ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: July 18, 2010

AGA (ASC Z223) (American Gas Association)

Addenda

BSR Z223.1b-2010, National Fuel Gas Code (addenda to ANSI Z223.1-2009)

Replaces section 8.3 and Annex A.8.3 regarding fuel gas piping purging requirments. The National Fuel Gas Code is used to judge the acceptablility of natural gas and propane installations.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Paul Cabot, (202) 824-7312, pcabot@aga.org

Comment Deadline: August 2, 2010

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC H-25-200x, Portable Gasoline Fuel Systems (new standard)

Provides a guide for the design, construction, and stowage of portable tanks with related fuel lines and accessories comprising a portable gasoline fuel system for boats.

Single copy price: $ 50.00

Order from: www.abycinc.org

Send comments (with copy to BSR) to: comments@abycinc.org

ADA (American Dental Association)

Reaffirmations

BSR/ADA Specification No. 101-2001 (R201x), Root Canal Instruments: General Requirements (reaffirmation of ANSI/ADA 101-2001)

Specifies requirements and test methods for hand or mechanically operated instruments for root canal shaping and cleaning having designs or materials which are not included within the provisions of ANSI/ADA Specification Nos. 28 and 58. Generally this specification includes root-canal instruments having 2% tapers with diameter sizes not included within Specifications Nos. 28 and 58; root-canal instruments having tapers other than 2%; and root-canal instruments having other shapes.

Single copy price: $56.00

Obtain an electronic copy from: standards@ada.org

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

Send comments (with copy to BSR) to: Same

BSR/ADA Specification No. 25-2000 (R201x), Dental Gypsum Products (reaffirmation of ANSI/ADA 25-2000 (R2005))

Gives a classification of and specifies requirements for dental gypsum products used for dental purposes, such as making oral impressions, molds, casts or dies. This standard specifies the test methods to be employed to determine compliance with these requirements. It also includes requirements for the labeling of packaging and for adequate instructions to accompany each package.

Single copy price: $58.00

Obtain an electronic copy from: standards@ada.org

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

Send comments (with copy to BSR) to: Same

BSR/ADA Specification No. 30-2000 (R201x), Dental Zinc Oxide - Eugenol and Zinc Oxide - Non-Eugenol Cements (reaffirmation of ANSI/ADA 30-2000 (R2005))

Specifies the requirements and test methods for zinc oxide-eugenol or zinc oxide-noneugenol cements supplied as two separate components that may be either powder/liquid or paste/paste and are suitable for use in the oral cavity. These nonaqueous cements may contain eugenol or an aromatic oil, compounds capable of reacting with zinc oxide - such as accelerators - and gums, resins, and inert inorganic fillers.

Single copy price: $62.00

Obtain an electronic copy from: standards@ada.org

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

Send comments (with copy to BSR) to: Same

BSR/ADA Specification No. 32-2006 (R201x), Orthodontic Wires (reaffirmation of ANSI/ADA 32-2006)

Specifies requirements and test methods for wires to be used in fixed and removable orthodontic appliances. This standard includes preformed orthodontic archwires but excludes springs and other preformed components.

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 BSR) to: Same

BSR/ADA Specification No. 37-2001 (R201x), Dental Abrasive Powders (reaffirmation of ANSI/ADA 37-2001 (R2005))

Provides a specification is powered abrasive materials used in dentistry for removing strains and gross scratches from natural tooth structures and prostheses, but not including materials used in laboratory blasting processes. These materials are divided into types depending on the intended manner of use and further subdivided into classes based upon the predominant abrasive agent present in the product.

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 BSR) to: Same

BSR/ADA Specification No. 62-2005 (R201x), Dental Abrasive Pastes (reaffirmation of ANSI/ADA 62-2005)

Provides a specification for in-office abrasive pastes used in dentistry for removing stains and other exogenous materials from natural tooth structures and prostheses.

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 BSR) to: Same

BSR/ADA Specification No. 70-1999 (R201x), Dental X-Ray Protective Aprons and Accessory Devices (reaffirmation of ANSI/ADA 70-1999 (R2005))

Applies to dental X-ray protective aprons and accessory devices, such as thyroid collars and thyroid shields used in dentistry that protect the patient, as much as feasible, from the harmful effects of dental diagnostic X-radiation. This standard specifies the requirements for X-radiation absorption and the areas of anatomy that the aprons and thyroid collars protect.

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 BSR) to: Same

AIHA (ASC Z9) (American Industrial Hygiene Association)

Revisions

BSR AIHA Z9.10-201x, Fundamentals Governing the Design and Operation of Dilution Ventilation Systems in Industrial Occupancies (revision of ANSI AIHA Z9.10-2007)

Establishes minimum requirements for the commissioning, design, specification, construction, installation, management, operation, maintenance and testing of dilution ventilation systems (including demand dilution ventilation) used for the reduction, prevention and control of employee exposure to harmful airborne substances in the industrial environment. This standard establishes minimum requirements to provide safe and healthful working conditions in industrial employee occupancies.

Single copy price: Free

Obtain an electronic copy from: Mili Mavely - mmavely@aiha.org

Order from: Mili Mavely, (703) 846-0794, mmavely@aiha.org

Send comments (with copy to BSR) to: Same

ANS (American Nuclear Society)

New Standards

BSR/ANS 2.17-200x, Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Production Facilities (new standard)

Establishes the requirements for evaluating the occurrence and movement of radionuclides in the subsurface resulting from abnormal radionuclide releases at commercial nuclear power production facilities.

Single copy price: $35.00

Obtain an electronic copy from: orders@ans.org

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

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

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

New Standards

BSR/APCO 3.103.1-200x, Minimum Training Standards for Public Safety Telecommunicators (new standard)

Identifies the minimum training requirements for both new and veteran Public Safety Telecommunicators. This position is typically tasked with receiving, processing, transmitting, and conveying public safety information to dispatchers, law enforcement officers, fire fighters, emergency medical and emergency management personnel. This document seeks to define training in certain knowledge and skills for the Agency to provide to Telecommunicators.

Single copy price: Free

Obtain an electronic copy from: standards@apcointl.org or www.apcostandards.org

Order from: Amanda Byrd, (386) 944.2446, byrda@apcointl.org

Send comments (with copy to BSR) to: Same

API (American Petroleum Institute)

New National Adoptions

BSR/API Standard 619-201x, Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical and Natural Gas Industries (identical national adoption and revision of ANSI/API 619-2004)

Covers the minimum requirements for dry and oil-flooded helical-lobe rotary compressors used for vacuum or pressure or both in petroleum, chemical, and gas industry services. This standard is primarily intended for compressors that are in special-purpose applications, and is not applicable to general-purpose air compressors, liquid-ring compressors, or vane-type compressors.

Single copy price: Free

Obtain an electronic copy from: mensingt@api.org

Order from: Tiffany Mensing, (202) 682-8190, mensingt@api.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31Q-201x, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2006)

Establishes the requirements for developing and implementing an effective Pipeline Personnel Qualification Program (qualification program) utilizing accepted industry practices. This standard also offers guidance and examples of acceptable practices to meet selected requirements. It 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 BSR) to: Paul Stumpf, (212) 591-8536, stumpfp@asme.org

BSR/ASME BPVC Section I-201x, Rules for Construction of Power Boilers (02/04/10 Meeting) ANSI/ASME BPVC Revision: 2000 Addenda)

Covers rules for construction of power boilers, electric boilers, miniature boilers, high-temperature water boilers, heat-recovery steam generators, and certain fired pressure vessels to be used in stationary service and include those power boilers used in locomotive, portable, and traction service. The rules are applicable to boilers in which steam or other vapor is generated at a pressures exceeding 15 psig (100 kPa), and high temperature water boilers intended for operation at pressures exceeding 160 psig (1.1 MPa) and/or temperatures exceeding 250 degree F (120 degree C).

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 BSR) to: Umberto D'Urso, (212) 591-8535, dursou@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS D1.4/D1.4M:200x, Structural Welding Code - Reinforcing Steel (revision of ANSI/AWS D1.4/D1.4M-2005)

Covers the requirements for welding reinforcing steel in most reinforced concrete applications. This standard contains a body of rules for the regulations of welding reinforcing steel and provides suitable acceptance criteria for such welds.

Single copy price: $43.50

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

BHMA (Builders Hardware Manufacturers Association)

New Standards

BSR/BHMA A156.36-201x, Auxiliary Locks (new standard)

Establishes requirements for auxiliary locks, and includes dimensional criteria and five classifications of tests: operational, cycle, strength, security and, finish. This standard was formerly part of ANSI/BHMA A156.5, Auxiliary Locks and Associated Products.

Single copy price: $18.00 (BHMA members)/$36.00 (nonmembers)

Order from: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com; TCadet@kellencompany.com

Send comments (with copy to BSR) to: Same

Revisions

BSR/BHMA A156.8-201x, Door Controls - Overhead Stops and Holders (revision of ANSI/BHMA A156.8-2005)

Establishes requirements for overhead door stops and holders, and includes performance tests covering operational, cyclical, strength, and finish criteria.

Single copy price: $18.00 (BHMA members)/$36.00 (nonmembers)

Order from: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com; TCadet@kellencompany.com

Send comments (with copy to BSR) to: Same

CEA (Consumer Electronics Association)

New Standards

BSR/CEA CEDIA 897-201x, F-Connector Color Coding for Home Television Systems (new standard)

Defines the colors marking F-Connectors commonly used for electronic devices in a home television system.

Single copy price: $48.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Catrina Akers, (703) 907-7060, cakers@ce.org

CSA (CSA America, Inc.)

Reaffirmations

BSR Z21.63-2000 (R201x), American National Standard/CSA Standard for Portable Camp Heaters (same as 2000/CSA 11.3) (reaffirmation of ANSI Z21.63-2000 (R2005), ANSI Z21.63a-2001, and ANSI Z21.63b-2003)

Details test and examination criteria for unvented portable camp heaters or the infrared type only up to and including a maximum input of 12,000 Btuh (3.52 kW) using propane, butane, and liquefied petroleum gases and mixtures thereof and intended for outdoor use. This standard applies to camp heaters having regulated or nonregulated pressure and intended for direct or remote connection to the fuel container.

Single copy price: $720.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

Send comments (with copy to BSR) to: Same

BSR Z21.72-2000 (R201x) includes addenda A & B, American National Standard/CSA Standard for Portable Type Gas Camp Stoves (same as 2000/CSA 11.2-M00) (reaffirmation of ANSI Z21.72-2000 (R2005) includes addenda A & B)

Details test and examination criteria for portable camp cook stoves for use with propane HD-5 only, having input ratings of 12,000 Btu per hour or less and intended for use both indoors in adequately ventilated structures and outdoors. This standard applies to stoves designed for self-contained fuel supplies using fuel cylinders of not more than 75 cubic inches (2-1/2 pounds nominal water capacity).

Single copy price: $710.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standards

BSR/SCTE 166-201x, Flexure Method for Drop Cable Conditioning (new standard)

Provides a method of flex fatigue for accelerating the degradation of coaxial drop cable in the laboratory environment. The degradation observed, as measured by various performance criteria (shield effectiveness, DC resistance, etc.), is not intended to predict life expectancy of the cable under test (CUT). The test data obtained is for relative comparison purposes only.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 464-201x, Standard for Audible Signal Appliances (revision of ANSI/UL 464-2009)

This standard establishes requirements for Exit Marking Audible Notification Appliances.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 46.9-201x, PMC/XMC Rear I/O Fabric Signal Mapping on 3U and 6U VPX Modules Standard (new standard)

Defines PMC or XMC mezzanine rear I/O pin mappings to VITA 46.0 plug-in module backplane connectors.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: John Rynearson, (480) 837-7486, techdir@vita.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: August 17, 2010

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

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

New Standards

BSR/IAPMO Z600/CSA B125.5-201x, Flexible Water Connector with Excess Flow Shutoff Device (new standard)

Establishes a generally acceptable standard for flexible water connectors that incorporate an excess flow shut-off mechanism used in water systems under continuous pressure and in accessible locations only. The intent of such devices is to protect personal property and building structures against water damage caused by accidental breakage or rupture.

Single copy price: Free

Obtain an electronic copy from: https://review.csa.ca/opr/opr_list.asp

Order from: Maribel Campos, (909) 472-4106, maribel.campos@iapmort.org

Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

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

INCITS/ISO/IEC TR 19797:2004, Information technology - Office machines - Device output of 16 colour scales, output linearization method (LM) and specification of the reproduction properties (identical national adoption of ISO/IEC TR 19797:2004)

INCITS/ISO/IEC TR 24705:2005, Information technology - Office machines - Machines for colour image reproduction - Method of specifying image reproduction of colour devices by digital and analog test charts (identical national adoption of ISO/IEC TR 24705:2005)

UL (Underwriters Laboratories, Inc.)

BSR/UL 283-201x, Standard for Safety for Air Fresheners and Deoderizers (revision of ANSI/UL 283-2009)

Comment Deadline: July 18, 2010

ISA (ISA)

ISA TR75.25.02-2000 (R2010), Control Valve Response Measurement from Step Inputs (TECHNICAL REPORT) (technical report)

Describes the characteristic response of a control valve to step input signal changes. This technical report considers the factors that affect this response, the impact of the response on the quality of process control, and the appropriate control valve specifications. In this document, a control valve is the complete control valve body, with actuator and any accessories required for normal operation assembled and ready for use.

Single copy price: $55.00

Order from: Eliana Beattie, (919) 990-9228, ebeattie@isa.org

Send comments (with copy to BSR) to: Same

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI B7.1-2000, The Use, Care, and Protection of Abrasive Wheels

ANSI B28.1-2000, Safety Specifications for Mills and Calenders in the Rubber Industry

ANSI B212.2-1984 (R1999), Carbide Seats Used with Indexable Inserts for Clamp Type Holders

ANSI B212.7-1993 (R1999), Cutting Tools - Threaded Fasteners Used in the Carbide Tooling Industry

ANSI B212.10-2000, Cutting Tools - Precision Indexable Insert Cartridges - Type A

ANSI C29.2-1992 (R1999), Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type

ANSI C37.06-2000, Switchgear - AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities

ANSI C37.06.1-2000, High-Voltage Circuit Breakers Rated on a Symetrical Current Basis Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times

ANSI C37.46-2000, Power Fuses and Fuse Disconnecting Switches, Specifications for

ANSI C37.47-2000, Distribution Fuse Disconnecting Switches, Fuse Supports, and Current-Limiting Fuses, Specifications for

ANSI C37.50-1989 (R2000), Switchgear - Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures

ANSI C50.41-2000, Polyphase Induction Motors for Power Generating Stations

ANSI K61.1 (CGA G-2.1)-1999, Safety Requirements for the Storage and Handling of Anhydrous Ammonia

ANSI N13.1-1999, Sampling Airborne Radioactive Materials in Nuclear Facilities, Guide to

ANSI N13.6-1999, Occupational Radiation Exposure Records Systems, Practice for

ANSI N13.52-1999, Personnel Neutron Dosimeters (Neutron Energies Less Than 20 MeV)

ANSI/ADA 34-1978 (R2000), Dental Aspirating Syringes

ANSI/ADA 34a-1981 (R2000), Dental Aspirating Syringes

ANSI/AIAA G-034-1999, Guide to Reference and Standard Ionosphere Models

ANSI/AIAA S-061-1998, Commercial Launch Safety

ANSI/AIAA S-080-1998, Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components

ANSI/AIIM MS6-1993 (R1999), Microfilm Packaging Labeling

ANSI/AIIM MS26A-1999, 35-mm Planetary Cameras (Top-Light) - Procedures for Determining Illumination Uniformity of Microfilming Engineering Drawings

ANSI/AIIM MS40-1987 (R1999), Microfilm - Computer Assisted Retrieval (CAR) Interface Commands

ANSI/AIIM MS48-1999, Recommended Practice for Microfilming Public Records on Silver-Halide Film

ANSI/AIIM MS62-1999, Recommended Practice for COM Recording Systems Having an Internal Electronic Forms Generating System - Operational Practices for Inspection and Quality Control

ANSI/AIIM MS66-1999, Metadata for Interchange of Files on Sequential Storage Media between File Storage Management Systems (FSMS)

ANSI/ANS 3.1-1993 (R1999), Selection, Qualification, and Training of Personnel for Nuclear Power Plants

ANSI/ANS 18.1-1999, Nuclear Power Plants - Source Term Specification

ANSI/ANS 19.4-1976 (R2000), Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification, Guide for

ANSI/API 553-1999, Refinery Control Valve

ANSI/API 614-1999, Lubrication, Shaft-Sealing, and Control-Oil Systems for Special-Purpose Applications

ANSI/API 685-1999, Sealless Centrifugal Pumps for Petroleum, Heavy Duty Chemical and Gas Industry Services

ANSI/API 1104-1999, Welding of Pipelines and Related Facilities

ANSI/API RP-11S1-1998, Electrical Submersible Pump Teardown Report

ANSI/API RP 2RD-1998, Recommended Practice for the Design of Risers for Floating Production Systems (FPSs) and Tension-Leg Platforms (TLPs)

ANSI/ASTM D1030-1999, Test Method for Fiber Analysis of Paper and Paperboard

ANSI/ASTM E1261-2000, Selection and Calibration of Dosimetry Systems for Radiation Processing, Guide for (12.02)

ANSI/ASTM F402-1999, Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings

ANSI/AWS B1.11-2000, Guide for the Visual Inspection of Welds

ANSI/AWS D3.6M-1999, Underwater Welding

ANSI/AWS D10.4-86 (R2000), Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing, Recommended Practices for

ANSI/AWS D10.6-2000, Gas Tungsten Arc Welding of Titanium Piping and Tubing, Recommended Practice for

ANSI/CAGI ADF 400-1999, Testing and Rating Coalescing Filters

ANSI/CAGI ADF 500-1998, Measurement of Absorbtion Capacity of Oil Vapor Removal Absorbent Filters

ANSI/EIA 364-17B-1999, Electric Connectors - Temperature Life With or Without Electrical Load Test Procedure for Electrical Connectors

ANSI/EIA 540CAAD-A-1999, Detail Specification for 2-Pole, 5A Relay Sockets

ANSI/EIA 540CAAE-A-1999, Detail Specification for 3-Pole 10A Relay Sockets

ANSI/EIA 540HAAA-2000, Detail Specification for Burn-In Sockets Used with Ball Grid Array Devices for Use in Electronic Equipment

ANSI/EIA 540DBAA-1994 (R1999), Detail Specification for Decoupling Capacitor Dual-In-Line Package Sockets for Use in Electronic Equipment

ANSI/EIA 700AOAE-2000, Detail Specification for Trapezoidal Connectors with Non-Removable Ribbon Cable Contacts on 1.27 mm Pitch Double Row Used with Single Connector Attachments (SCA2)

ANSI/EIA 700BAAD-2000, Detail Specification for Shielded Rectangular Connectors for Universal Serial Bus Plus Power Connectors Series "A"

ANSI/EIA 700BAAE-2000, Detail Specification for Shielded Rectangular Connectors for Universal Serial Bus Plus Power Connectors Series "B"

ANSI/EIA 740-1999, Specification for Small Form Factor 88.9 mm (3.5 in) Disk Drives

ANSI/EIA 743-1999, Usable Screen Dimensions for Monochrome Display Tubes

ANSI/EIA 773-2000, Checklist for Documentation Development and Revision

ANSI/EIA 830-2000, Model for Integrating Metrics into the Procurement Process

ANSI/EIA 540J0AA-2000, Detail Specification for Cylindrical Battery Holders, Standard Profile, for use in Electronic Equipment

ANSI/EIA 580A0AB-1999, Detail Specification for Fixed Metallized Polyethylene Terephthalate Film Dielectric DC Capacitors Radial-Leaded

ANSI/HI 1.4-2000, Centrifugal Pumps - Nomenclature, Definitions, Application and Operation

ANSI/HI 1.6-2000, Centrifugal Pump Test

ANSI/HI 2.6-2000, Vertical Pump Test

ANSI/HI 3.6-2000, Rotary Pump Test

ANSI/HI 4.1-4.6-2000, Sealless Rotary Pumps - Nomenclature, Definitions, Applications, Operation and Test

ANSI/HI 5.1- 5.6-2000, Sealless Centrifugal Pumps for Nomenclature, Definitions, Application, Operation and Test

ANSI/HI 6.6-2000, Reciprocating Pump Test

ANSI/HI 6.1-6.5-2000, Reciprocating Power Pump Standards for Nomenclature, Definitions, Application, and Operation

ANSI/HI 8.1-8.5-2000, Direct Acting Steam Pumps for Nomenclature, Definitions, Application, and Operation

ANSI/HI 9.1-9.5-2000, General Pump Standards for Types, Definitions, Application, and Sound Measurements

ANSI/IEEE 139-1988 (R1999), Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical Equipment (ISM) Installed on Users' Premises

ANSI/IEEE 1025-1993 (R1999), Assembly and Erection of Concrete Pole Structures

ANSI/IEEE 1062a-1998, Recommended Practice for Software Acquisition

ANSI/IEEE 1140-1994 (R1999), Procedures for the Measurement of Electric and Magnetic Fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz

ANSI/IEEE 1143-1994 (R1999), Guide on Shielding Practice for Low Voltage Cables

ANSI/IEEE 1149.4-1999, Standard for a Mixed-Signal Test Bus

ANSI/IEEE 1177-1994 (R1999), FASTBUS Standard Routines (included in ANSI/IEEE 960-1994)

ANSI/IEEE 1329-1999, Standard Method for Measuring Transmission Performance of Handsfree Telephone Sets

ANSI/IEEE C57.100-1999, Distribution Transformers, Test Procedure for Thermal Evaluation of Oil-Immersed

ANSI/IEEE C135.1-1999, Standard for Zinc-Coated Steel Bolts and Nuts for Overhead Line Construction

ANSI/IEEE C135.2-1999, Standard for Threaded Zinc-Coated Ferrous Strand-Eye Anchor Rods and Nuts for Overhead Line Construction

ANSI/IPC 4121-1999, Guidelines for Selecting Core Constructions for Multilayer Printed Wiring Boards

ANSI/ISA 93.00.01-2000, Standard Method for the Evaluation of External Leakage of Manual and Automated On-Off Valves

ANSI/ISA S67.02.01-1999, Nuclear-Safety-Related Instrument Sensing Line Piping and Tubing Standard for Use in Nuclear Power Plants

ANSI/ISA S67.14.01-1994 (R2000), Qualifications and Certification of Instrumentation and Control Technicians in Nuclear Facilities

ANSI/NISO Z39.20-1999, Criteria for Price Indexes for Printed Library Materials

ANSI/OPEI B71.6-2000, Powered Shredder/Grinders and Shredder/Baggers, Safety Specifications

ANSI/RESNA WC Volume I (Section 19)-2000, Wheelchairs - Volume I: Requirements and Test Methods for Wheelchairs - Wheelchairs Used as Seats in Motor Vehicles

ANSI/SPI B151.2-1999, Film Casting Machines Construction, Care, and Use

ANSI/SPI B151.4-1999, Blown Film Take-Off and Auxiliary Equipment - Construction, Care, and Use

ANSI/SPI B151.20-1999, Plastic Sheet Production Machinery - Manufacture, Care and Use

ANSI/TIA 102.BABB-1999, Project 25 Vocoder Mean Opinion Score Conformance Test

ANSI/TIA 102.BABC-1999, Project 25 - Vocoder Reference Test

ANSI/TIA 102.BADA-2000, Telephone Interconnect Requirements and Definitions (Voice Service)

ANSI/TIA 136-140-B-2000, Analog Control Channel

ANSI/TIA 136-700-B-2000, Introduction to Teleservices

ANSI/TIA 136-933-2000, TDMA Cellular/PCS - Radio Packet Data Service - Description of MAC Layer

ANSI/TIA 136-940-2000, TDMA Cellular/PCS - Radio Interface Capacity and Performance Characteristics of UWC-136

ANSI/TIA 455-43A-1999, Output Near-Field Radiation Pattern Measurement of Optical Waveguide Fiber

ANSI/TIA 455-60-A-2000, Measurement of Fiber or Cable Length Using an OTDR

ANSI/TIA 455-81-B-2000, Compound Flow (Drip) Test for Filled Fiber Optic Cable

ANSI/TIA 455-126-2000, Spectral Characterization of LEDs

ANSI/TIA 455-168A-1992 (R1999), Chromatic Dispersion Measurement of Multimode Graded-Index and Single-Mode Optical Fibers by Spectral Group Delay Measurement - Variable Aperture Method in the Farfield

ANSI/TIA 455-169A-1992 (R1999), Chromatic Dispersion Measurement of Optical Fibers by the Phase-Shift Method

ANSI/TIA 526-19-2000, Optical Signal-to-Noise Ratio Measurement Procedures for Dense Wavelength-Division Multiplexed Systems

ANSI/TIA 553-A-1999, Mobile Station - Land Station Compatibility Specification

ANSI/TIA 568-A-5-2000, Transmission Performance Specifications for 4-pair 100 Ohm Category 5 Cabling

ANSI/TIA 569-A-1-2000, Commercial Building Telecommunications Pathways and Spaces

ANSI/TIA 569-A-2-2000, Furniture Pathway and Spaces

ANSI/TIA 569-A-3-2000, Commercial Building Standard for Telecommunications Pathways and Spaces - Access Floor

ANSI/TIA 569-A-4-2000, Commercial Building Standard for Telecommunications Pathways and Spaces

ANSI/TIA 604-6-1999, Fiber Optic Connector Intermateability Standard (Fiber Jack Connector)

ANSI/TIA 667-A-1999, Personal Access Communications Systems Wireless User Premises Equipment (PACS-WUPE) Air Interface Standard

ANSI/TIA 691-1999, Mobile Station-Base Station Compatibility Standard for Enchanced 800 MHz Analog Cellular

ANSI/TIA 758-1-1999, Customer-Owned Outside Plant Telecommunications Cabling

ANSI/TIA 3700-1999, Telephone Network Transmission Model for Evaluating Analog Modem Performance

ANSI/UL 51-1999, Power-Operated Pumps for Anhydrous Ammonia and LP-Gas

Call for Comment Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of *Standards Action* – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or standact@ansi.org.

Order from:

ABYC
American Boat and Yacht Council

613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460

Fax: (410) 990-4466
Web: www.abycinc.org/index.cfm

ADA (Organization)
American Dental Association

211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

AIHA (ASC Z88)
American Industrial Hygiene Association

2700 Prosperity Avenue, Suite 250
Fairfax, VA 22031
Phone: (703) 846-0794
Fax: (703) 207-8558
Web: www.aiha.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8210
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APCO
Association of Public-Safety Communications Officials-International

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Daytona Beach, FL 32114
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API (ORGANIZATION)
American Petroleum Institute

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ASME
American Society of Mechanical Engineers

3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
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Web: www.asme.org

AWS
American Welding Society

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Phone: (305) 443-9353
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BHMA
Builders Hardware Manufacturers Association

355 Lexington Ave.
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New York, NY 10017-6603
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Web: www.csa-america.org/

Global Engineering Documents
Global Engineering Documents

15 Inverness Way East
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Phone: (800) 854-7179
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IAPMO (ASC Z124)
ASC Z124

5001 East Philadelphia Street
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ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society

67 Alexander Drive
Research Triangle Park, NC 27709
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Fax: (919) 549-8288
Web: www.isa.org

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ADA (Organization)
American Dental Association

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Web: www.ada.org

AGA (ASC Z223)
American Gas Association

400 North Capitol Street, NW
Washington, DC 20001
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Fax: (202) 824-9122
Web: www.aga.org/

AIHA (ASC Z88)
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Fairfax, VA 22031
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Web: www.aiha.org

ANS
American Nuclear Society

555 North Kensington Avenue
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Fax: (708) 352-6464
Web: www.ans.org/main.html

APCO
Association of Public-Safety Communications Officials-International

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ASME
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BHMA
Builders Hardware Manufacturers Association

355 Lexington Ave.
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CEA
Consumer Electronics Association

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IAPMO (ASC Z124)
ASC Z124

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ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society

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Web: www.isa.org

UL
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VITA
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PO Box 19658
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Fax: (480) 837-7486
Web: www.vita.com/

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.

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*
Phone: (703) 524-8800
Fax: (703) 562-1942
E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 570P-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

BSR/AHRI Standard 930P-201x, Performance Rating of Air-to-Air Energy (Heat) Exchangers for Increased Dehumidification (new standard)

BSR/AHRI Standard 1210P-201x, Performance Rating of Variable Speed Drives (new standard)

BSR/AHRI Standard 1220P-201x, Testing and Rating of the Performance of Mini-Split (1:1) Air-Conditioning and Heat Pump Equipment (new standard)

BSR/AHRI Standard 1240P-201x, Active Chilled Beam Units (new standard)

BSR/AHRI Standard 1260P-201x, Performance Rating of Flue Gas Combustion Analyzers (new standard)

BSR/AHRI Standard 1270P-201x, Seismic Qualification of AHRI Equipment (new standard)

BSR/AHRI Standard 1280P-201x, Sound Power Rating of Liquid Cooled Chillers (new standard)

BSR/AHRI Standard 1290P-201x, Performance Rating of Zone Dampers (new standard)

BSR/AHRI Standard 1300P (I-P)-201x, Performance Rating of Heat Pump Water Heaters (new standard)

BSR/AHRI Standard 1301 (SI)-201x, Performance Rating of Heat Pump Water Heaters (new standard)

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Paula Watkins*
Phone: (202) 682-8197
Fax: (202) 962-4797
E-mail: watkinsp@api.org

BSR/API MPMS 3.5.1-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - Part 1: Automatic tank gauges for liquefied natural gas on board marine carriers and floating storage (identical national adoption of ISO 18132-1)

BSR/API MPMS 3.5.2-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - General requirments for automatic tank gauges - Part 3: Automatic tank gauges for liquefied petroleum and chemical gases on board marine carriers and floating storage (identical national adoption of ISO 18132-3)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Ave.
15th Floor
New York, NY 10017-6603

Contact: *Michael Tierney*
Phone: (212) 297-2122
Fax: (212) 370-9047
E-mail: mtierney@kellencompany.com;

BSR/BHMA A156.8-201x, Door Controls - Overhead Stops and Holders (revision of ANSI/BHMA A156.8-2005)

BSR/BHMA A156.36-201x, Auxilary Locks (new standard)

CEA (Consumer Electronics Association)

Office: 1919 S. Eads Street
Arlington, VA 22202

Contact: *Megan Hayes*
Phone: (703) 907-7660
Fax: (703) 907-8113
E-mail: mhayes@ce.org

ANSI/CEA 936-A-2006, USB Carkit Specification (new standard)

ANSI/CEA 936-A-2006, USB Carkit Specification (withdrawal of ANSI/CEA 936-A-2006)

ANSI/CEA 2012-A-2006, MOST Network Gateway for Aftermarket Products (new standard)

ANSI/CEA 2012-A-2006, MOST (R) Network Gateway for Aftermarket Products (withdrawal of ANSI/CEA 2012-A-2006)

BSR/CEA CEDIA 897-201x, F-Connector Color Coding for Home Television Systems (new standard)

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Maribel Campos*

Phone: (909) 472-4106

Fax: 909-472-4244

E-mail: maribel.campos@iapmort.org

BSR/IAPMO Z600/CSA B125.5-201x, Flexible Water Connector with Excess Flow Shutoff Device (new standard)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org; spatrick@itic.org

BSR INCITS PN-2218-D-201x, Information technology - North American Profile ISO 19110 Feature Catalog (new standard)

Call for Members (ANS Consensus Bodies)

UL Standards Committees
STP 796, STP 2044

STP 796 (Printed Wiring Boards)
STP 796 seeks to broaden its membership base and is recruiting new participants in the following interest categories:
- Commercial/Industrial User
- Consumer
- Supply Chain

STP 796 covers the following UL standards:
- UL 746E, Polymeric Materials - Industrial Laminates, Filament Wound Tubing, and Vulcanized Fibre, and Materials Used in Printed Wiring Boards
- UL 796, Printed Wiring Boards

STP 2044 (Closed Circuit Television Equipment)
STP 2044 seeks to broaden its membership base and is recruiting new participants in the following interest categories:
- AHJ
- Commercial/Industrial User
- Government
- Supply Chain
-Testing and Standards

STP 2044 covers the following UL standard: UL 2044, Commercial Closed-Circuit Television Equipment

Please direct inquires to Derrick Martin, Underwriters Laboratories Inc.: (408) 754-6656, Derrick.L.Martin@us.ul.com

AWWA (American Water Works Association)

BSR/ANSI/AWWA/15.257 *Pipe Rehabilitation Standards Committee* is seeking General Interest and User volunteers with experience in trenchless technologies.
This Committee produces standards on pipe bursting, sliplining, internal joint seals, applied lining, cured-in-place-pipe trenchless technologies.

BSR/ANSI/AWWA/15.353 T*hermosetting Fiberglass Reinforced Plastic Pipe Standards Committee* is seeking Producer and User volunteers with FRP knowledge.
This Committee is responsible for ANSI/AWWA Standard 950 FRP Pipe.

BSR/ANSI/AWWA/15.370 *Thermosetting Fiberglass Reinforced Plastic Tanks Standards Committee* is seeking General Interest and User volunteers with extensive underground vessel experience.
This committee produces standards dealing with FRP tanks above and below ground for water storage.
For inquiries, please contact Dawn Flancher: (303)-347-6195, dflancher@awwa.org

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.

AIHA (ASC Z88) (American Industrial Hygiene Association)

Revisions

ANSI AIHA Z88.7-2010, Color Coding of Air-Purifying Respirator Canisters, Cartridges, and Filters (revision of ANSI Z88.7-2001): 6/14/2010

AISI (American Iron and Steel Institute)

Supplements

ANSI/AISI S100-2007/S2-2010, Supplement 2 to the North American Specification for the Design of Cold-Formed Steel Structural Members, 2007 Edition (supplement to ANSI/AISI S100-2007): 6/14/2010

API (American Petroleum Institute)

New National Adoptions

ANSI/API Standard 610-2009, Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries (identical national adoption and revision of ANSI/API 610-2002): 6/14/2010

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME PTC 39-2005 (R2010), Steam Traps (reaffirmation of ANSI/ASME PTC 39-2005): 6/14/2010

Revisions

ANSI/ASME A112.14.6-2010, FOG (Fats, Oils, and Greases) Disposal Systems (revision of ANSI/ASME A112.14.6-2006): 6/14/2010

ANSI/ASME B107.17-2010, Gages, Wrench Openings, Reference (revision and redesignation of ANSI/ASME B107.17M-1997 (R2002)): 6/14/2010

ANSI/ASME B107.500-2010, Pliers (revision, redesignation and consolidation of ANSI/ASME B107.11-2008, B107.13-2003, B107.16-2008, B107.18-2008, B107.19-2004, B107.20M-2004, B107.22-2008, B107.23-2004, B107.24-2007, B107.25-2007, B107.27-2003 (R2008), and B107.37-2007): 6/14/2010

AWWA (American Water Works Association)

Revisions

ANSI/AWWA B408-2010, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2003): 6/14/2010

ANSI/AWWA B511-2010, Potassium Hydroxide (revision of ANSI/AWWA B511-2005): 6/14/2010

ANSI/AWWA B550-2010, Calcium Chloride (revision of ANSI/AWWA B550-2005): 6/14/2010

ANSI/AWWA B603-2010, Permanganates (revision of ANSI/AWWA B603-2003): 6/14/2010

BHMA (Builders Hardware Manufacturers Association)

Revisions

ANSI/BHMA A156.11-2010, Cabinet Locks (revision of ANSI/BHMA A156.11-2004): 6/14/2010

CSA (CSA America, Inc.)

Reaffirmations

ANSI Z21.24-2005 (R2010), ANSI Z21.24a-2008 (R2010), American National Standard/CSA Standard for Connectors for Gas Appliances (same as CSA 6.10 and CSA 6.10a) (reaffirmation of ANSI Z21.24-2005 and ANSI Z21.24a-2008): 6/14/2010

ISA (ISA)

Reaffirmations

ANSI/ISA 75.25.01-2001 (R2010), Test Procedure for Control Valve Response (reaffirmation of ANSI/ISA 75.25.01-2001): 6/16/2010

NEMA (National Electrical Manufacturers Association)

Revisions

ANSI/NEMA PB1.1-2007, General Instructions for Proper Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 1.1-2003): 6/14/2010

ANSI/NEMA PB 2.1-2007, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 2.1-2003): 6/14/2010

SCTE (Society of Cable Telecommunications Engineers)

New Standards

ANSI/SCTE 130-8-2010, Digital Program Insertion - Advertising Systems Interfaces - Part 8: General Information Service (GIS) (new standard): 6/14/2010

ANSI/SCTE 168-6-2010, Recommended Practice for Monitoring Multimedia (new standard): 6/14/2010

ANSI/SCTE 168-7-2010, Recommended Practice for Transport Stream Verification in an IP Transport Network (new standard): 6/14/2010

Revisions

ANSI/SCTE 37-2010, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTS Management Information Base (MIB) Definition (revision of ANSI/SCTE 37-2008): 6/14/2010

ANSI/SCTE 109-2010, Test Procedure for Common Path Distortion (CPD) (revision of ANSI/SCTE 109-2005): 6/14/2010

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 2021-2010, Standard for Fixed and Location-Dedicated Electric Room Heaters (new standard): 6/14/2010

ANSI/UL 2021-2010a, Standard for Fixed and Location-Dedicated Electric Room Heaters (new standard): 6/14/2010

Revisions

ANSI/UL 136-2010, Standard for Safety for Pressure Cookers (revision of ANSI/UL 136-2009): 6/16/2010

ANSI/UL 136-2010a, Pressure Cookers (revision of ANSI/UL 136-2009): 6/16/2010

ANSI/UL 1059-2010, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2006): 6/11/2010

VITA (VMEbus International Trade Association (VITA))

New Standards

ANSI/VITA 65-2010, OpenVPX (new standard): 6/14/2010

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.

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

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Contact: *Daniel Abbate*

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 570P-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish, definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; operating requirements; marking and nameplate data and conformance conditions for carbon dioxide compressors and compressor units.

This standard applies to electric motor driven, single and variable capacity, Single and Multiple Stage positive displacement carbon dioxide refrigerant compressors and compressor units in both Sub-Critical and Trans-Critical applications for refrigeration. This standard also applies to the presentation of performance data for positive displacement carbon dioxide refrigerant compressors and compressor units.

BSR/AHRI Standard 930P-201x, Performance Rating of Air-to-Air Energy (Heat) Exchangers for Increased Dehumidification (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, designers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for Air-to-Air Energy (Heat) Exchangers intended for increased dehumidificationuse in Air-to-Air Energy Recovery Ventilation Equipment: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made Air-to-Air Energy (Heat) Exchangers designed for increased dehumidification use in Air-to-Air Energy Recovery Ventilation Equipment as defined in Section 3. They may be installed in the factory where the exchanger is manufactured or they may be installed elsewhere.

BSR/AHRI Standard 1210P-201x, Performance Rating of Variable Speed Drives (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for Variable Frequency Drives: definitions; classifications; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies, within the HVACR context, to Variable Frequency Drives used in the control of asynchronous induction motors. The range includes all those found within a building: a. Low voltage (less than and equal to 600 Volts) b. Motors that are separable from the driven load field and factory installed

BSR/AHRI Standard 1220P-201x, Testing and Rating of the Performance of Mini-Split (1:1) Air-Conditioning and Heat Pump Equipment (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for Mini-Split (1:1) Air-Conditioning and Heat Pump Equipment: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; construction requirements, marking and nameplate data; and conformance conditions.

This standard applies to the performance of mini-Split (1: (1) air-conditioning and heat pump equipment.

BSR/AHRI Standard 1240P-201x, Active Chilled Beam Units (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to provide, for active chilled beam units: definitions and classification; a specification of what constitutes standard equipment; rating and performance requirements; methods of testing; and proper marking.

This standard applies to active chilled beam units.

BSR/AHRI Standard 1260P-201x, Performance Rating of Flue Gas Combustion Analyzers (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for Flue Gas Combustion Analyzers: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; construction requirements, marking and nameplate data; and conformance conditions.

This Standard specifies requirements for construction, testing and performance of portable combustion analyzers measuring specific combustion flue gas products of heating appliances for residential and commercial applications.

BSR/AHRI Standard 1270P-201x, Seismic Qualification of AHRI Equipment (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The International Building Code® (IBC) includes a number of provisions for seismic design and certification of nonstructural components. These provisions are intended to improve the performance of non-essential and essential nonstructural systems subject to strong ground shaking. The purpose of this standard is to define the requirements for seismic qualification and certification of mechanical AHRI equipment.

This standard describes the methods for equipment qualification and the process to certify determine equipment seismic capacity. Equipment Certification contains three elements. The first element is the development of a qualification plan by a qualified program meeting the requirements of ISO 9001. Second element is the qualification by test or analysis meeting the requirements of this standard.

BSR/AHRI Standard 1280P-201x, Sound Power Rating of Liquid Cooled Chillers (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for liquid cooled chillers: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

BSR/AHRI Standard 1290P-201x, Performance Rating of Zone Dampers (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for Zone Dampers: definitions; classifications; test requirements; rating requirements; minimum data requirements for Published Ratings; operating requirements; marking and nameplate data; and conformance conditions.

The standard evaluates the performance of zone dampers in all aspects: maximum velocity, airflow, maximum static pressure, leakage, pressure drop, sound, and torque. This offers both the user and specifier a complete view of Zone Dampers for comparison purposes.

API (American Petroleum Institute)

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E-mail: watkinsp@api.org

BSR/API MPMS 3.5.1-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - Part 1: Automatic tank gauges for liquefied natural gas on board marine carriers and floating storage (identical national adoption of ISO 18132-1)

Stakeholders: Users and manufacturers of automatic tank gauges

Project Need: To create an international standard on general requirements for automatic tank gauges for liquefied natural gas on board marine carriers and floating storage, as well as revise API MPMS Chapter 3.5.

Establishes general principles for the accuracy, installation, calibration and verification of ATGs (automatic tank gauges, also known as automatic level gauges) used for measuring the level of liquefied natural gas (LNG) onboard an LNG carrier or floating storage. The LNG is either fully refrigerated (i.e. at the cryogenic condition) or partially refrigerated and therefore the fluid is at or near atmospheric pressure.

BSR/API MPMS 3.5.2-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - General requirments for automatic tank gauges - Part 3: Automatic tank gauges for liquefied petroleum and chemical gases on board marine carriers and floating storage (identical national adoption of ISO 18132-3)

Stakeholders: Users and manufacturers of automatic tank gauges

Project Need: To create an international standard on general requirements for automatic tank gauges for liquefied petroleum and chemical gases on board marine carriers and floating storage, as well as revise API MPMS Chapter 3.5.

Establishes general principles for the accuracy, installation, calibration and verification of ATGs (automatic tank gauges, also known as automatic level gauges) used for measuring the level of liquefied petroleum and chemical gases onboard a gas carrier or floating storage. Also describes the technical requirements for data collection, transmission and receiving. Specific technical requirements for various automatic tank gauges and accuracy limitations are given in the annexes.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085
Contact: *Carla VanGilder*
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASABE AD3918-201x, Milking machine installation - Vocabulary (national adoption with modifications and revision of ANSI/ASAE S300.4 -2009)

Stakeholders: Manufactures of milking equipment

Project Need: Renumber standard. Add copyright clause. Minor editorial changes. Incorporate capacity controlled for vacuum system.

This standard defines terms to use in research work, official regulations, design, manufacture, installation and use of milking machines for cows, water buffaloes, sheep, goats or other mammals used for milk production.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Contact: *Jeff Richardson*
Fax: (610) 834-7067
E-mail: jrichard@astm.org

BSR/ASTM WK29021-201x, New Guide for Tennis Court Playing Areas and Safety Zones (new standard)

Stakeholders: Sports Equipment and Facilities Industry

Project Need: To be developed Current tennis courts are making additional use of existing courts for cross-court layouts to provide smaller courts for younger players and training.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK29021.htm

BSR/ASTM WK29047-201x, New Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/ Chlorinated Poly(Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing (new standard)

Stakeholders: Plastic Piping Systems Industry

Project Need: This specification covers a chlorinated poly(vinyl chloride) composite pressure tubing with a welded aluminum tube reinforcement between the inner and outer layers.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK29047.htm

BSR/ASTM WK29085-201x, New Practice for Helmet Shop Practices (new standard)

Stakeholders: Sports Equipment and Facilities Industry

Project Need: Shop practices for helmet sales and rentals. Shops need a guide to sale and rental of helmets, including reuse of rental helmets, detecting damage to used helmets, fitting guidelines and other issues.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK29085.htm

CEA (Consumer Electronics Association)

Office: 1919 S. Eads Street
Arlington, VA 22202

Contact: *Megan Hayes*

Fax: (703) 907-8113

E-mail: mhayes@ce.org

ANSI/CEA 936-A-2006, USB Carkit Specification (withdrawal of ANSI/CEA 936-A-2006)

Stakeholders: Mobile phone manufacturers, consumers, car manufacturers, retailers, manufacturers of mobile phone accessories.

Project Need: Upon 5-year review of ANSI/CEA-936-A, the committee decided to withdraw the standard.

CEA-936-A defines a standard method for routing audio and UART signals through a Mini-USB receptacle on a phone to an analog carkit and to other accessories such as chargers and RS232 devices. This specification is intended for developers of On-The-Go (OTG) transceivers, cell phones, carkits, and car stereos.

ANSI/CEA 2012-A-2006, MOST (R) Network Gateway for Aftermarket Products (withdrawal of ANSI/CEA 2012-A-2006)

Stakeholders: Automotive manufacturers, aftermarket manufacturers, aftermarket installers, consumers.

Project Need: Upon 5-year review of ANSI/CEA-2012-A, the committee decided to withdraw the standard.

Defines the requirements for implementing an aftermarket network based on the Media Oriented Systems Transport (MOST (R)) specification. It is based on the MOST Specification. CEA 2012-A documents the subset of requirements needed to create an aftermarket MOST network that can be used independent of any vehicle network and can also be connected to a factory-installed network if the vehicle manufacturer chooses to provide a gateway function.

EIA (Electronic Industries Alliance)

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Arlington, VA 22201

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E-mail: cyates@ecaus.org

BSR/EIA 969-201x, Electrochemical Double Layer Capacitors (EDLC's), Cylindrical Single-cell (new standard)

Stakeholders: Automotive and industrial transportation, motive

Project Need: New and rapid acceptance of EDLC's as an alternative power source to batteries and their assembly

Standard specifications and qualification procedure for the EDLC cylindrical cells

IACET (International Association for Continuing Education and Training)

Office: 1760 Old Meadow Road, Suite 500
McLean, VA 22102

Contact: *Khunteang Pa*

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E-mail: kpa@iacet.org

BSR/IACET 1-201x, Standard for Continuing Education and Training (revision of ANSI/IACET 1-2007)

Stakeholders: Any consumer in any field that is a recipient of the continuing education and training process.

Project Need: The Standard is needed to ensure quality in the continuing education and training process. The Standard recognizes that the consumer of continuing education and training is entitled to and receives the best training possible for transference of knowledge and skills regardless of the selected media.

The Standard provides a framework to assist organizations to adhere to quality continuing education and training practices. The framework includes the establishment of an appropriate responsibility and control system; the adoption of an analytic approach to establishing learning needs; a plan to establish and execute a quality learning event; the establishment of appropriate assessment criteria; and the need to monitor and improve the learning process to achieve desired learning outcomes.

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

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Washington, DC 20005

Contact: *Barbara Bennett*

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E-mail: bbennett@itic.org; spatrick@itic.org

BSR INCITS PN-2218-D-201x, Information technology - North American Profile ISO 19110 Feature Catalog (new standard)

Stakeholders: This standard will provide guidance to government, commercial and other markets which implement or utilize ISO-19110 and presently use the Feature Catalog portions of the FGDC Content Standard for Digital Geospatial Metadata.

Project Need: Today many in the US use the Federal Geographic Data Committee’s (FGDC) “Content Standard for Digital Geospatial Metadata.” The US has adopted the ISO metadata standard (as have many nations around the world) and created a North American Profile of ISO 19115.

INCITS has adopted ISO 19110: 2005 - Geographic Information - Methodology for Feature Cataloguing; this document is universal in design to address global requirement. Typically nations, regions, or information communities develop profiles to tailor these specifications to their needs. INCITS-L1 proposes to develop a profile based on this standard tailored for the US market.

NCPDP (National Council for Prescription Drug Programs)

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Scottsdale, AZ 85260

Contact: *Kittye Krempin*

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E-mail: kkrempin@ncpdp.org

BSR/Audit Transaction V1.0-201x, Audit Transaction Standard Version 1.0 (new standard)

Stakeholders: Any entity which dispenses prescription drugs and submits those prescriptions to a payer for reimbursement; audit entities; switch companies

Project Need: The NCPDP Audit Transaction Standard creates an electronic audit transaction with requests, responses, and final outcome segments for both “desk top” claim audits and for in-store audit notices.

The Audit Transaction Standard supports an electronic audit transaction that facilitates requests, responses, and final outcomes segments for both 'desk top' claim audits and for in-store audit notices and provides a forum to discuss and resolve audit related questions and issues with government programs.

BSR/NCPDP Functions Standard V001.000-201x, NCPDP Functions Standard V001.000 (new standard)

Stakeholders: Any entity which dispenses prescription drugs and submits those prescriptions to a payer for reimbursement; prescribers; switch/intermediary; payers

Project Need: The NCPDP Functions Standard will provide implementation guidance to vendors on the NCPDP XML-based transactions.

The NCPDP Functions Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

SCTE (Society of Cable Telecommunications Engineers)

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Exton, PA 19341

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E-mail: tmurdock@scte.org

BSR/SCTE 128-201x, AVC Video Systems and Transport Constraints for Cable Television (revision of ANSI/SCTE 128-2010)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

This document defines the video coding and transport constraints on ITU-T Rec. H.264 | ISO/IEC 14496-10 [4] video compression (hereafter called "AVC") for Cable Television. In particular, this document describes the transmission of AVC coded video elementary streams in an MPEG-2 service multiplex (single or multi-program Transport Stream).

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

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

ISO and IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are 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 and IEC 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 Rachel Howenstine at ANSI's New York offices (isot@ansi.org), those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. 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 or IEC 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. IEC Drafts are available from IEC directly via their online store at http://www.iec.ch.

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 10786, Space systems - Structural components and assemblies - 9/16/2010, $134.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 11855-1, Building environment design - Design, construction and operation of radiant heating and cooling systems - Part 1: Definition, symbols, and comfort criteria - 9/16/2010, $93.00

ISO/DIS 11855-2, Building environment design - Design, construction and operation of radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity - 9/16/2010, $125.00

ISO/DIS 11855-4, Building environment design - Design, construction and operation of radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity for thermo active building systems (TABS) - 9/16/2010, $112.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 28841, Guidelines for simplified seismic assessment and rehabilitation of concrete buildings - 9/16/2010, $146.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 18132-1, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - General requirements for automatic tank gauges - Part 1: Automatic tank gauges for liquefied natural gas on board marine carriers and floating storage - 9/16/2010, $77.00

ISO/DIS 18132-3, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - General requirements for automatic tank gauges - Part 3: Automatic tank gauges for liquefied petroleum and chemical gases on board marine carriers and floating storage - 9/16/2010, $88.00

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

ISO/DIS 19892, Plastics piping systems - Systems for hot and cold water - Test method for leaktightness under vacuum - 9/17/2010, $33.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 14409, Ships and marine technology - Ships launching air bag - 4/15/2010, $58.00

TYRES, RIMS AND VALVES (TC 31)

ISO 4223-1/DAmd1, Definitions of some terms used in the tyre industry - Part 1: Pneumatic tyres - Draft Amendment 1 - 9/16/2010, $29.00

IEC Standards

16/479/FDIS, IEC 60445 Ed. 5.0: Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors, 08/13/2010

23F/200/FDIS, IEC 61210 Ed.2: Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements, 08/13/2010

31/878/FDIS, IEC 60079-13 Ed. 1.0: Explosive atmospheres - Part 13: Equipment - protection by pressurized room "p", 08/13/2010

40/2052/FDIS, IEC 60384-26 Ed.1: Fixed Capacitors for Use in Electronic Equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte, 08/13/2010

40/2053/FDIS, EC 60384-26-1 Ed 1: Fixed Capacitors for Use in Electronic Equipment - Part 26-1: Blank detail specification - Fixedaluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ, 08/13/2010

45B/655/FDIS, IEC 60532 Ed.3: Radiation protection instrumentation - Installed dose rate meters, warning assemblies and monitors - X and gamma radiation of energy between 50 keV and 7 MeV, 08/13/2010

47D/771/FDIS, IEC 60191-6-20 Ed.1: Mechanical Standardization of Semiconductor Devices - Part 6-20: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Measuring methods for package dimensions of small outline J-lead packages (SOJ), 08/13/2010

47D/772/FDIS, IEC 60191-6-21 Ed.1: Mechanical Standardization of Semiconductor Devices - Part 6-21: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Measuring methods for package dimensions of small outline packages (SOP), 08/13/2010

96/359/FDIS, IEC 61558-2-23, Ed. 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites, 08/13/2010

CIS/I/331/FDIS, CISPR 24 Ed.2: Information technology equipment - Immunity characteristics - Limits and methods of measurement, 08/13/2010

10/813/FDIS, IEC 61099 Ed.2: Insulating liquids - Specifications for unused synthetic organic esters for electrical purposes, 08/06/2010

61B/417/FDIS, IEC 60335-2-25 Ed 6.0: Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens, 08/06/2010

80/598/FDIS, IEC 62376 Ed.1: Maritime navigation and radiocommunication equipment and systems - Electronic chart system (ECS) - Operational and performance requirements, methods of testing and required test results, 08/06/2010

96/358/FDIS, IEC 62041 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - EMC requirements, 08/06/2010

Newly Published ISO and 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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 10932:2010, Milk and milk products - Determination of the minimal inhibitory concentration (MIC) of antibiotics applicable to bifidobacteria and non-enterococcal lactic acid bacteria (LAB), $122.00

ISO 12099:2010, Animal feeding stuffs, cereals and milled cereal products - Guidelines for the application of near infrared spectrometry, $122.00

DENTISTRY (TC 106)

ISO 10451:2010, Dentistry - Contents of technical file for dental implant systems, $57.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 286-2:2010, Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 2: Tables of standard tolerance classes and limit deviations for holes and shafts, $157.00

FIRE SAFETY (TC 92)

ISO 14934-1:2010, Fire tests - Calibration and use of heat flux meters - Part 1: General principles, $80.00

ISO 19703:2010, Generation and analysis of toxic gases in fire - Calculation of species yields, equivalence ratios and combustion efficiency in experimental fires, $129.00

FLUID POWER SYSTEMS (TC 131)

ISO 12151-1:2010, Connections for hydraulic fluid power and general use - Hose fittings - Part 1: Hose fittings with ISO 8434-3 O-ring face seal ends, $86.00

ISO 12151-3:2010, Connections for hydraulic fluid power and general use - Hose fittings - Part 3: Hose fittings with ISO 6162-1 or ISO 6162-2 flange ends, $73.00

HEALTH INFORMATICS (TC 215)

ISO 21549-8:2010, Health informatics - Patient healthcard data - Part 8: Links, $65.00

IMPLANTS FOR SURGERY (TC 150)

ISO 17853:2010, Wear of implant materials - Polymer and metal wear particles - Isolation and characterization, $86.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9336-1:2010, Optics and photonics - Optical transfer function - Application - Part 1: Interchangeable lenses for 35 mm still cameras, $43.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 8216-1:2010, Petroleum products - Fuels (class F) classification - Part 1: Categories of marine fuels, $37.00

ISO 8217:2010, Petroleum products - Fuels (class F) - Specifications of marine fuels, $116.00

POWDER METALLURGY (TC 119)

ISO 4498:2010, Sintered metal materials, excluding hardmetals - Determination of apparent hardness and microhardness, $73.00

REFRIGERATION (TC 86)

ISO 5151:2010, Non-ducted air conditioners and heat pumps - Testing and rating for performance, $180.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO 81714-1:2010, Design of graphical symbols for use in the technical documentation of products - Part 1: Basic rules, $80.00

TIMBER STRUCTURES (TC 165)

ISO 21581:2010, Timber structures - Static and cyclic lateral load test methods for shear walls, $80.00

WATER QUALITY (TC 147)

ISO 10710:2010, Water quality - Growth inhibition test with the marine and brackish water macroalga Ceramium tenuicorne, $92.00

ISO Technical Specifications

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/TS 19130:2010, Geographic information - Imagery sensor models for geopositioning, $220.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/TS 16976-2:2010, Respiratory protective devices - Human factors - Part 2: Anthropometrics, $110.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 17575-1:2010, Electronic fee collection - Application interface definition for autonomous systems - Part 1: Charging, $104.00

ISO/TS 17575-2:2010, Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers, $110.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-14/Amd1:2010, Information technology - Coding of audio-visual objects - Part 1: Systems - Amendment 1: Handling of MPEG-4 audio enhancement layers, $16.00

ISO/IEC 29157:2010, Information technology - Telecommunications and information exchange between systems - PHY/MAC specifications for short-range wireless low-rate applications in the ISM band, $141.00

IEC Standards

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

IEC 62514 Ed. 1.0 en:2010, Multimedia gateway in home networks - Guidelines, $204.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 61373 Ed. 2.0 b:2010, Railway applications - Rolling stock equipment - Shock and vibration tests, $143.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 60512-8-1 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 8-1: Static load tests (fixed connectors) - Test 8a: Static load, transverse, $26.00

IEC 60512-17-1 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 17-1: Cable clamping tests - Test 17a: Cable clamp robustness, $26.00

IEC 60512-17-3 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 17-3: Cable clamping tests - Test 17c: Cable clamp resistance to cable pull (tensile), $26.00

IEC 60512-17-4 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 17-4: Cable clamping tests - Test 17d: Cable clamp resistance to cable torsion, $26.00

IEC 60512-20-1 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 20-1: Fire hazard tests - Test 20a: Flammability, needle-flame, $31.00

IEC 60512-20-3 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 20-3: Fire hazard tests - Test 20c: Flammability, glow-wire, $31.00

IEC 60512-21-1 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 21-1: RF resistance tests - Test 21a: RF shunt resistance, $21.00

IEC 60512-22-1 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 22-1: Capacitance tests - Test 22a: Capacitance, $26.00

IEC 60512-23-2 Ed. 1.0 b:2010, Connectors for electronic equipment - Tests and measurements - Part 23-2: Screening and filtering tests - Test 23b: Suppression characteristics of integral filters, $26.00

IEC 60603-7-7 Ed. 3.0 b:2010, Connectors for electronic equipment - Part 7-7: Detail specification for 8-way, shielded, free and fixed connectors for data transmission with frequencies up to 600 MHz, $128.00

FIBRE OPTICS (TC 86)

IEC/TR 62343-6-3 Ed. 1.0 en:2010, Dynamic modules - Part 6-3: Round robin measurement results for group delay ripple of tunable dispersion compensators, $128.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61207-1 Ed. 2.0 b:2010, Expression of performance of gas analyzers - Part 1: General, $158.00

INSULATING MATERIALS (TC 15)

IEC 60684-3-209 Ed. 3.0 b:2010, Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 209: Heat-shrinkable, polyolefin sleeving, general purpose, flame retarded, $46.00

IEC 60684-3-280 Ed. 1.0 b:2010, Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking, $56.00

IEC 60684-3-281 Ed. 1.0 b:2010, Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive, $51.00

IEC 60684-3-282 Ed. 1.0 b:2010, Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 282: Heat-shrinkable, polyolefin sleeving - Stress control, $46.00

POWER ELECTRONICS (TC 22)

IEC/TR 60919-1 Ed. 3.0 en:2010, Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 1: Steady-state conditions, $250.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

IEC 60745-2-17 Ed. 3.0 b:2010, Hand-held motor-operated electric tools - Safety - Part 2-17: Particular requirements for routers and trimmers, $143.00

SAFETY OF MEASURING, CONTROL, AND LABORATORY EQUIPMENT (TC 66)

IEC 61010-1 Ed. 3.0 b:2010, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, $281.00

IEC 61010-2-030 Ed. 1.0 b:2010, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits, $143.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60191-6-18 Ed. 1.0 b Cor.1:2010, Corrigendum 1 - Mechanical stardardization of semiconductor devices - Part 6-18: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guide for ball grid array (BGA), $0.00

IEC 62615 Ed. 1.0 b:2010, Electrostatic discharge sensitivity testing - Transmission line pulse (TLP) - Component level, $97.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 61190-1-3 Amd.1 Ed. 2.0 b:2010, Amendment 1 - Attachment materials for electronic assembly - Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solders for electronic soldering applications, $46.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-SER Ed. 1.0 b:2010, Wind turbine generator systems - ALL PARTS, $3035.00

IEC 61400-22 Ed. 1.0 b:2010, Wind turbines - Part 22: Conformity testing and certification, $250.00

IEC Technical Specifications

FUEL CELL TECHNOLOGIES (TC 105)

IEC/TS 62282-7-1 Ed. 1.0 en:2010, Fuel cell technologies - Part 7-1: Single cell test methods for polymer electrolyte fuel cell (PEFC), $179.00

POWER ELECTRONICS (TC 22)

IEC/TS 61800-8 Ed. 1.0 en:2010, Adjustable speed electrical power drive systems - Part 8: Specification of voltage on the power interface, $235.00

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 to create and maintain 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 30+ 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 all membership categories:

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

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.

Call-for-Comment Correction

Missing Text

BSR/ISEA 103-201x

The following copy was mistakenly omitted from ISEA's Call-for-Comment listing in the June 4, 2010 edition of Standards Action for BSR/ISEA 103-201x, Classification and Performance Requirements for Chemical Protective Clothing:

> "This is a third public review and is limited only to those sections that have substantively changed from the September 2009 public review draft. Such changes are highlighted within the context of the entire document. In addition, consensus panel members in the "government" category are being sought."

ANSI Accreditation Program for Third Party Product Certification Agencies

Requests for Scope Extension

Guelph Food Technology Centre (GFTC)

Comment Deadline: July 16, 2010

Guelph Food Technology Centre (GFTC)
Mr. Frank Schreurs
Vice-President
88 McGilvray
Guelph, Ontario N1G 2W1, Canada
PHONE: (519) 821-1246
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Web: www.gftc.ca

Guelph Food Technology Centre (GFTC), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following scopes:

CanadaGAPTM

GlobalG.A.P.

Please send your comments by July 16, 2010 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036 FAX: (202) 293-9287 or e-mail: njackson@ansi.org.

International Association of Plumbing and Mechanical Officials Evaluation Service (IAPMO ES)

Comment Deadline: July 16, 2010

Ms. Shirley Dewi
Manager of Quality Assurance
International Association of Plumbing and Mechanical Officials Evaluation Service (IAPMO ES)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 230-5530
FAX: (909) 472-4199
E-mail: Shirley.Dewi@iapmort.org

International Association of Plumbing and Mechanical Officials Evaluation Service (IAPMO ES), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following SCOPE(S):

International Energy Conservation Code (IECC)

Please send your comments by July 16, 2010 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036 FAX: (202) 293-9287 or e-mail: njackson@ansi.org.

International Association of Plumbing and Mechanical Officials Research and Testing Inc. (IAPMO RT)

Comment Deadline: July 16, 2010

Mr. Shahin Moinian
Senior Director
International Association of Plumbing and Mechanical Officials Research and Testing Inc. (IAPMO RT)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 472-4121
FAX: (909) 474-4150
E-mail: shahin.moinian@iapmort.org

International Association of Plumbing and Mechanical Officials Research and Testing Inc. (IAPMO RT), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following Scope(s):

ICS Code: 97.100.10

Title: Electric heaters

Please send your comments by July 16, 2010 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036 FAX: (202) 293-9287 or e-mail: njackson@ansi.org.

Scope Extension

NCS International Pty ltd. (NCSI)

NCS International Pty Ltd. (NCSI)
Suite 2, Level 1, 7 Leeds Street
Rhodes, Sydney, NSW 2138, Australia

On June 10, 2010, the ANSI Accreditation Committee (ACC) voted to approve the scope extension for NCSI for the following scope:

SCOPE:

British Retail Consortium (BRC)

BRC Global Standard for Food Safety

GLOBALG.A.P

Integrated Farm Assurance (IFA) Standard

All Farm Base

a) Crops Base

b) Livestock Base

Meeting Notices

ANSI Z245, Subcommittee 1 on Mobile Equipment

The ANSI Z245, Subcommittee 1 on Mobil Equipment, sponsored by the Secretariat (Environmental Industry Associations), will hold its next meeting on September 15, 2010 at Rumpke in Cincinnati, OH.

The Z245 Committee is an ANSI-Accredited Standards Committee on equipment technology and operations for wastes and recyclable materials, and the Z245 Subcommittee 1 deals with waste and recyclable material mobile equipment safety requirements.

The purpose of this meeting is to continue revision work on the 2008 American National Standards on mobile waste and recyclable materials collection, transportation and compaction equipment-safety requirements (Z245.1). This meeting is open to anyone with a material interest in waste and recyclable material mobile equipment safety requirements and who wishes to participate in standards development.

If you have an interest in participating in this meeting or would like more information, please visit our website at www.wastec.org, or you may contact Janice Comer Bradley at jbradley@wastec.org.

ANSI Z245, Subcommittee 2 on Stationary Compactors – Safety Requirements

The ANSI Z245, Subcommittee 2 on Stationary Compactors - Safety requirements, sponsored by the Secretariat (Environmental Industry Associations), will hold its next meeting on September 14, 2010 at Rumpke in Cincinnati, OH.

The Z245 Committee is an ANSI-Accredited Standards Committee on equipment technology and operations for wastes and recyclable materials, and the Z245 Subcommittee 2 deals with stationary compactor safety requirements and safety requirements for their installation, maintenance and operation.

The purpose of this meeting is to continue revision work on the 2008 American National Standards on compactor safety requirements (Z245.2 and Z245.21). This meeting is open to anyone with a material interest in stationary compactor safety requirements, and who wishes to participate in standards development.

If you have an interest in participating in this meeting or would like more information, please visit our website at www.wastec.org, or you may contact Janice Bradley at jbradley@wastec.org.

ANSI Z245, Subcommittee 4 on Facility Safety

The ANSI Z245, Subcommittee 4 on Facility Safety, sponsored by the Secretariat (Environmental Industry Associations), will hold its next meeting on September 15, 2010 at Rumpke in Cincinnati, OH.

The Z245 Committee is an ANSI-Accredited Standards Committee on equipment technology and operations for wastes and recyclable materials, and the Z245 Subcommittee 4 deals with waste and recycling facilities safety requirements.

The purpose of this meeting is to continue revision work on the 2008 American National Standard on waste transfer stations (Z245.42). This meeting is open to anyone with a material interest in waste and recycling equipment facilities safety requirements, and who wishes to participate in standards development.

If you have an interest in participating in this meeting or would like more information, please visit our website at www.wastec.org, or you may contact Janice Comer Bradley at jbradley@wastec.org.

ANSI Z245, Subcommittee 5 on Baling Equipment – Safety Requirements

The ANSI Z245, Subcommittee 2 on Stationary Compactors - Safety requirements, sponsored by the Secretariat (Environmental Industry Associations), will hold its next meeting on September 14, 2010 at Rumpke in Cincinnati, OH.

The Z245 Committee is an ANSI-Accredited Standards Committee on equipment technology and operations for wastes and recyclable materials, and the Z245 Subcommittee 5 deals with baling equipment safety requirements and safety requirements for their installation, maintenance and operation.

The purpose of this meeting is to continue revision work on the 2008 American National Standards on compactor safety requirements (Z245.5 and Z245.51). This meeting is open to anyone with a material interest in baling equipment safety requirements, and who wishes to participate in standards development.

If you have an interest in participating in this meeting or would like more information, please visit our website at www.wastec.org, or you may contact Janice Bradley at jbradley@wastec.org.

BSR Z223.1b–2010
Amendment to American National Standard ANSI Z223.1 - 2009
National Fuel Gas Code

Reviewer Note: Section 8.3 and Annex A.8.3 in ANSI Z223.1-2009, *National Fuel Gas Code*, would be replaced by amendment BSR Z223.1b-2010.

8.3* Purging requirements. The purging of piping shall be in accordance with Sections 8.3.1 through 8.3.3

8.3.1* Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections 8.3.1.1 through 8.3.1.4 where the piping system meets either of the following:

1. The design operating gas pressure is greater than 2 psig.
2. The piping being purged contains one or more sections of pipe or tubing greater than 2 inches and exceeding the lengths in Table 8.3.1.1.

8.3.1.1 Removal from Service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section 8.3.1.3. Where gas piping meeting the criteria of Table 8.3.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.

Table 8.3.1.1 Size and Length of Piping

Nominal Pipe Size (in.)	Length of Piping (ft)
2 ½	> 50
3	> 30
4	> 15
6	> 10
8 or larger	Any length

For SI units: 1 inch = 25.4mm; 1 ft =304.8mm.

8.3.1.2* Placing in operation. Where gas piping containing air and meeting the criteria of Table 8.3.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section 8.3.1.3.

8.3.1.3 Outdoor discharge of purged gases. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:

1. The point of discharge shall be controlled with a shutoff valve.
2. The point of discharge shall be located at least 10 feet from sources of ignition, at least 10 feet from building openings and at least 25 feet from mechanical air intake openings.
3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section 8.3.1.4.
4. Purging operations introducing fuel gas shall be stopped when 90% fuel gas by volume is detected within the pipe.
5. Persons not involved in the purging operations shall be evacuated from all areas within 10 ft of the point of discharge.

8.3.1.4* Combustible Gas Indicator. The combustible gas indicator used during purging operations shall be listed and shall be calibrated in accordance with the manufacturer's instructions and recommended schedule. The combustible gas indicator used for pipe discharge monitoring shall numerically display a volume scale from 0% to 100% with a resolution of not greater than 1% increments.

8.3.2* Piping systems allowed to be purged indoors or outdoors. The purging of piping systems shall be in accordance with the provisions of Section 8.3.2.1 where the piping system meets both of the following:

1. The design operating pressure is 2 psig or less.
2. The piping being purged is constructed entirely from pipe or tubing of 2 inch nominal size or smaller, or larger pipe or tubing with lengths shorter than specified in Table 8.3.1.1.

8.3.2.1* Purging procedure. The piping system shall be purged in accordance with one or more of the following:

1. The piping shall be purged with fuel gas and shall discharge to the outdoors.
2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.
3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.
4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with 8.3.2.2. Purging shall be stopped when fuel gas is detected.
5. The piping shall be purged by the gas supplier in accordance with written procedures.

8.3.2.2 Combustible Gas Detector. The combustible gas detector used during purging operations shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions and recommended schedule. The combustible gas detector used for pipe discharge monitoring shall indicate the presence of fuel gas.

8.3.3 Purging appliances and equipment. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.

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ANNEX A

A.8.3 The process of purging gas piping of fuel gas or charging gas piping that is full of air with fuel gas must be performed in a manner that will minimize the potential for a flammable mixture

to be developed within the piping. Also, a significant amount of flammable gas should not be released within a confined space. Natural gas and propane suppliers add a distinctive odor to their gas to aid in its detection. However, when a new system is brought into service and unodorized gas is detected, the company supplying the gas should be contacted to inform it of the situation and to determine what action should be taken.

A.8.3.1 Section 8.3.1 describes the characteristics of gas piping systems that are required to be purged only to the outdoors. The criteria were selected to distinguish between piping systems located in industrial, large commercial, and large multifamily buildings from those located in light commercial and smaller residential buildings. The gas piping systems installed in industrial, large commercial and large multifamily buildings are considered to be larger more complex systems for the purposes of defining their purging requirements. Because of their larger pipe volumes or potential for higher flow rates, these systems require procedures to ensure that large volumes of fuel gases are not released indoors and that flammable mixtures do not occur within the piping itself. Installers of these complex systems deal with considerably more variables that may result in a higher potential for discharge of large gas volumes during purging operations.
Specific occupancy categories such as industrial, manufacturing, commercial and large multifamily were not included in the fuel gas code. U.S. building codes define these occupancies for the purpose of construction and safety requirements. There is no general relation between the occupancy types, as defined by the building codes, and the size of gas piping system to be installed in that occupancy. The gas piping size and operating pressure are based on the nature of the piping system and gas appliances to be installed and are not dependent upon a building's occupancy type or classification.

A.8.3.1.2 It is recommended that the oxygen levels in the piping be monitored during the purging process to determine when sufficient inert gas has been introduced. The manufacturer's instructions for monitoring instruments must be followed when performing purge operations.

A.8.3.1.4 Combustible gas indicators are available with different scales. For purging, it is necessary to use the percent gas in air scale and to follow the manufacturer's operating instructions. The % LEL scale should not be used as it is not relevant to purging.

A.8.3.2 The criteria were selected to describe typical gas piping systems located in light commercial and the smaller residential family buildings. Gas piping systems installed in these buildings are considered to be smaller and less complex systems for the purposes of defining their purging requirements. Installers have familiarity with purging these systems and the potential for discharge of large gas volumes during purging operations is low. Also see A.8.3.1.

A.8.3.2.1 Where small piping systems contain air and are purged to either the indoors or outdoors with fuel gas, a rapid and uninterrupted flow of fuel gas must be introduced into one end of the piping system and vented out of the other end so as to prevent the development of a combustible fuel/air mixture. Purging these systems can be done either using a source of ignition to ignite the fuel gas or by using a listed combustible gas indicator that can detect the presence of fuel gas.

SUBSTANTIATION: The purging requirements for purging indoors and outdoors are recommended to be revised to provide increased safety procedures including gas detection, monitoring, and the location of discharge points. Purging requirements are specified depending upon the size of the piping system in terms of pipe diameter/length and operating pressure. The pipe diameter/length and pressure criteria are selected to distinguish between large industrial and commercial systems and smaller commercial and residential systems. Large systems have pipe volumes or potential for higher flow rates that require procedures to ensure that large volumes of fuel gases are not released indoors and that flammable mixtures do not occur within the piping itself. Installers of these complex systems deal with considerably more variables that may result in a higher potential for discharge of large gas volumes during purging operations. All large systems are required to be purged outdoors and the use of a combustible gas indicator is mandated. For smaller systems, the purging requirements allow five options that have been shown to be effective and are widely used. These include purging through the appliance's burner, purging through a standalone burner, directly to the outdoors, to the indoors using a combustible gas detector and in accordance with the written purging procedures of a gas supplier. The revised purging requirements recognize that gas suppliers have been successfully conducting purging operations with their trained personnel. Installers of smaller systems have familiarity with purging these systems and the potential for discharge of large gas volumes during purging operations is low. Annex A material is added to inform the user the gas is odorized but in some new systems where the odor is not detected the gas supplier is to be contacted. Annex A material is also added to help explain the used of pipe diameter/length and operation pressure as a determining point, new material on combustible gas indicators and detectors, and other information to consider when purging.

The National Fuel Gas Code Technical Committee has proposed this Amendment to section 8.3 on purging of gas piping because of the Technical Committee's awareness of purging incidents including the investigation findings of the U.S. Chemical Safety and Hazard Investigation Board (CSB). The current requirements of the code provide a performance approach to establishing safe conditions but do not differentiate between the discharge of the purge gas indoors or outdoors. The Committee has determined that the purging provisions should be amended to require gas purging of piping for industrial, commercial and similar large facilities to be discharged outdoors only. Additional requirements for safe purging of other fuel gas installations have also been included. Information provided by the CSB as part of their investigation highlighted the hazards of discharging purge gas from piping to indoor locations for the Technical Committee.