011)

BSR/AAMI 26722-201x, Water treatment equipment for haemodialysis applications and related therapies (national adoption of ISO 26722:2014 with modifications and revision of ANSI/AAMI/ISO 26722 -2009)

BSR/AAMI ST55-2010 (R201x), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2010)

BSR/AAMI ST79-2010 (R201x), Comprehensive guide to steam sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST79-2010, A1:2010, A2:2011, A3:2012, A4:2013)

AHAM (Association of Home Appliance Manufacturers)

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

Contact: *Matthew Williams*

Phone: (202) 872-5955 x317

Fax: (202) 872-9354

E-mail: mwilliams@aham.org

BSR/AHAM AC-1-201x, Method for Measuring Performance of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-1 -2006)

BSR/AHAM HLW-1-201x, Performance Evaluation Procedures for Household Clothes Washers (revision of ANSI/AHAM HLW-1-2007)

BSR/AHAM RAC-1-201x, Room Air Conditioners (revision of ANSI/AHAM RAC-1-201x)

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: *Jennifer Jones*

Phone: 202-682-8073

Fax: 202-962-4797

E-mail: jonesj@api.org

BSR/API MPMS Chapter 14.3.2, 5th Ed./AGA Report No. 3, Part 2, 5th Ed., Concentric, Square-Edged Orifice Meters-Specification and Installation Requirements (revision of ANSI/API MPMS Chapter 14.3, Part 2-2000 (R2011))

BSR/API MPMS Chapter 22.1, 2nd Edition-201x, General Guidelines for Developing Testing Protocols for Devices Used in the Measurement of Hydrocarbon Fluids (new standard)

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

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.44-201X, Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations (revision of ANSI/ASSE A10.44-2006)

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

BSR/ASSE Z359.15-201X, Safety Requirements for Single Anchor Vertical Lifelines & Fall Arrestors for Personal Fall Arrest Systems (new standard)

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

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

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 509-201x, Information technology - Fibre Channel - Backbone - 6 (new standard)

NAAMM (National Association of Architectural Metal Manufacturers)

Office: 800 Roosevelt Road, Building C
Glen Ellyn, IL 23505

Contact: *Vernon (Wes) Lewis*

Phone: (757) 489-0787

Fax: (757) 489-0788

E-mail: wlewis7@cox.net

BSR/NAAMM HMMA 861-201x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2006)

NECA (National Electrical Contractors Association)

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

Contact: *Diana Brioso*

Phone: (301) 215-4549

Fax: (301) 215-4500

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

BSR/NECA 402-201X, Standard for Installing and Maintaining Motor Control Centers (revision of ANSI/NECA 402-2007)

BSR/NECA/IESNA 501-201x, Standard for Installing Exterior Lighting Systems (revision of ANSI/NECA/IESNA 501-2000 (R2006))

BSR/NECA/IESNA 502-201X, Standard for Installing Industrial Lighting Systems (revision of ANSI/NECA/IESNA 502-1999 (R2006))

PEARL (Professional Electrical Apparatus Recyclers League)

Office: 4255 S. Buckley Road
#118
Aurora, CO 80013

Contact: *Mark Stone*

Phone: (877) 287-3275

Fax: (888) 996-3296

E-mail: pearl@pearl1.org

BSR/PEARL Rev 6-201x, PEARL Reconditioning Standard (new standard)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Ross Wilson*

Phone: 919-549-1511

Fax: (631) 271-6200

E-mail: Ross.Wilson@ul.com

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

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2014a)

BSR/UL 1577-201X, Standard for Safety for Optical Isolators (Proposals dated 2/14/14) (revision of ANSI/UL 1577-2013)

Call for Members (ANS Consensus Bodies) [2/7/14 SA]

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AAMI (Association for the Advancement of Medical Instrumentation)

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Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI 11663-201x, Quality of dialysis fluid for haemodialysis and related therapies (national adoption of ISO 11663:2014 with modifications and revision of ANSI/AAMI/ISO 11663-2009 (Ed1))

BSR/AAMI 13958-201x, Concentrates for haemodialysis and related therapies (national adoption of ISO 13958:2014 with modifications and revision of ANSI/AAMI/ISO 13958-2009)

BSR/AAMI 13959-201x, Quality of water for haemodialysis and related therapies (national adoption of ISO 13959:2014 with modifications and revision of ANSI/AAMI/ISO 13959-2009)

BSR/AAMI 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (national adoption of ISO 23500:2014 with modifications and revision of ANSI/AAMI/ISO 23500-2011)

BSR/AAMI 26722-201x, Water treatment equipment for haemodialysis applications and related therapies (national adoption of ISO 26722:2014 with modifications and revision of ANSI/AAMI/ISO 26722 -2009)

BSR/AAMI ST55-2010 (R201x), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2010)

BSR/AAMI ST79-2010 (R201x), Comprehensive guide to steam sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST79-2010, A1:2010, A2:2011, A3:2012, A4:2013)

AHAM (Association of Home Appliance Manufacturers)

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Contact: *Matthew Williams*

Phone: (202) 872-5955 x317

Fax: (202) 872-9354

E-mail: mwilliams@aham.org

BSR/AHAM AC-1-201x, Method for Measuring Performance of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-1 -2006)

BSR/AHAM HLW-1-201x, Performance Evaluation Procedures for Household Clothes Washers (revision of ANSI/AHAM HLW-1-2007)

BSR/AHAM RAC-1-201x, Room Air Conditioners (revision of ANSI/AHAM RAC-1-201x)

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: *Jennifer Jones*

Phone: 202-682-8073

Fax: 202-962-4797

E-mail: jonesj@api.org

BSR/API MPMS Chapter 14.3.2, 5th Ed./AGA Report No. 3, Part 2, 5th Ed., Concentric, Square-Edged Orifice Meters-Specification and Installation Requirements (revision of ANSI/API MPMS Chapter 14.3, Part 2-2000 (R2011))

BSR/API MPMS Chapter 22.1, 2nd Edition-201x, General Guidelines for Developing Testing Protocols for Devices Used in the Measurement of Hydrocarbon Fluids (new standard)

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 26-201X, Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship (revision of ANSI/ASHRAE Standard 26-2010)

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

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.44-201X, Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations (revision of ANSI/ASSE A10.44-2006)

ASSE (ASC Z359) (American Society of Safety Engineers)

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Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

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Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

BSR/ASSE Z359.15-201X, Safety Requirements for Single Anchor Vertical Lifelines & Fall Arrestors for Personal Fall Arrest Systems (new standard)

CPA (Composite Panel Association)

Office: 19465 Deerfield Avenue
Suite 306
Leesburg, VA 20176

Contact: *Gary Heroux*

Phone: (703) 724-1128

Fax: (703) 724-1588

E-mail: gheroux@cpamail.org

BSR A208.1-201x, Particleboard (revision of ANSI A208.1-2009)

BSR A208.2-201x, Medium Density Fiberboard (MDF) For Interior Applications (revision of ANSI A208.2-2009)

Home Innovation (Home Innovation Research Labs)

Office: 400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731

Contact: *Vladimir Kochkin*

Phone: (301) 430-6249

Fax: (301) 430-6182

E-mail: vkochkin@HomeInnovation.com

BSR/ICC 700-201x, National Green Building Standard (revision of ANSI/ICC 700-2008)

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

BSR INCITS 509-201x, Information technology - Fibre Channel - Backbone - 6 (new standard)

NAAMM (National Association of Architectural Metal Manufacturers)

Office: 800 Roosevelt Road, Building C
Glen Ellyn, IL 23505

Contact: *Vernon (Wes) Lewis*

Phone: (757) 489-0787

Fax: (757) 489-0788

E-mail: wlewis7@cox.net

BSR/NAAMM FP 1001-2014, Guide Specifications for Design of Meal Flagpoles (revision of ANSI/NAAMM FP 1001-2007)

BSR/NAAMM HMMA 861-201x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2006)

NACE (NACE International, the Corrosion Society)

Office: 1440 South Creek Drive
Houston, TX 77084-4906

Contact: *Everett Bradshaw*

Phone: (281) 228-6203

Fax: (281) 228-6387

E-mail: Everett.bradshaw@nace.org

BSR/NACE Standard MR0103-201x, 'Materials Resistant to Sulfide Stress Cracking in Corrosive Petroleum Refining Environments” (revision of ANSI/NACE Standard MR0103 -2012)

NECA (National Electrical Contractors Association)

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

Contact: *Diana Brioso*

Phone: (301) 215-4549

Fax: (301) 215-4500

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

BSR/NECA 402-201X, Standard for Installing and Maintaining Motor Control Centers (revision of ANSI/NECA 402-2007)

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

BSR/NECA/IESNA 501-201x, Standard for Installing Exterior Lighting Systems (revision of ANSI/NECA/IESNA 501-2000 (R2006))

BSR/NECA/IESNA 502-201X, Standard for Installing Industrial Lighting Systems (revision of ANSI/NECA/IESNA 502-1999 (R2006))

PEARL (Professional Electrical Apparatus Recyclers League)

Office: 4255 S. Buckley Road
#118
Aurora, CO 80013

Contact: *Mark Stone*

Phone: (877) 287-3275

Fax: (888) 996-3296

E-mail: pearl@pearl1.org

BSR/PEARL Rev 6-201x, PEARL Reconditioning Standard (new standard)

RESNA (Rehabilitation Engineering and Assistive Technology Societv of North America)

Office: 1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Phone: (703) 524-6686

Fax: (703) 524-6630

E-mail: YMeding@resna.org

BSR/RESNA WC-3-2014, RESNA Standard for Wheelchairs - Volume 3: Wheelchair Seating (revision of ANSI/RESNA WC-3-2013)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-C-201x, Standard test procedure for fiber optic fibers, cables, transducers, sensors, connecting and terminating devices, and other fiber optic components (new standard)

BSR/TIA 968-B-2-201x, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 2 (addenda to ANSI/TIA 968-B-2009)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Ross Wilson*

Phone: 919-549-1511

Fax: (631) 271-6200

E-mail: Ross.Wilson@ul.com

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

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2014a)

BSR/UL 1577-201X, Standard for Safety for Optical Isolators (Proposals dated 2/14/14) (revision of ANSI/UL 1577-2013)

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

ANSI/AAMI/ISO 10993-5-2009 (R2014), Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity (reaffirmation of ANSI/AAMI/ISO 10993-5-2009): 2/6/2014

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.93-1-2014, Financial Transaction Message - Electronic Benefits Transfer - Part 1: Messages (revision of ANSI X9.93-1 -2008): 2/6/2014

ANSI X9.93-2-2014, Financial transaction messages - Electronic Benefits Transfer (EBT) - Part 2: Files (revision of ANSI X9.93-2 -2008): 2/6/2014

ASTM (ASTM International)

New Standard

ANSI/ASTM D7856-2014, Specification for Color and Appearance - Retention of Solid and Variegated Color - 2 Plastic Siding Products using CIELab Color Space (new standard): 2/1/2014

ANSI/ASTM F3051-2014, Test Method for Performance of Cook-and-Hold Ovens (new standard): 1/21/2014

ANSI/ASTM F3052-2014, Guide for Standard Guide for Conducting Small Boat Stability Test (Deadweight Survey and Air Inclining Experiment) to Determine Lightcraft Weight and Centers of Gravity of a Small Craft (new standard): 1/21/2014

Reaffirmation

ANSI/ASTM F1130-2000 (R2014), Practice for Inspecting the Coating System of a Ship (reaffirmation of ANSI/ASTM F1130-2000 (R2009)): 1/21/2014

ANSI/ASTM F1138-1998 (R2014), Specification for Spray Shields for Mechanical Joints (reaffirmation of ANSI/ASTM F1138-1998 (R2007)): 2/1/2014

Revision

ANSI/ASTM E970-2014, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-2010): 1/21/2014

ANSI/ASTM E2536-2014, Guide for Assessment of Measurement Uncertainty in Fire Tests (revision of ANSI/ASTM E2536-2009): 2/1/2014

ANSI/ASTM F1495-2014, Specification for Combination Oven - Electric or Gas Fired (revision of ANSI/ASTM F1495-2005): 1/21/2014

ANSI/ASTM F2861-2014, Test Method for Enhanced Performance of Combination Oven in Various Modes (revision of ANSI/ASTM F2861 -2010): 1/21/2014

Withdrawal

ANSI/ASTM D1168-2008, Test Methods for Hydrocarbon Waxes Used for Electrical Insulation (withdrawal of ANSI/ASTM D1168-2008): 2/1/2014

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

ANSI ATIS 0900002-2009 (R2014), Synchronization Standard - Physical Interconnection for Ethernet-Based Timing Distribution (reaffirmation of ANSI ATIS 0900002-2009): 2/7/2014

Revision

ANSI ATIS 0600307-2014, Fire Resistance Criteria - Ignitability Requirements for Equipment Assemblies, Ancillary Non-Metallic Apparatus, and Fire Spread Requirements for Wire and Cable (revision of ANSI ATIS 0600307-2007): 2/6/2014

AWWA (American Water Works Association)

Revision

ANSI/AWWA G300-2014, Source Water Protection (revision of ANSI/AWWA G300-2007): 2/6/2014

FM (FM Approvals)

Reaffirmation

ANSI/FMRC FM 3260-2004 (R2014), Radiant Energy-Sensing Fire Detectors for Automatic Fire Alarm Signaling (reaffirmation of ANSI/FMRC FM 3260-2004): 2/6/2014

ISEA (International Safety Equipment Association)

New Standard

ANSI/ISEA 125-2014, Conformity Assessment of Safety and Personal Protective Equipment (new standard): 2/5/2014

NSF (NSF International)

New Standard

* ANSI/NSF 358-1-2014 (i2r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (new standard): 2/3/2014

Revision

* ANSI/NSF 2-2014 (i20r2), Food Equipment (revision of ANSI/NSF 2 -2012): 2/4/2014

* ANSI/NSF 7-2014 (i11r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2009): 2/11/2014

* ANSI/NSF 50-2014 (i49r5), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2012): 2/6/2014

ANSI/NSF 170-2014 (i15r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2011): 2/4/2014

NWRA (National Windshield Repair Association)

Revision

* ANSI/NWRA/ROLAGS 001-2013, Repair of Laminated Automotive Glass Standard (revision and redesignation of ANSI/NGA R1.1 -2007): 2/11/2014

PLASA (PLASA North America)

New Standard

ANSI E1.44-2014, Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (new standard): 2/6/2014

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

Reaffirmation

ANSI B74.16-2002 (R2014), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2007)): 2/6/2014

ANSI B74.23-2002 (R2014), Measuring Relative Crystal Strengths of Diamond and Cubic Boron Nitride (reaffirmation of ANSI B74.23 -2002 (R2007)): 2/6/2014

UL (Underwriters Laboratories, Inc.)

Revision

* ANSI/UL 484-2014, Standard for Safety for Room Air Conditioners (revision of ANSI/UL 484-2013): 2/6/2014

ANSI/UL 1309-2014, Standard for Safety for Marine Shipboard Cable (revision of ANSI/UL 1309-2011): 2/10/2014

Project Initiation Notification System (PINS)

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

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

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

ANS (American Nuclear Society)

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BSR/ANS 3.14-201x, Process for Aging Management and Life Extension of Non-Reactor Facilities (new standard)

Stakeholders: Owners and regulators of non-reactor nuclear facilities such as commercial fuel cycle facilities, national R&D laboratories, and defense nuclear facilities (typically owned by the Department of Energy).

Project Need: Unlike for commercial nuclear reactors, a standard does not exist for determining acceptable methods for conducting systematic reviews of non-reactor facility structures, systems, and components (SSC) for aging management and life extension.

This standard addresses requirements for systematically evaluating SSCs for extending the life of non-reactor nuclear facilities. This standard provides a systematic process to determine the scope of the aging management/life extension program in terms of SSCs. For those SSCs, a process for the evaluation of remaining lifetime and determining the need for additional analysis, repairs, inspections, surveillance, testing, and spare-part obsolescence will be developed.

API (American Petroleum Institute)

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Washington, DC 20005

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E-mail: jonesj@api.org

BSR/API MPMS Chapter 22.1, 2nd Edition-201x, General Guidelines for Developing Testing Protocols for Devices Used in the Measurement of Hydrocarbon Fluids (new standard)

Stakeholders: Petrochemical suppliers, petrochemical purchasers, petrochemical measurement device manufacturers and purchasers.

Project Need: Create an industry standard for developing testing protocols to define appropriate methods for measuring and reporting the performance characteristics of similar equipment in a comparable manner; thus providing a means to highlight the relative performance advantages and disadvantages of similar devices.

This document is for the development of testing protocols and to serve as a guideline to document performance characteristics of hydrocarbon-fluid measurement-related devices.

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

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BSR/ASHRAE Standard 215P-201x, Method of Test to Determine Leakage Airflows and Fractional Leakage of Operating Air-Handling Systems (new standard)

Stakeholders: Code developers; design engineers; equipment, duct, and sealant manufacturers; facility owners/operators; government; mechanical contractors; regulatory agencies; utilities.

Project Need: This standard specifies a method of test to determine leakage airflows and fractional leakage of operating air-handling systems for comparison with related acceptance criteria.

This standard is intended for field application in both new and existing non-residential buildings. This standard can be applied to determining whole system or sectional leakage airflows and fractional leakage. This standard provides a uniform set of test procedures and minimum instrumentation requirements for measuring air-handling system inlet and outlet airflows during operation; a uniform method for calculating leakage airflows to or from system surroundings, fractional leakage, and their uncertainties based on the measured data; and a uniform method for reporting the results. It also provides procedures for identifying sections with significant leaks.

BSR/ASHRAE Standard 216P-201x, Methods of Test for Determining Application Data of Overhead Circulator Fans (new standard)

Stakeholders: Building owners/operators, US government, design engineers, DOE, AMCA, utility companies, circulator fan manufacturers.

Project Need: The purpose of this standard is to specify the instrumentation, facilities, test installation methods, and procedures to determine circulator fan application data for occupant thermal comfort in a space.

This standard applies to overhead circulator ceiling fans.

BSR/ASHRAE Standard 217P-201x, Non-Emergency Ventilation in Enclosed Road, Rail and Mass Transit Facilities (new standard)

Stakeholders: Design engineers, facility owners and operators, transportation agencies, government (Federal Transit Administration, Federal Railroad Administration, Federal Highway Administration, etc), manufacturers.

Project Need: This standard provides minimum ventilation requirements for ventilation systems within enclosed transportation facilities during non-emergency operating conditions.

This standard applies to enclosed transportation facilities, which consist of road tunnels, railway tunnels, mass transit tunnels, and mass transit stations. This standard provides criteria for non-emergency ventilation. This standard addresses the design, construction, commissioning, operation, and maintenance requirements of non-emergency ventilation systems and equipments.

ASME (American Society of Mechanical Engineers)

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New York, NY 10016

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E-mail: ANSIBox@asme.org

BSR/API 579-2I/ASME FFS-2-201x, Fitness-for-Service Example Problem Manual (revision of ANSI/API 579-2I/ASME FFS-2-2009)

Stakeholders: Industries impacted include pulp and paper, refining and petrochemical, fossil electric power, and nuclear.

Project Need: API/ 579-2ASME FFS-2 will serve as an example problem manual for API 579-1/ASME FFS-1, Fitness-For-Service. The example problem manual will demonstrate the proper use of rules in API 579-1/ASME FFS-1 and provide a means to benchmark computer programs developed to automate assessment procedures.

Example problems relating to API 579-1/ASME FFS-1, Fitness-For-Service.

BSR/ASME Y14.41.1-201x, 3D Model Organization Schema (new standard)

Stakeholders: DoD, manufacturing, auto, and aerospace industries.

Project Need: This standard is to replace appendix B of MIL-STD -31000A used to define a 3D TDP for the DoD. This standard will aid in the exchange of 3D model data used to define an item for manufacturing and/or procurement.

This standard establishes a schema for organizing information in a model within a digital product definition data set. The schema defines a common practice to improve design productivity and to deliver consistent data content and structure to consumers of the data. An alternate method of data organization may be used as long as a cross-reference is provided to the schema.

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BSR ATIS 0700724-201x, UMTS Handover Interface for Lawful Interception (revision of ANSI ATIS 0700724-2004 (R2009))

Stakeholders: Communication industry.

Project Need: This standard is based on 3GPP TS33.108, modified to become an American National Standard for Telecommunications.

This standard is based on 3GPP TS33.108, modified to become an American National Standard for Telecommunications. Laws of individual nations and regional institutions (e.g., European Union), and sometimes licensing and operating conditions, define a need to intercept telecommunications traffic and related information in modern telecommunications systems. It has to be noted that lawful interception shall always be done in accordance with the applicable national or regional laws and technical regulations. Nothing in this standard, including the definitions, is intended to supplant national law.

ECA (Electronic Components Association)

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BSR/EIA 60115-9-201x, Fixed Resistors for Use in Electronic Equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (identical national adoption of IEC 60115-9 {ed.1})

Stakeholders: Electrical, electronic,s and telecommunications industry.

Project Need: International harmonization.

This part of IEC 60115 is applicable to fixed surface mount resistor networks with individually measurable resistors for use in electronic equipment.

PEARL (Professional Electrical Apparatus Recyclers League)

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#118
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Contact: *Mark Stone*

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E-mail: pearl@pearl1.org

BSR/PEARL Rev 6-201x, PEARL Reconditioning Standard (new standard)

Stakeholders: User, electrical contractors, electrical engineers, electrical equipment recyclers, electrical repair services (shop and field), producer, government, general interest.

Project Need: While industry standards exist for the design, application, manufacture of electrical equipment, there is no standard for the reconditioning for reuse of electrical product, even though there are hundreds and perhaps thousands of businesses who claim to participate in this activity in some fashion. For the safety of the user, such a standard is essential.

The PEARL Reconditioning Standard is intended to establish a minimum work scope for the reconditioning of electrical products and systems, to extend the service life and reliability of the product and to confirm that they are suitable for their intended use. PEARL Reconditioning Standards are written to provide guidance and testing procedures for qualified and trained personnel to ensure electrical products are returned to a secure and reliable operating condition.

PLASA (PLASA North America)

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BSR E1.4-201x, Entertainment Technology - Manually Powered and Static Rigging Systems - Design, Installation, and Operation (revision and redesignation of ANSI E1.4-2014)

Stakeholders: Theatrical rigging system manufacturers, system designers, installers, specifiers, users, and owners.

Project Need: Many non-powered rigging systems in theaters are covered by few or no standards, and they could be if the current standard is revised to include them. Furthermore, the existing standard needs to be revised to offer more flexibility to system specifiers and designers.

The scope of the existing E1.4, Manual Counterweight Rigging Systems, standard is being expanded to include all manually powered systems, and those rigging systems in which scenery, stage lighting, or other theatrical equipment is hung from static battens. The standard is planned to cover the design, installation, and operation of these rigging systems installed in theaters. The standard does not cover motorized systems or systems used for moving materials during building construction.

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

Stakeholders: Theatrical fire safety curtain system manufacturers, designers, installers, specifiers, users, owners.

Project Need: The current standard is almost five years old and needs updating.

ANSI E1.22 is being revised to update it and to better align it with the approval requirements stated in NFPA 80. The standard describes the materials, design, fabrication, installation, operation, testing, and maintenance of fire safety curtains and systems used for theater proscenium opening protection.

BSR E1.37-201x, Additional Message Sets for ANSI E1.20, Remote Device Management (new standard)

Stakeholders: Entertainment lighting control manufacturers, lighting designers, lighting control equipment rental companies and retailers, stage electricians, luminaire manufacturers.

Project Need: Additional message sets would increase the usefulness of ANSI E1.20.

The project is to define additional message sets to be used with ANSI E1.20. This will be a multi-part standard, with additional parts describing additional messages being developed as the messages are defined.

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BSR/UL 1650-201X, Standard for Safety for Portable Power Cable (new standard)

Stakeholders: Manufacturers of cable and portable power equipment, AHJs.

Project Need: To obtain national recognition of a standard covering Portable Power Cables.

This Standard specifies the requirements for Portable Power Cables for use in accordance with the National Electrical Code, NFPA 70.

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BSR/UL 79A-201x, Standard for Safety for Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of pumps.

Project Need: To obtain national recognition of a standard covering pumps for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements cover electrically, hydraulically, or pneumatically driven power-operated pumps for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

BSR/UL 79B-201x, Standard for Safety for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of pumps.

Project Need: To obtain national recognition of a standard covering pumps for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements cover electrically, hydraulically, or pneumatically driven power-operated pumps for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

BSR/UL 87A-201x, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of dispensing devices.

Project Need: To obtain national recognition of a standard covering power-operated dispensing devices for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements apply to power-operated dispensing devices, rated 600 V ac or less, for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

BSR/UL 87B-201x, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of dispensing devices.

Project Need: To obtain national recognition of a standard covering power-operated dispensing devices for use with diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements apply to power-operated dispensing devices, rated 600 V ac or less, for use with diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

BSR/UL 567A-201x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of connectors and pipe-connecting fittings.

Project Need: To obtain national recognition of a standard covering emergency breakaway fittings, swivel connectors and pipe-connecting fittings of the threadless compression type for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements cover emergency breakaway fittings, swivel connectors and pipe-connecting fittings of the threadless compression type for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

BSR/UL 567B-201x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of connectors and pipe-connecting fittings.

Project Need: To obtain national recognition of a standard covering emergency breakaway fittings, swivel connectors and pipe-connecting fittings of the threadless compression type for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements cover emergency breakaway fittings, swivel connectors and pipe-connecting fittings of the threadless compression type for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

BSR/UL 842A-201x, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of valves.

Project Need: To obtain national recognition of a standard covering valves for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements cover valves for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85). They are of the type commonly used in piping systems and in the assembly of motor-fuel dispensing equipment.

BSR/UL 842B-201x, Standard for Safety for Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of valves.

Project Need: To obtain national recognition of a standard covering valves for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements cover valves for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil. They are of the type commonly used in piping systems and in the assembly of motor-fuel dispensing equipment.

BSR/UL 2586A-201x, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of hose nozzle valves.

Project Need: To obtain national recognition of a standard covering hose nozzle valves for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements cover hose nozzle valves for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85). They are of the type used in motor-fuel dispensing equipment.

BSR/UL 2586B-201x, Standard for Safety for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of hose nozzle valves.

Project Need: To obtain national recognition of a standard covering hose nozzle valves for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements cover hose nozzle valves for diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil. They are of the type used in motor-fuel dispensing equipment.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

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ISEA
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Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5741
Fax: 202-638-4922
Web: www.incits.org

NAAMM
National Association of Architectural Metal Manufacturers

800 Roosevelt Road, Building C
Glen Ellyn, IL 23505
Phone: (757) 489-0787
Fax: (757) 489-0788
Web: www.naamm.org

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C12)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Fax: (703) 841-3327
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

NWRA
National Windshield Repair Association

P.O. Box 569
Garrisonville, VA 22463
Phone: (540) 602-3282
Fax: (540) 720-5687
Web: www.nwrassn.org

PEARL
Professional Electrical Apparatus Recyclers League

4255 S. Buckley Road
#118
Aurora, CO 80013
Phone: (877) 287-3275
Fax: (888) 996-3296
Web: www.pearl1.org

PLASA
PLASA North America

630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

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.

455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6684
Fax: (408) 754-6684
Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com

ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ACOUSTICS (TC 43)

ISO/DIS 6926, Acoustics - Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels - 5/14/2014

DENTISTRY (TC 106)

ISO/DIS 17937, Dentistry - Osteotome for bone compaction and sinus floor elevation - 5/14/2014, $46.00

DOCUMENTS AND DATA ELEMENTS IN ADMINISTRATION, COMMERCE AND INDUSTRY (TC 154)

ISO/DIS 14533-1, Processes, data elements and documents in commerce, industry and administration - Long term signature profiles - Part 1: Long term signature profiles for CMS Advanced Electronic Signatures (CAdES) - 4/28/2014, $77.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7240-8, Fire detection and alarm systems - Part 8: Carbon monoxide fire detectors using an electro-chemical cell in combination with a heat sensor - 5/14/2014

FIRE SAFETY (TC 92)

ISO/DIS 19702, Guidance for sampling and analysis of toxic gases and vapours in fire effluents using Fourier Transform Infrared spectroscopy (FTIR) - 5/14/2014

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 16231-2, Self-propelled agricultural machinery - Assessment of stability - Part 2: Determination of static stability and test procedures - 5/14/2014, $82.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 24014-1, Public transport - Interoperable fare management system - Part 1: Architecture - 5/14/2014, $134.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14443-3:2011/PDAM 4, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision - Amendment 4 - 5/15/2014

ISO/IEC 14443-4:2008/PDAM 5, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amendment 5 - 5/15/2014

ISO/IEC CD 11693-3, Identification cards - Optical memory cards - Part 3: Authentication techniques - 5/14/2014

ISO/IEC CD 17549-2, Information technology - User interface guidelines on menu navigation - Part 2: Navigation with 4-direction devices - 5/15/2014

ISO/IEC DIS 30113-1, Information technology - User interface - Gesture-based interfaces across devices and methods - Part 1: Framework - 5/8/2014

ISO/IEC CD 30122-4, Information technology - User interfaces - Principal voice commands - Part 4: Management of voice command registration - 5/14/2014

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

ACOUSTICS (TC 43)

ISO 16283-1:2014, Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation, $189.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 8968-1:2014, Milk and milk products - Determination of nitrogen content - Part 1: Kjeldahl principle and crude protein calculation, $123.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 25178-70:2014, Geometrical product specification (GPS) - Surface texture: Areal - Part 70: Material measures, $173.00

FIRE SAFETY (TC 92)

ISO 13784-1:2014, Reaction to fire test for sandwich panel building systems - Part 1: Small room test, $165.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 15397:2014, Graphic technology - Communication of graphic paper properties, $99.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/Amd5:2014, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 5, $22.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO 14687-3:2014, Hydrogen fuel - Product specification - Part 3: Proton exchange membrane (PEM) fuel cell applications for stationary appliances, $139.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 13482:2014, Robots and robotic devices - Safety requirements for personal care robots, $240.00

INDUSTRIAL FANS (TC 117)

ISO 27327-2:2014, Fans - Air curtain units - Part 2: Laboratory methods of testing for sound power, $180.00

LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

ISO 22559-1:2014, Safety requirements for lifts (elevators) - Part 1: Global essential safety requirements (GESRs), $259.00

LIGHT AND LIGHTING (TC 274)

ISO/CIE 11664-6:2014, Colorimetry - Part 6: CIEDE2000 Colour-difference formula, $88.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

ISO 18142:2014, Carbonaceous materials for the production of primary aluminium - Baked carbon bodies - Determination of the dynamic elasticity modulus by the resonance method, $77.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 18436-4:2014, Condition monitoring and diagnostics of machines - Requirements for qualification and assessment of personnel - Part 4: Field lubricant analysis, $123.00

PAINTS AND VARNISHES (TC 35)

ISO 16925:2014, Paints and varnishes - Determination of the resistance of coatings to pressure water-jetting, $123.00

PLASTICS (TC 61)

ISO 15850:2014, Plastics - Determination of tension-tension fatigue crack propagation - Linear elastic fracture mechanics (LEFM) approach, $139.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 11749:2014, Belt drive - V-ribbed belts for the automotive industry - Fatigue test, $99.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

IEC 62366/Amd1:2014, Medical devices -- Application of usability engineering to medical devices - Amendment 1, $22.00

ROAD VEHICLES (TC 22)

ISO 15031-4:2014, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 4: External test equipment, $165.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 289-1:2014, Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 1: Determination of Mooney viscosity, $123.00

ISO 14285:2014, Rubber and plastics gloves for food services - Limits for extractable substances, $123.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 28004-2:2014, Security management systems for the supply chain - Guidelines for the implementation of ISO 28000 - Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations, $139.00

ISO 28004-3:2014, Security management systems for the supply chain - Guidelines for the implementation of ISO 28000 - Part 3: Additional specific guidance for adopting ISO 28000 for use by medium and small businesses (other than marine ports), $114.00

ISO 28004-4:2014, Security management systems for the supply chain - Guidelines for the implementation of ISO 28000 - Part 4: Additional specific guidance on implementing ISO 28000 if compliance with ISO 28001 is a management objective, $66.00

SMALL TOOLS (TC 29)

ISO 2351-3:2014, Assembly tools for screws and nuts - Machine-operated screwdriver bits - Part 3: Screwdriver bits for hexagon socket screws, $66.00

SOIL QUALITY (TC 190)

ISO 11267:2014, Soil quality - Inhibition of reproduction of Collembola (Folsomia candida) by soil contaminants, $132.00

ISO 13859:2014, Soil quality - Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC), $180.00

ISO 13913:2014, Soil quality - Determination of selected phthalates using capillary gas chromatography with mass spectrometric detection (GC/MS), $139.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 24615-1:2014, Language resource management - Syntactic annotation framework (SynAF) - Part 1: Syntactic model, $132.00

TEXTILES (TC 38)

ISO 2403:2014, Textiles - Cotton fibres - Determination of micronaire value, $77.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 10998/Amd1:2014, Agricultural tractors - Requirements for steering - Amendment 1, $22.00

ISO 5721-2:2014, Agricultural tractors - Requirements, test procedures and acceptance criteria for the operators field of vision - Part 2: Field of vision to the side and to the rear, $58.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 17218:2014, Sterile acupuncture needles for single use, $149.00

WATER QUALITY (TC 147)

ISO 17994:2014, Water quality - Requirements for the comparison of the relative recovery of microorganisms by two quantitative methods, $139.00

ISO 17378-1:2014, Water quality - Determination of arsenic and antimony - Part 1: Method using hydride generation atomic fluorescence spectrometry (HG-AFS), $132.00

ISO 17378-2:2014, Water quality - Determination of arsenic and antimony - Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS), $139.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 5817:2014, Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections, $156.00

WOOD-BASED PANELS (TC 89)

ISO 13608:2014, Plywood - Decorative veneered plywood, $108.00

ISO 13609:2014, Wood-based panels - Plywood - Blockboards and battenboards, $66.00

ISO Technical Specifications

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/TS 24348:2014, Ophthalmic optics - Spectacle frames - Method for the simulation of wear and detection of nickel release from metal and combination spectacle frames, $132.00

SMALL TOOLS (TC 29)

ISO/TS 13399-2:2014, Cutting tool data representation and exchange - Part 2: Reference dictionary for the cutting items, $275.00

ISO/TS 13399-3:2014, Cutting tool data representation and exchange - Part 3: Reference dictionary for tool items, $295.00

ISO/TS 13399-4:2014, Cutting tool data representation and exchange - Part 4: Reference dictionary for adaptive items, $211.00

ISO/TS 13399-5:2014, Cutting tool data representation and exchange - Part 5: Reference dictionary for assembly items, $211.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19794-5/Amd1:2014, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 1: Conformance testing methodology and clarification of defects, $224.00

ISO/IEC 25051:2014, Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Requirements for quality of Ready to Use Software Product (RUSP) and instructions for testing, $173.00

ISO/IEC 29147:2014, Information technology - Security techniques - Vulnerability disclosure, $173.00

ISO/IEC 19794-7:2014, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data, $240.00

ISO/IEC 20016-1:2014, Information technology for learning, education and training - Language accessibility and human interface equivalencies (HIEs) in e-learning applications - Part 1: Framework and reference model for semantic interoperability, $285.00

ISO/IEC/IEEE 8802-1AB:2014, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AB: Station and media access control connectivity discovery, $314.00

ISO/IEC/IEEE 8802-1AR:2014, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AR: Secure device identity, $224.00

ISO/IEC/IEEE 8802-1AS:2014, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AS: Timing and synchronization for time-sensitive applications in bridged local area networks, $314.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60384-1 Ed. 4.0 b:2008, Fixed capacitors for use in electronic equipment - Part 1: Generic specification, $351.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62280 Ed. 1.0 b:2014, Railway applications - Communication, signalling and processing systems - Safety related communication in transmission systems, $339.00

ELECTRIC WELDING (TC 26)

IEC 60974-10 Ed. 3.0 b:2014, Arc welding equipment - Part 10: Electromagnetic compatibility (EMC) requirements, $230.00

FIBRE OPTICS (TC 86)

IEC 62074-1 Ed. 2.0 en:2014, Fibre optic interconnecting devices and passive components - Fibre optic WDM devices - Part 1: Generic specification, $303.00

IEC 61754-30 Ed. 1.0 b:2014, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 30: Type CLIK connector series, $73.00

IEC 60793-1-51 Ed. 2.0 b:2014, Optical fibres - Part 1-51: Measurement methods and test procedures - Dry heat (steady state) tests, $31.00

IEC 60793-1-52 Ed. 2.0 b:2014, Optical fibres - Part 1-52: Measurement methods and test procedures - Change of temperature tests, $31.00

IEC 60793-1-53 Ed. 2.0 b:2014, Optical fibres - Part 1-53: Measurement methods and test procedures - Water immersion tests, $31.00

IEC 60794-5-10 Ed. 1.0 b:2014, Optical fibre cables - Part 5-10: Family specification - Outdoor microduct optical fibre cables, microducts and protected microducts for installation by blowing, $230.00

IEC 61300-2-42 Ed. 3.0 b:2014, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-42: Tests - Static side load for strain relief, $43.00

IEC 61300-3-52 Ed. 1.0 b:2014, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-52: Examinations and measurements - Guide hole and alignment pin deformation constant, CD, for 8 degree angled PC rectangular ferrule, single mode fibres, $43.00

FIRE HAZARD TESTING (TC 89)

IEC 60695-2-11 Ed. 2.0 b:2014, Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT), $85.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC 62065 Ed. 2.0 en:2014, Maritime navigation and radiocommunication equipment and systems - Track control systems - Operational and performance requirements, methods of testing and required test results, $363.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 62271-106 Ed. 1.0 b cor.1:2014, Corrigendum 1 - High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters, $0.00

IEC Technical Reports

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC/TR 62865 Ed. 1.0 en:2014, Multimedia home server systems - Relationship between the content usage contract and the digital rights permission code, $278.00

FIBRE OPTICS (TC 86)

IEC/TR 62349 Ed. 2.0 en:2014, Guidance of measurement methods and test procedures - Basic tests for polarization-maintaining optical fibres, $182.00

IEC Technical Specifications

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC/TS 62700 Ed. 1.0 en:2014, DC power supply for notebook computers, $206.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Accreditation Transfer

Genivar, Inc. to WSP Canada, Inc.

Comment Deadline: March 17. 2014

WSP Canada, Inc.
Steve Pelletier
1600 Boulevard, René-Lévesque Ouest
Montréal, QB H3H 1P9, Canada
Phone: 418-623-2254 #4106
E-mail: Steve.Pelletier@wspgroup.com

The ANSI Program for Greenhouse Gas Validation/Verification Bodies has approved a request from Genivar, Inc. to transfer its accreditation to WSP Canada, Inc. ANSI's Greenhouse Gas Validation/Verification Accreditation Committee granted Genivar, Inc. its initial accreditation on November 4, 2013. Genivar, Inc. officially changed its name to WSP Canada, Inc. on January 1, 2014.

WSP Canada, Inc.'s accreditation continues to be valid through November 4, 2016 for the following:

Standards:

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

Scopes:

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

Group 1 – GHG emission reductions from fuel combustion

Please send your comments by March 17, 2014 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW,11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

International Organization for Standardization (ISO)

Calls for US/TAG Participants

ISO/TC 34 – Food Products

The US TAG to the ISO Technical Committee on Food Products (TC 34) is in need of additional participants to represent all national interested parties in the development of international standards related to food and feed products. The work of the Committee spans the field of human and animal foodstuffs from production to consumption. Included in the scope of this field are animal/vegetable propagation materials, terminology, methods of test and analysis, food product specifications, food and feed safety, quality management and requirements for food packaging, storage and transportation.

Those interested in participation, please contact Brittany Helbling of AOCS at brittany.helbling@aocs.org for additional information.

ISO/TC 34/SC 16 – Horizontal Methods for Molecular Biomarker Analysis

The US TAG to the ISO Subcommittee on Horizontal Methods for Molecular Biomarker Analysis (TC 34/SC 16) is in need of additional participants to represent all national interested parties in the development of international standards related to biomarker testing methods as applied to foods, feeds, seeds and other propagules of food and feed crops. The work of the Subcommittee covers, but is not limited to, methodology for nucleic acids, proteins, varietal identification, and detection of plant pathogens.

Those interested in participation, please contact Brittany Helbling of AOCS at brittany.helbling@aocs.org for additional information.

ISO Proposal for a New Field of ISO Technical Activity

Domestic Gas Cooking Appliances

Comment Deadline: March 7, 2014

DIN (Germany) has submitted to ISO the attached proposal for a new field of ISO technical activity on Domestic gas cooking appliances, with the following scope statement:

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

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, March 7th, 2014.

International Electrotechnical Commission (IEC)

New Subcommittee Reporting to IEC/TC 8

IEC/SC 8A – Grid Integration of Large-Capacity Renewable Energy (RE) Generation

Comment Deadline: March 14, 2014

Draft Scope: Terms and definitions, renewable resource evaluation and generation prediction, general requirements of grid connection, planning and design, grid compliance test and evaluation, operation and maintenance, system-wide control and protection, analysis and assessment.

The U S National Committee has registered as a Participating Member and intends to actively participate. However, if the USNC is to remain a P-Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If no organization comes forward to become the TAG Administrator, then the USNC will be forced to relinquish P-Membership and become a Non-Member. If any entities are interested in the position of TAG Administrator, they are invited to contact Tony Zertuche, USNC Deputy General Secretary, by Friday, March 14, 2014, at tzertuche@ansi.org.

US EMC Standards Corp Relinquishes USNC TAG Administratorship for IEC/TC 1 – Terminology

The US EMC Standards Corp has announced to the USNC Office that it is relinquishing immediately its assignment as TAG Administrator for the following USNC Technical Advisory Group:

USNC TAG for IEC/TC 1 – Terminology

Scope: To sanction the terms and definitions used in the different electrotechnical fields and to determine the equivalence of the terms used in the different languages. As a consequence, to prepare an International Electrotechnical Vocabulary aiming at the standardization and coordination of the terms relating to electrical sciences and techniques for use in the technical language and literature, in teaching, in technical specifications and in commercial exchanges, and at giving their equivalents in the different languages.

If any entities are interested in being considered for assignment as TAG Administrator for this TAG, they are invited to contact Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org . The USNC Technical Management Committee (TMC) will consider the expressions of interest received and will allocate this assignment as appropriate. If no entity requests this assignment, the TMC will consider registering the USNC as a Non-Member of IEC/TC 1.

Meeting Notices

AHRI Meetings

Revision of AHRI Standard 550/590 (I-P) and 551/591 (SI), Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on February 27 at 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Rupal Choksi at rchoksi@ahrinet.org.

Development of AHRI Standard 1310P

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on March 7 at 10 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

Revision of AHRI Standard 550/590 (I-P) and 551/591 (SI), Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on March 13 at 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Rupal Choksi at rchoksi@ahrinet.org.

Revision of AHRI Standard 550/590 (I-P) and 551/591 (SI), Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on March 27 at 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Rupal Choksi at rchoksi@ahrinet.org.

Information Concerning

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Scope Extension

SNC-Lavalin, Inc.

Comment Deadline: March 17, 2014

SNC-Lavalin, Inc.
John Lindner
8648 Commerce Court
Burnaby, BC V5A 4N6
Tel: 604-662-3555 x 2656
Email: John.Lindner@snclavalin.com

On January 30, 2014, the ANSI Greenhouse Gas Validation/Verification Accreditation Committee (GVAC) voted to approve a scope extension for SNC-Lavalin, Inc. for the following:

Standards:
ISO 14065:*Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition*

Office: Burnaby, BC
Scopes:
Verification of assertions related to GHG emissions reductions & removals at the organizational level
Group 2 – Manufacturing
Group 3 – Power Generation
Group 6 – Metals Production
Group 7 – Chemical Production
Group 8 – Oil and gas extraction, production and refining including petrochemicals

Office: Longueuil, QC
Scopes:
Verification of assertions related to GHG emissions reductions & removals at the organizational level
Group 1 – General
Group 2 – Manufacturing
Group 3 – Power Generation
Group 5 – Mining and Mineral Production
Group 6 – Metals Production
Group 7 – Chemical Production
Group 8 – Oil and gas extraction, production and refining including petrochemicals

Please send your comments by March 17, 2014 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

BSR/ASHRAE/IES Addendum ac
to ANSI/ASHRAE/IES Standard 90.1-2013

4th Public Review Draft

Proposed Addendum ac to Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

4th Public Review (February 2014)
(Draft shows Proposed Changes to Previous Public Review Drafts)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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FOREWORD

This 4th PRD 3rd ISC removes the sealing requirements of 5.4.3.1 on all sides of the airspace. It still requires the airspace to be both inside of the Continuous Air Barrier and surrounded by normal building components on the other sides to minimize air movement into and out of the air space. It also adds a reference to determine the emittance of metalized film.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum ac to 90.1-2013

Revise the Standard as follows (IP and SI Units)

A9.4 Calculation Procedures and Assumptions. The following procedures and assumptions shall be used for all calculations. R-values for air films, airspaces, insulation, and building materials shall be taken from Sections A9.4.1 through A9.4.4 6, respectively. In addition, the appropriate assumptions listed in Sections A2 through A8, including framing factors, shall be used.

A9.4.1.3 Interior surfaces are surfaces within enclosed spaces.

A9.4.2 Airspaces. The R-value for airspaces shall be taken from Table A9.4A based on the effective emittance of the surfaces facing the airspace from Table A9.4B provided the following criteria are satisfied:

a) For airspaces utilizing an emittance of 0.82 or greater, the airflow into and out of the airspace is minimized.
Airflow shall be deemed minimized when the materials bounding the airspace are within the continuous air barrier and separated from the conditioned space. The airspace shall be an enclosed and unventilated cavity designed to minimize airflow into and out of the enclosed air space. Airflow shall be deemed minimized when the enclosed airspace is located on the interior of the continuous air barrier and bounded on all sides by building components.

b) For airspaces utilizing an emittance less than 0.82, the airspace is sealed on all sides in accordance with Section 5.4.3.1. Reflective insulation as defined in ASTM C1224, where used, shall be fitted closely around all non-heat producing components and taped or otherwise sealed to eliminate gaps or voids through which air, dust, or water vapor has the potential to pass.

c) Non-parallel spaces shall use the shortest average distance to determine the depth thickness of the airspace.

d) Airspaces less than 0.5 in. (13 mm) depth thickness shall have no R-value.

e) The R-value for 3.5 in. (89 mm) airspaces shall be used for airspaces of that thickness width or greater provided that that airspace does not exceed 12 in. (300 mm) between the surfaces at any point.

For material emissivity properties not listed in Table A9.4B, Equation A9.4.2 shall be permitted to calculate the effective emissivity for the airspace.
1/eeff = 1/e1 + 1/e2 – 1 (A9.4.2)
Where:
eeff = effective emittance for the airspace
e1= surface 1 emittance
e2= surface 2 emittance

Table A9.4.1.4-2, modify as follows:

Surface	**Emittance**	**Effective Emittance**	
		e and 0.9	**Both e**
Aluminum Foil Bright	0.05	0.05	0.03[a]
Metalized Film - Tested[b]	0.05	0.05	0.03[a]
Aluminum Sheet	0.12	0.12	0.06

[a]When referencing Table A9.4A, use an effective emittance of 0.05
[b]Tested Emittance in accordance with ASTM C1224 at 0.05 or less

Chapter 12, add:

ASTM C1224 – 11 standard specification for reflective insulation for building applications

BSR/ASHRAE/IES Addendum a
to ANSI/ASHRAE/IES Standard 90.1-2013

1st Public Review Draft

Proposed Addendum a to Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

1st Public Review (February 2014)
(Draft shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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BSR/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
First Public Review Draft

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FOREWORD

The revision to the definition of conditioned space in Section 3.2 reflects the reduction in loads due to greater energy efficiency in Chapter 5.

The revision to Section 5.1.2.1 makes the text consistent with the definitions in Section 3.2.

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Addendum a to 90.1-2013

Revise the Standard as follows (IP and SI Units)

Revise 3.2 as follows:

space: an *enclosed space* within a *building*. The classifications of spaces are as follows for the purpose of determining *building envelope* requirements:

conditioned space: a *cooled space*, *heated space*, or *indirectly conditioned space* defined as follows:

1. ***cooled space:*** an *enclosed space* within a building that is cooled by a cooling *system* whose sensible output capacity is greater than or equal to ~~exceeds 5~~ 3.4 Btu/h·ft^2 (~~15~~ 10 W/m^2) of floor area.
2. ***heated space:*** an *enclosed space* within a *building* that is heated by a heating *system* whose output capacity relative to the floor area is greater than or equal to the criteria in Table 3.1.

TABLE 3.1 Heated Space Criteria (IP Units)

Climate Zone	Heating Output (W/m^2)
1	≥ 15
2	≥ 15
3A, 3B	≥ ~~30~~ 27
3C	≥ 21
4A, 4B	≥ ~~45~~ 30
4C	≥ 24
5	≥ ~~45~~ 36
6	≥ ~~60~~ 42
7	≥ ~~60~~ 48

8	≥ ~~75~~ 57

2. **TABLE 3.1 Heated Space Criteria (SI Units)**

Climate Zone	Heating Output (W/m^2)
1	≥ 15
2	≥ 15
3A, 3B	≥ ~~30~~ 27
3C	≥ 21
4A, 4B	≥ ~~45~~ 30
4C	≥ 24
5	≥ ~~45~~ 36
6	≥ ~~60~~ 42
7	≥ ~~60~~ 48
8	≥ ~~75~~ 57

3. ***indirectly conditioned space:*** an *enclosed space* within a *building* that is not a *heated space* or a *cooled space*, which is heated or cooled indirectly by being connected to adjacent *space(s)* provided:

a. the product of the *U-factor(s)* and surface area(s) of the *space* adjacent to connected *space(s)* exceeds the combined sum of the product of the *U-factor(s)* and surface area(s) of the *space* adjoining the outdoors, *unconditioned spaces*, and to or from *semiheated spaces* (e.g., corridors) or

b. that air from heated or *cooled spaces* is intentionally transferred (naturally or mechanically) into the space at a rate exceeding 3 ach (e.g., atria).

semiheated space: an *enclosed space* within a *building* that is heated by a heating system whose output capacity is greater than or equal to 3.4 Btu/h·ft^2 (10 W/m^2) of floor area but is not a *conditioned space*.

unconditioned space: an *enclosed space* within a *building* that is not a *conditioned space* or a *semiheated space*. Crawlspaces, attics, and parking garages with natural or mechanical *ventilation* are not considered *enclosed spaces*.

Revise 5.1.2.1 as follows

5.1.2.1 Separate *exterior building envelope* requirements are specified for ~~each of three categories of *conditioned space*~~: (a) *nonresidential conditioned space*, (b) *residential conditioned space*, and (c) *semiheated space*.

BSR/ASHRAE/IES Addendum c
to ANSI/ASHRAE/IES Standard 90.1-2013

1st Public Review Draft

Proposed Addendum c to Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

1st Public Review (February 2014)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

Section 8.4.1 previously separated feeder conductors from branch circuits when limiting voltage drop. By specifying the same combined voltage drop over the combination of components, this proposal reduces first costs in certain projects while remaining neutral on energy costs.

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Addendum c to 90.1-2013

Revise the Standard as follows (I-P units)

Modify the standard as follows (IP and SI Units)

8.4 Mandatory Provisions

~~8.4.1 Voltage Drop~~

~~Exception: Feeder conductors and branch circuits that are dedicated to emergency services~~

~~8.4.1.1 Feeders. Feeder conductors shall be sized for a maximum voltage drop of 2% at design load.~~

~~8.4.1.2 Branch Circuits. Branch circuit conductors shall be sized for a maximum voltage drop of 3% at design load.~~

8.4.1 Voltage Drop. The conductors for feeders and branch circuits combined shall be sized for a maximum of 5% voltage drop total.

ASME B31.9-~~2011~~ 20XX

(Revision of ASME B31.9-~~2008~~ 2011)

Proposed Revision of:

Building Services Piping

ASME Code for Pressure Piping, B31

TENTATIVE
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OR WITHDRAWAL
Specific Authorization Required
for Reproduction or Quotation
ASME Codes and Standards

DRAFT 1/27/14

AN AMERICAN NATIONAL STANDARD

The American Society of
Mechanical Engineers

920.2.2 Test Loads on Spring Hangers. Load conditions for calculated operation of spring hangers should not take test loads into account. The hanger assembly, however, shall be capable of supporting the test load unless additional supports are provided during testing.

921 DESIGN OF PIPE-SUPPORTING ELEMENTS

921.1 General

Pipe-supporting elements shall be designed to carry the sum of all concurrently acting loads described in para. 920. Unless designed to anchor or restrain line movements by withstanding the resultant forces and moments, they shall permit free movement of the piping resulting from thermal expansion or other causes.

In addition, supports shall be so located and spaced as to protect the supported piping from excessive stress and distortion.

one-fourth

921.1.1 Materials and Stresses. Except as permitted herein, materials for pipe-supporting elements shall be listed in Mandatory Appendix I. Allowable stresses for pipe-supporting elements shall be one-fifth of the minimum tensile strength shown in Mandatory Appendix I. For carbon steel of unknown specification, the allowable stress shall not exceed 9,500 psi (65.5 MPa).

(a) Threaded Parts. The maximum safe loads shall be calculated on the root area of the threads of threaded parts.

(b) Allowable Overstress. An increase in allowable stress is permitted up to 80% of specified minimum yield strength during hydrostatic testing, not to exceed 24,000 psi (165.5 MPa) for carbon steel of unknown specification.

(c) Selection of Material. Hanger and support materials shall be compatible with the characteristics of the piping materials, so that neither shall adversely affect the other.

921.1.2 Hanger Adjustments. Hangers supporting piping NPS 2½ (DN 65) and larger shall be designed to permit adjustment after erection while supporting the load. Threaded parts for adjustment shall be in accordance with ASME B1.1.

Turnbuckles and adjusting nuts shall have full thread engagement. Threaded adjustments shall be provided with suitable locking devices.

921.1.3 Support Spacing

(a) Piping Stresses. Stresses in the piping due to support spacing shall not exceed the basic allowable stress S when computed on the basis of a support span twice as great as the actual span.

(b) Allowable Deflection. The allowable deflection of the pipe between supports shall not exceed the smaller of 0.25 in. (6.4 mm) or 15% of the outside diameter of the pipe, based on the weight of the pipe, service fluid (S.G. ≤ 1.0), and insulation.

(c) Spacing, Steel Pipe. Figure 921.1.3-1 shows the maximum recommended support spacing for standard weight Grade A, Grade B, and Schedule 10 pipe.

(d) Spacing, Other Materials. The maximum recommended support spacing for copper and plastic pipe is shown in Fig. 921.1.3-2.

(e) Limitations on Charts. The spans in Figs. 921.1.3-1 and 921.1.3-2 are based on limitations in paras. 921.1.3(a) and (b) and are not applicable where there are concentrated loads, i.e., valves, special fittings, etc. Spans and deflections are based on the simple beam formulas limiting the combined pressure and bending stress to the basic allowable stress for the material.

921.1.4 Springs. Springs used in spring hangers shall be designed and manufactured in accordance with MSS SP-58.

921.2 Fixtures

921.2.1 Anchors and Guides

(a) Requirements. Anchors, guides, pivots, and other restraints shall be designed to secure the piping at their respective locations against movement in specified planes or directions, while permitting free movement elsewhere. They shall be structurally suitable to withstand the thrusts, moments, and other imposed loads.

(b) Required Guides. Where bellows or slip-type expansion joints are used, anchors and guides shall be provided to direct expansion movement along the axis of the joint.

(c) Pipe Buckling. The column buckling strength of the pipe must be taken into consideration when determining guide spacing for expansion joints. This is especially true for small diameter lines. Maximum spacing of guides for any pipe material or thickness may be calculated using eq. (9):

(U.S. Customary Units)

$$L_S = 0.131\sqrt{E_m I/(PB + Q)} \qquad (9)$$

(SI Units)

$$L_S = 0.00157\sqrt{E_m I/(PB + Q)}$$

Q is positive for expansion joint compression and negative for expansion joint extension.

(d) Rolling or Sliding Supports. These supports shall permit free movement of the piping, or the piping shall be designed to include the imposed loads and friction forces of the supports. Materials and lubricants used in sliding supports shall be suitable for the metal temperature at the point of contact.

921.2.2 Other Rigid Supports

(a) Hanger Rods. Safe loads for hanger rods shall be based on the root area of threads and allowable stress for the material. In no case shall hanger rods less than ⅜ in. (9.5 mm) in diameter be used to support pipe

Comments on NECA 402, Recommended Practice for Installing and Maintaining Motor Control Centers

E: editorial, G: General, T: Technical Note: **Please do not re-size table**
ID: Company with comment # (do not automate comment #)

Page	Line	Clause	E/T/G	ID	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution
ALL	N/A		E	ARCOM	No page numbers	Add page numbers.	Accepted.
1.1 & 1.2			E/T	ARCOM	Reference standards are not consistently treated.	1. Italicize all titles. 2. Add (ANSI) after title of NFPA 70E title.	Accepted.
4.0			E	ARCOM	No reference to review manufacturer's installation instructions for any special storage instructions.	Add, as a separate paragraph at the end of 4.0, "Review manufacturer's installation instructions for any special storage requirements or conditions."	Accepted.
4.2		1st paragraph in section	T	ARCOM	Lifting capacity of equipment should include reference to *working load* instead of *lifting capacity.* See OSHA 3072.	1. Revise last sentence to read, "Refer to the packing list for the actual weight of each item, and verify that the ~~lifting capacity~~ *working load* of the handling equipment is more than the weight to be moved. *Follow guidelines for sling safety in OSHA 3072.*" 2. Add reference to OSHA 3702-1996 (Revised) – Sling Safety.	Accepted.
4.2		5th paragraph in section	E	ARCOM	Use of "etc." at end of last sentence is vague.	Replace "*etc*" with ", *and other movements that could damage the motor control center*."	Accepted.
4.2		7th paragraph	T	ARCOM	Manufacturer's provide straps/slings that are not rated for the maximum required lifting capacity?	Revise or delete "too heavy for the recommended capacity of the straps,".	Accepted.
6.2		5th paragraph	T	ARCOM	Lifting straps should be removed once the MCC is in place.	Remove "straps" so sentence reads, "Leave lifting hardware on the section if their removal is not required to join adjacent sections flush together."	Accepted.
6.7		1st paragraph	T	ARCOM	Use of "plan to" indicates that it is acceptable to install conductors in freezing conditions if freezing conditions were not forecast. Following this advice could result in cracked insulation and unacceptable megger test reults.	Remove "plan to" so sentence reads, "To prevent cracking or freezing of the insulation, install conductors at…"	Accepted.

Comments on NECA 402, Recommended Practice for Installing and Maintaining Motor Control Centers

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9.4.1		12th paragraph	T	ARCOM	Certified report is undefined.	1. Define certified report. 2. Define *certified technician* and include in Section 9.4 where appropriate.	Accepted in principle. Deleted requirement for certification.
9.4.1		ALL	T	ARCOM	No mention of NETA ATS or other acceptance testing.	Include references to NETA ATS, third party, or manufacturer supported testing and reports where appropriate in Section 9.	Accepted in principle. The recommended reference is made in the existing Paragraph 7 of Section 8.1.
9		4.2	E	Schneider	"…45-degree angle above horizon on lifting straps…" should say "horizontal"		Accepted.
9.4.6			G	Eaton's Bussmann	Remove the sentence in 9.4.6 about renewable fuses	Put instead: "Replace renewable fuses with modern current limiting fuses that fit into the same fuseclips."	Accepted.
5		1.2b	G	Henn Rebane, P.E.	Because this document is a "standard" and not a "recommended practice," "best practices," "guide," or "guideline," the word "shall" is used to indicate mandatory requirements. Any recommendations for what "should" be done belong in an annex. The resolution of this comment should follow the Resolution of this comment in the recent 411 Standard (This is copied from recent NECA-411 review comment by Schneider, which was "accepted."	a) All information in this publication is intended to conform to the National Electrical Code® (ANSI/NFPA Standard 70). Installers ~~should always~~ **shall** follow the NEC®, applicable state and local codes, and manufacturer's instructions when installing electrical equipment and systems ~~-~~**unless instructed in writing otherwise by Authority Having Jurisdiction.** b) Only qualified persons as defined in the NEC familiar with the construction and installation of electrical power distribution and control systems and equipment ~~should~~**shall** perform the technical work described in this publication. Administrative functions and other tasks can be performed under the supervision of a qualified person. All work ~~should~~**shall** be performed in accordance with NFPA 70E, Standard for Electrical Safety in the Workplace."	Accepted.

Comments on NECA 402, Recommended Practice for Installing and Maintaining Motor Control Centers

E: editorial, G: General, T: Technical Note: **Please do not re-size table**
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6		2.	T	Henn Rebane, P.E	The propsed change aligns the definition with NEMA ICS ICS-2001 (R2007). The revised definition is in line with the NECA 402 content, because the motor controllers in motor control centers are combination units.	Change the definition of the "Motor Control Center" as indicatd: An **floor-mounted** assembly of one or more enclosed vertical sections having a common horizontal power bus and principally containing **combination** motor control units.	Accepted.
7		3.1	T	Henn Rebane, P.E	The last paragraph of that clause does not provide for work in or around energized parts of MCCs. This standard should provide for this very real field condition. Additional clauses should be added, including the definition of "qualified person".		Accepted in principle. Definition of “qualified person” added to Section 2. Work in or around energized parts is addressed in Section 3.2, Safe Work Practices.
10		4.3	T	Henn Rebane, P.E	The second paragraph provides for outdoor storage of MCCs. Modern MCCs contain sensitive electrical and electronic equipment that should not be exposed to weather. In my opinion, tarps and plastic will not provide "watertight" covers, thus outdoor storage should not be permitted unless provided for in the construction contract or the MCC is factory rated for installation in a NEMA 3R or similar environment	Cover stored motor control centers with tarps or plastic protective covers to protect against dust, moisture, and corrosion, giving special consideration to horizontal bus runs and openings in shipping splits. If packing is removed, cover the top and any openings of the equipment during the construction period to protect against dust and debris until final assembly is completed. ~~If~~ outdoor storage of the motor control center is **not permitted**~~necessary, ensure that tarps or plastic protective covers are tightly secured to prevent tearing during wind gusts and severe weather conditions, and are watertight to protect against rain, snow, and condensation~~.	Accepted.

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

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

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Annex B

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B.4 Mechanical devices

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B.4.4.2 Point-of-entry systems and system components requiring exposure under pressure

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B.4.4.2.3 At the conclusion of the third exposure period, the sample volume shall be collected. ~~A minimum sample volume of 2 L shall be collected at each sample point. If the water holding volume of the product is greater than 2 L, the~~ The entire unit volume shall be collected in a suitable collection vessel, and subsamples for analysis obtained from this volume. ~~If the water holding volume of the product is less than 2 L, sufficient products shall be exposed to provide the required 2 L volume of extractant water (up to a maximum of eight).~~ When additional extraction water is needed to complete all analyses, additional samples shall be exposed.

B.4.4.2.~~5~~4 Systems with adsorptive or absorptive media shall be tested with and without the media. Testing without media shall include removal of the adsorptive or absorptive media from the system, as well as the removal of any non-media materials or ingredients that cannot be dissociated from the media or materials that would be released into the effluent of the system in the absence of the physical barrier provided by the media.

Reason: Revised per 2013 DWA-SC JC meeting discussion that analysis for some analytes, such as regulated metal, can be performed with significantly less than 2-L.

BSR/UL 644, Standard Container Assemblies for LP-Gas

1.3 Container assembly installations are intended to be made in accordance with the Liquefied Petroleum Gas Code ~~(National Fire Codes, Vol. 2)~~ (National Fire Protection Association), NFPA 58. They are not intended for use in chemical, petrochemical, petroleum, or utility power plants; nor pipeline or marine terminals; nor related storage facilities at such plants or terminals.

3.2 CONTAINER ASSEMBLY - An assembly consisting of a certified ASME Code container provided with fittings for all tank openings including a filler valve, a safety-relief valve, a service-line shutoff valve, excess flow valves, a liquid-level gauging device, and a protective housing. It may include a pressure regulator or a liquid withdrawal valve. When necessary, a copper tubing pigtail is provided for making a connection between the outlet of the service-line shutoff valve and the regulator. A vapor-return valve, a pressure gauge, and a copper tubing connector for making connection between the outlet of the regulator and the fuel service piping may be included in the assembly. Several or all of the parts may be incorporated in the assembly of a multiple-head unit.

BSR/UL 817, Standard for Safety For Cord Sets and Power-Supply Cords

1. Addition of Requirements for Cord Sets and Power-Supply Cords Employing Supplemental Circuitry Such as a USB Charging Circuit

14A Supplementary Circuit

14A.1 A supplementary charging circuit provided in a general purpose cord set or power-supply cord shall comply with the requirements of the Standard for Class 2 Power Units, UL 1310.

14A.2 A supplementary charging circuit provided in a special-use power-supply cord intended for ITE equipment shall comply with the requirements of the Standard for Class 2 Power Units, UL 1310, or the Standard for Information Technology Equipment Safety - Part 1: General Requirements, UL 60950-1.

2. Addition of Requirements for Cord Sets and Special-Use Power-Supply Cords Employing a Remote Control Function

1.4.2 These requirements cover devices with remote control features that comply with the Standard for Solid-State Controls for Appliances, UL 244A. See also Devices Employing Remote Control Features, Section 14B. Compliance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills these requirements.

14B Devices Employing Remote Control Features

14B.1 In addition to the requirements of this standard, general-purpose cord sets and special-use power-supply cords employing remote control features shall comply with the Standard for Solid-State Controls for Appliances, UL 244A. Compliance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills these requirements.

14B.2 The electrical tungsten rating of the switching device shall be greater than or equal to the rating of the cord set or power-supply cord.

14B.3 The switching device shall be capable of controlling up to and including a ½ HP motor. If the cord set or special-use power-supply cord is not intended for use with a motor load, the unit shall be marked as noted in 23.21 or 63.10, respectively.

14B.4 The output shall not only be controlled by the remote controller. A separate individual switch/interface shall be provided on the unit to disconnect the main power of the device.

14B.5 If the switch is not used to directly control the load fitting, it shall be either a general-use snap switch that complies with the Standard for General-Use Snap Switches, UL 20 , or a special-use switch that complies with the Standard for Special-Use Switches, UL 1054, or the Standard for Switches for Appliances - Part 1: General Requirements, UL 61058-1. The switch shall have a voltage and current rating suitable for the application. When the switch is used to directly control a load fitting, it shall be AC tungsten rated and have an electrical rating equal to or greater than the rating of the cord set or power-supply cord. These requirements apply to all switching mechanisms such as relays, supplementary protectors, and switches which contain symbols, words, or letters meaning ON/OFF.

14B.6 A general-use cord set employing a remote control feature shall be marked in accordance with 23.19 and 23.20.

14B.7 A special-use power supply cord employing a remote control feature shall be marked in accordance with 63.8 and 63.9.

23.19 A general-use cord set employing a remote control feature shall be molded or hot stamped on the device body with the following or equivalent, "Remote Controlled Device". Lettering shall not be less than 3/32 inch (2.4 mm) high.

23.20 A general-use cord set employing a remote control feature shall be marked, "WARNING" and the following or the equivalent, "The general-use cord set could turn on unexpectedly without the user being present. To Reduce the Hazardous Condition - Unplug the appliance that is plugged into the receptacle(s) of the device before servicing." Lettering shall not be less than 3/32 inch (2.4 mm) high and shall either be molded or hot stamped on the remote control device with letters not less than 1/20 inch (1.3 mm) high so as to be visible during use, or be provided on a permanent tag attached to the flexible cord. The leading edge of the tag shall be located within 3 inches (76.2 mm) of the point where the cord enters the body of the remote control device. The tag shall be attached in a manner that it cannot be easily removed. The tag shall have the added marking in letters not less than 3/32 inch (2.4 mm) high: "Do not remove this tag."

23.21 A general-use cord set not intended for use with a motor load shall be marked, "WARNING" and the following or the equivalent, "This general-use cord set is not to be used with a motor load." Lettering shall not be less than 3/32 inch (2.4 mm) high and shall either be molded or hot stamped on the remote control device with letters not less than 1/20 inch (1.3 mm) high so as to be visible during use, or be provided on a permanent tag attached to the flexible cord. The leading edge of the tag shall be located within 3 inches (76.2 mm) of the point where the cord enters the body of the remote control device. The tag shall be attached in a manner that it cannot be easily removed. The tag shall have the added marking in letters not less than 3/32 inch (2.4 mm) high: "Do not remove this tag."

63.8 A special-use power-supply cord employing a remote control feature shall be molded or hot stamped on the device body with the following or equivalent, "Remote Controlled Device". Lettering shall not be less than 3/32 inch (2.4 mm) high.

63.9 A special-use power-supply cord employing a remote control feature shall be marked, "WARNING" and the following or the equivalent, "The special-use cord set could turn on unexpectedly without the user being present. To Reduce the Hazardous Condition - Unplug the appliance that is plugged into the receptacle(s) of the device before servicing." Lettering shall not be less than 3/32 inch (2.4 mm) high and shall either be molded or hot stamped on the remote control device with letters not less than 1/20 inch (1.3 mm) high so as to be visible during use, or be provided on a permanent tag attached to the flexible cord. The leading edge of the tag shall be located within 3 inches (76.2 mm) of the point where the cord enters the body of the remote control device. The tag shall be attached in a manner that it cannot be easily removed. The tag shall have the added marking in letters not less than 3/32 inch (2.4 mm) high: "Do not remove this tag."

63.10 A special-use power supply cord not intended for use with a motor load shall be marked, "WARNING" and the following or the equivalent, "This special-use power supply cord is not to be used with a motor load." Lettering shall not be less than 3/32 inch (2.4 mm) high and shall either be molded or hot stamped on the remote control device with letters not less than 1/20 inch (1.3 mm) high so as to be visible during use, or be provided on a permanent tag attached to the flexible cord. The leading edge of the tag shall be located within 3 inches (76.2 mm) of the point where the cord enters the body of the remote control device. The tag shall be attached in a manner that it cannot be easily removed. The tag shall have the added marking in letters not less than 3/32 inch (2.4 mm) high: "Do not remove this tag."

BSR/UL 924, Standard for Safety for Emergency Lighting and Power Equipment

3. Clarification of sign definitions with regard to text and graphical symbol options and the difference between EXIT and other types of sign legends

4.21 FULL-SIZE ILLUMINATED LEGEND - A text-based legend ~~that provides illuminated letters of minimum 6 inches (152 mm) high by 2 inches (51 mm) wide (except for the letter "I"), with a 3/4 inch (19.1 mm) stroke width~~ whose dimensions conform to Table 40A.2, or a graphical symbol legend whose dimensions conform to Figures 40B.2 and 40B.3.

9. Disconnect means for equipment with batteries and remote load connections

31.2 Equipment with batteries and having provision for connection of remote equipment shall have means (switches, fuses, wiring device connectors, or similar) to disconnect all remote equipment from both the normal and emergency supply sources. The disconnecting means shall be accessible only to service personnel and shall open all conductors that represent a risk of fire or electric shock.

10. Graphical symbol exit signs

Figure 40B.3 (CURRENT)
Minimum dimensions for specific elements of the arrow

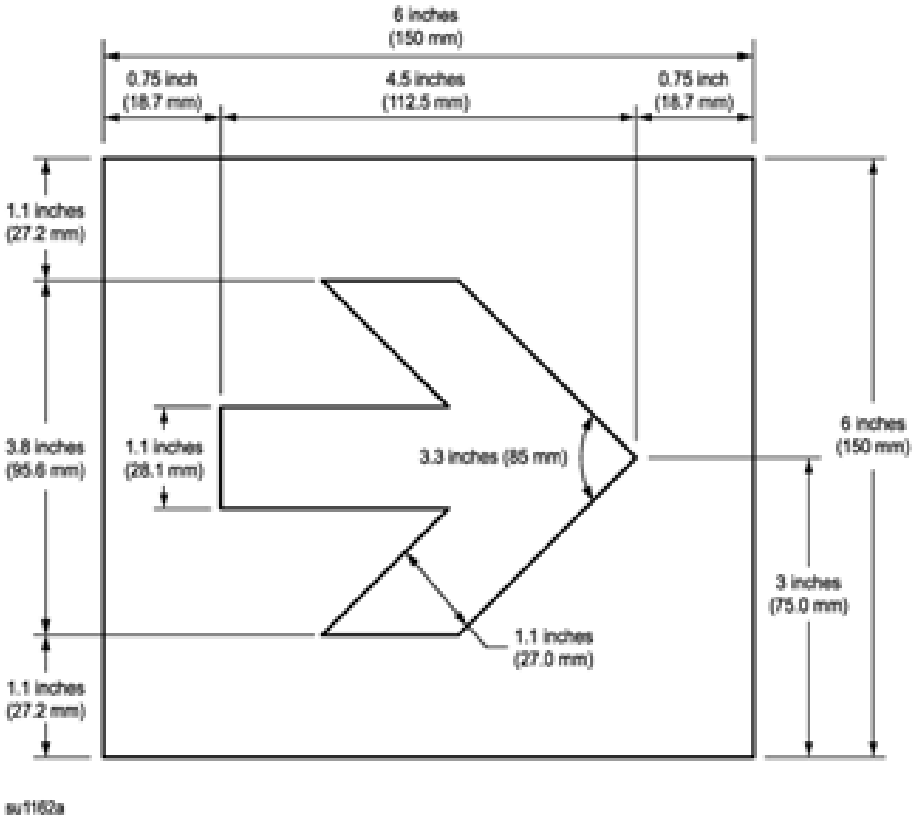
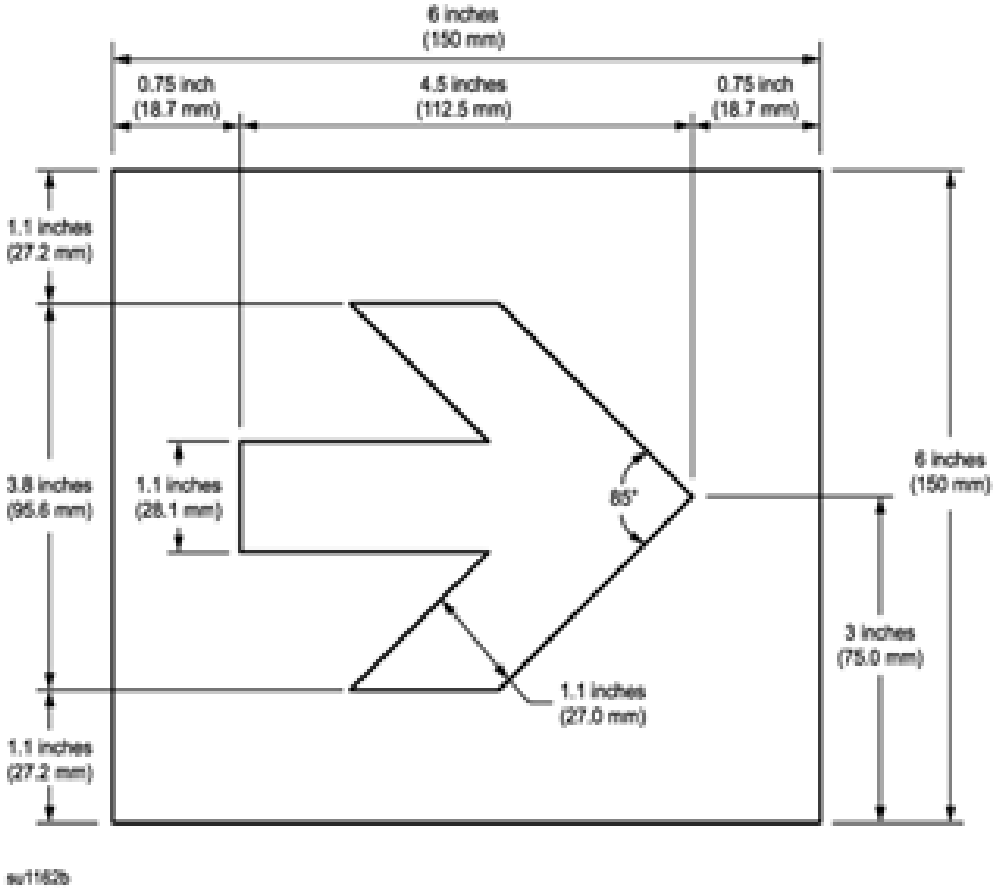


Figure 40B.3 (PROPOSED)
Minimum dimensions for specific elements of the arrow



BSR/UL 1254, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing Systems Units

1. Pressure vessel requirements

PROPOSAL

10.2 The requirements in this section do not apply to a rechargeable pressure vessel marked as complying with local transport requirements, such as, U.S. Department of Transportation (DOT) or ASME specifications, unless otherwise specifically indicated.

10.3 An extinguishing system unit pressure vessel intended to be shipped with pressurization shall be designed, constructed, inspected, marked, and certified in accordance with applicable regulations governing the transport of dangerous goods or hazardous materials ~~under the jurisdiction of the DOT shall comply with the appropriate DOT specifications for shipping containers~~.

10.4 An extinguishing system unit pressure vessel intended to be shipped without pressurization shall ~~not~~ be designed, constructed, inspected, marked, and certified in accordance with pressure vessel codes and/or standards that are applicable to its intended use as required by local, state, regional, national, and/or international regulations, as applicable ~~Section VIII, Pressure Vessels, of the ASME Boiler and Pressure Vessel Code unless it is not intended to be shipped filled, and pressurized, and it has been designed, constructed, inspected, and certified to the code~~.

BSR/UL 1577, Standard Optical Isolators

1) Proposed revision to 1.3 for Double Protection Optical Isolators in circuits rated up to 250V.

1.3 These requirements also cover double protection optical isolators that are employed in circuits rated up to 250 ~~nominal 125~~ V, 50 or 60 Hz ~~circuits~~ in radio, video, and television equipment, and similar equipment in applications in which breakdown of the optical isolator may result in a risk of fire, electric shock, or injury to persons.

2) Proposed revision to 16.2 and deletion of 16.2.1 for consistency in dielectric testing for optical isolators.

16.2 The production-line test potential ~~for other than double protection optical isolators~~ shall be the rated dielectric isolation voltage for 60 seconds or 120 percent of the rated dielectric isolation voltage for one second.

~~16.2.1 For a double protection optical isolator, the test potential is to be the rated isolation rms voltage or 2500 Vrms, whichever is greater, applied for one second.~~

BSR/UL 2129, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers

Proposal to modify 1-year leak check for clean agents:

48.2 Twelve sample extinguishers charged with their rated capacity are to be tested; six in a vertical position and six in a horizontal position and their pressure and weight checked after 1, 3, 6, and 12 months. Any loss in pressure is an indication of leakage. When indicated, the leakage shall not exceed the rate when the pressure drops to the lower limit of the operable pressure range in 1 year. ~~Half of the samples of rechargeable extinguishers are to be discharged and recharged at the 3 month and 6 month points during the one-year test period.~~ After 1 year, each extinguisher is to be discharged, and examined for deterioration of internal parts exposed to the clean agent.