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## American National Standards

### Call for comment on proposals listed

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

#### Ordering Instructions for "Call-for-Comment" Listings

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

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

\* Standard for consumer products

## Comment Deadline: September 1, 2013

### NSF (NSF International)

#### Revision

BSR/NSF 140-201x, Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

This Standard can be used on any carpet product; however, it is intended to be used for evaluation of commercial carpet products by providing a product evaluation methodology that is additive to emerging commercial green building standards.

[Click here to view these changes in full](#)

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

### UL (Underwriters Laboratories, Inc.)

#### New Standard

BSR/UL 681-201x, Standard for Safety for Installation and Classification of Burglar and Holdup Alarm Systems (new standard)

This re-circulation proposal provides revisions to the UL 681 proposals dated 4-5-13.

[Click here to view these changes in full](#)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Dale Ivery, (919) 549-0989, [Dale.Ivery@ul.com](mailto:Dale.Ivery@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 414-201x, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2009c)

Resolves comments received by UL to the following proposal topics for UL 414, which were originally published on March 15, 2013: (1) Addition of a requirement to cover exposed energized bus work in the meter enclosure; and (2) Addition of a requirement to prevent the mounting of connections above the line terminals.

[Click here to view these changes in full](#)

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1286-201x, Standard for Office Furnishings (revision of ANSI/UL 1286-2011b)

(2) Additional requirements for video display (flat panel TV) mounting on office furnishings.

[Click here to view these changes in full](#)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Malohn, (847) 664-1725, [Susan.P.Malohn@ul.com](mailto:Susan.P.Malohn@ul.com)

## Comment Deadline: September 16, 2013

### AAMI (Association for the Advancement of Medical Instrumentation)

#### Reaffirmation

BSR/AAMI/ISO 14937-2000 (R201x), Sterilization of health care products - General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices (reaffirmation of ANSI/AAMI/ISO 14937-2000)

Specifies general requirements for the characterization of a sterilizing agent and for the development, validation and routine monitoring and control of a sterilization process for medical devices. Applies to sterilization processes in which microorganisms are inactivated by physical and/or chemical means. Intended to be applied by process developers, manufacturers of sterilization equipment, manufacturers of medical devices to be sterilized, and organizations responsible for sterilizing medical devices.

Single copy price: 60.00 (AAMI members)/\$120.00 (non-members)

Obtain an electronic copy from: <http://my.aami.org/store>

Order from: <http://my.aami.org/store>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Colleen Elliott, (703) 253-8261, [celliott@aami.org](mailto:celliott@aami.org)

### AAMI (Association for the Advancement of Medical Instrumentation)

#### Reaffirmation

BSR/AAMI/ISO 17665-1-2005 (R201x), Sterilization of health care products - Moist heat - Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices (reaffirmation of ANSI/AAMI/ISO 17665-1-2005)

Specifies requirements for the development, validation and routine control of a moist heat sterilization process for medical devices. Moist heat sterilization processes covered by ISO 17665-1:2006 include but are not limited to: saturated steam venting systems; saturated steam active air removal systems; air steam mixtures; water spray; water immersion.

Single copy price: 60.00 (AAMI members)/\$120.00 (non-members)

Obtain an electronic copy from: <http://my.aami.org/store>

Order from: <http://my.aami.org/store>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Colleen Elliott, (703) 253-8261, [celliott@aami.org](mailto:celliott@aami.org)

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

#### Addenda

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

This addendum adds MS/TP Extended Frames. Since BACnet now supports higher baud rates for MS/TP, increasing the frame sizes will allow better throughput as well as opening up future possibilities that the ability to carry full ethernet-sized frames will enable.

Single copy price: \$35.00

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

Order from: [standards.section@ashrae.org](mailto:standards.section@ashrae.org)

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

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

### **Addenda**

BSR/ASHRAE Addendum o to ANSI/ASHRAE Standard 135.1-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)

Error situations were identified for SubscribeCOV in Addendum 135-2008h, but not for SubscribeCOVProperty. This addendum aligns SubscribeCOVProperty error codes with SubscribeCOV.

Single copy price: \$35.00

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

Order from: [standards.section@ashrae.org](mailto:standards.section@ashrae.org)

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

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

### **Revision**

BSR/ASHRAE Standard 22-2013, Methods of Testing for Rating Liquid Cooled Refrigerant Condensers (revision of ANSI/ASHRAE Standard 22-2007)

This revision of Standard 22-2007 updates the Title, Purpose, and Scope; implements mandatory language; adds requirements to use enthalpy for Primary Test Calculation and uncertainty analysis, and adds three informative annexes. Overall, this standard prescribes methods for testing liquid-cooled refrigerant condensers.

Single copy price: \$35.00

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

Order from: [standards.section@ashrae.org](mailto:standards.section@ashrae.org)

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

## **AWWA (American Water Works Association)**

### **Revision**

BSR/AWWA D110-201x, Wire- and Strand-Wound, Circular, Prestressed Concrete Water Tanks (revision of ANSI/AWWA D110-2004)

The intent of this standard is to describe current recommended practice for the design, construction, inspection, and maintenance of wire- and strand-wound, circular, prestressed concrete water-containing structures with the following four types of core walls: Type I - cast-in-place concrete with vertical prestressed reinforcement; Type II - shotcrete with a steel diaphragm; Type III - precast concrete with a steel diaphragm; and Type IV - cast-in-place concrete with a steel diaphragm.

Single copy price: \$20.00

Obtain an electronic copy from: [vdavid@awwa.org](mailto:vdavid@awwa.org)

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

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

## **CSA (CSA Group)**

### **Revision**

BSR Z21.97-201x, Standard for Outdoor Decorative Gas Appliances (same as CSA 2.41) (revision of ANSI Z21.97-2012)

Decorative gas appliances for outdoor installation for use with natural gas and propane. For connection to a fixed fuel piping system, or an integral self-contained liquefied petroleum gas supply system, provided the appliance incorporates mounting means for the attachment of a maximum of two cylinders, or to a remote self-contained liquefied petroleum gas supply system. These requirements apply to appliances operating at inlet gas pressures not exceeding 1/2 psig (3.5 kPa).

Single copy price: \$175.00

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

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

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

## **ECA (Electronic Components Association)**

### **New Standard**

BSR/EIA 944-201x, Surface Mount Chip Bead Qualification Specification (new standard)

This specification defines the qualification program for surface mount ferrite chip beads. The qualification program is defined in Table 1. Specification sheets can be added, as required, to define specific products or to cover unique/specific requirements. This document does not relieve the supplier of their responsibility to their own company's internal qualification program.

Single copy price: \$75.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) 1-877-413-5184

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

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

## **NEMA (ASC C8) (National Electrical Manufacturers Association)**

### **New Standard**

BSR/NEMA HP 5-201x, Electrical and Electronic Crosslinked, Modified Polyethylene (XLPE) Insulated, 125 C Hook-UP Wire, Types L (600 V), LL (1000 V), and LX (3000 V) (new standard)

This standards publication covers specific requirements for crosslinked, modified, polyethylene insulated solid and stranded wire, designed to the internal wiring of high-reliability electrical and electronic equipment.

Single copy price: \$65.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/HP%205-2009/\(A\)%20ANSI%20Forms%20and%20Information%20to%20ANSI/HP5-2009%205\\_7\\_2009%20Ed.pdf](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/HP%205-2009/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/HP5-2009%205_7_2009%20Ed.pdf)

Order from: Ryan Franks, (703) 841-3271, [ryan.franks@nema.org](mailto:ryan.franks@nema.org)

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

**UL (Underwriters Laboratories, Inc.)****Reaffirmation**

BSR/UL 147B-2008 (R201x), Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (reaffirmation of ANSI/UL 147B-2008)

These requirements cover nonrefillable (disposable) aerosol-type metal-container assemblies, charged with a commercial-grade hydrocarbon fuel gas (primarily butane), constructed, charged, and marked in accordance with Code of Federal Regulations, Title 49, Specification 2P or 2Q.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

**UL (Underwriters Laboratories, Inc.)****Reaffirmation**

BSR/UL 147A-2009 (R201x), Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (reaffirmation of ANSI/UL 147A-2009)

These requirements cover nonrefillable cylinder assemblies for use with propane, Methylacetylene-Propadiene, Stabilized (MPS-Gas), and propylene.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

**UL (Underwriters Laboratories, Inc.)****Reaffirmation**

BSR/UL 1638-2008 (R201x), Standard for Safety for Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling (reaffirmation of ANSI/UL 1638-2008)

Reaffirmation of current ANS, which covers electrically operated visual signaling appliances, rated 300 volts or less, intended for indoor locations, outdoor locations, or both, in accordance with NFPA 70, National Electrical Code, and NFPA 72, National Fire Alarm Code.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

**UL (Underwriters Laboratories, Inc.)****Reaffirmation**

BSR/UL 1971-2008 (R201x), Standard for Safety for Signaling Devices for the Hearing Impaired (reaffirmation of ANSI/UL 1971-2008)

Reaffirmation of current ANS, which covers emergency-signaling devices for the hearing impaired. The devices and/or systems covered by this standard are suitable for use in a controlled environment, or in an uncontrolled environment as indicated in the product marking. These devices are to be used in accordance with the requirements of the National Fire Alarm Code, NFPA 72.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

**UL (Underwriters Laboratories, Inc.)****Revision**

BSR/UL 1203-201X, Standard for Safety for Explosion-Proof and Dust-Ignition Proof Electrical Equipment for Use in Hazardous (Classified) Locations (Proposal dated 08-02-13) (revision of ANSI/UL 1203-2009)

This proposal includes the proposed fifth edition of the Standard for Explosion-Proof and Dust-Ignition Proof Electrical Equipment for Use in Hazardous (Classified) Locations, with updates and editorial corrections.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Vickie Hinton, (919) 549-1851, [vickie.t.hinton@ul.com](mailto:vickie.t.hinton@ul.com)

**Comment Deadline: October 1, 2013****ASSE (ASC Z359) (American Society of Safety Engineers)****Revision**

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

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

Single copy price: \$80.00

Obtain an electronic copy from: [TFisher@ASSE.Org](mailto:TFisher@ASSE.Org)

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) 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:

**ASTM (ASTM International)**

BSR/ASTM D5502-200x, Standard Test Method for Apparent Density by Physical Measurements of Manufactured Anode and Cathode Carbon Used by the Aluminum Industry (new standard)

**ASTM (ASTM International)**

BSR/ASTM D6971-200x, Standard Test Method for Measurement of Hindered Phenolic and Aromatic Amine Antioxidant Content in Non-zinc Turbine Oils by Linear Sweep Voltammetry (new standard)

**ASTM (ASTM International)**

BSR/ASTM D7130-200x, Standard Test Method for DC Comparative Tracking Index (DC-CTI) of Electrical Insulating Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM E5.13-199x, Practice for Conduction of Full Scale Oxygen Consumption Calorimetry Fire Tests (new standard)

**ASTM (ASTM International)**

BSR/ASTM E6.55-200x, Practice for Design and Construction of Low-Rise Frame Building Wall Systems to Resist Damage Caused by Intrusion of Water Originating as Precipitation (new standard)

**ASTM (ASTM International)**

BSR/ASTM E06.58-200x, Practice for Determining the Water Vapor Transmission(WVT) of EIFS Components and Combinations of Components (new standard)

**ASTM (ASTM International)**

BSR/ASTM E6.81-199x, Standard Practice for Measuring Cost Risk of Buildings and Building Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM E06.81-200x, Classification for Allowance, Contingency and Reserve Sums in Building Construction Estimating (new standard)

**ASTM (ASTM International)**

BSR/ASTM E994-200x, Standard Guide for Calibration and Testing Laboratory Accreditation Systems General Requirements for Operation and Recognition (new standard)

**ASTM (ASTM International)**

BSR/ASTM E2084-200x, Standard Specification for Authentication of Healthcare Information Using Digital Signatures (new standard)

**ASTM (ASTM International)**

BSR/ASTM E2085-200x, Standard Guide on Security Framework for Healthcare Information (new standard)

**ASTM (ASTM International)**

BSR/ASTM E2086-200x, Standard Guide for Internet and Intranet Healthcare Security (new standard)

**ASTM (ASTM International)**

BSR/ASTM E2571-200x, Specification for Healthcare Conceptual Process Model (new standard)

**ASTM (ASTM International)**

BSR/ASTM F838-200x, Test Method for Determining Bacterial Retention of Membrane Filters Utilized for Liquid Filtration (new standard)

**ASTM (ASTM International)**

BSR/ASTM PS046-199x, Practice for the Collection of Surface Dust by Air Sampling Pump Vacuum Technique for Lead Determination (new standard)

**ASTM (ASTM International)**

BSR/ASTM PS074-199x, Provisional Practice for Quality Systems for Conducting in Situ Measurements of Lead Content in Paint or Other Coating Using Portable X-Ray Fluorescence (XRF) Devices (new standard)

**ASTM (ASTM International)**

BSR/ASTM PS087-199x, Practice for Ultrasonic Extraction of Paint, Dust, Soil and Air Samples Subsequent Determination of Lead (new standard)

**ASTM (ASTM International)**

BSR/ASTM PS92-199x, Provisional Specification for Plastic Plastisol (for Coating Metallic Objects) (new standard)

**ASTM (ASTM International)**

BSR/ASTM PS123-200x, Provisional Specification for Polyethylene (PE), and Copolymers Molding and Extrusion Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK238-200x, Guide to Use of Cadmium Telluride (CT) and Cadmium Zinc Telluride (CZT) Detectors for Gamma Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK303-200x, Guide for Smoke Barrier Walls and Partitions (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK532-200x, Practice for Marine Electrical Installations: Grounding and Bonding1 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK651-200x, Practice for Set-Up, Calibration and Quality Control of Instruments Used for Radioactivity Measurements (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK857-200x, Specification for Polypropylene (PP) Hot and Cold Water Piping Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK990-200x, Standard Specification for Eye Protective Devices for Airsoft Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2006-200x, Guide for Use in the Evaluation of Thermal Decomposition Products from Electrical Insulating Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2041-200x, Practice for Assessing Low Levels of Heat Release of Building Products (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2042-200x, Test Method for Evaluating Non-Foam Thermoplastic Building Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2248-200x, Hot Plate Digestion, Microwave Digestion and Ultrasonic Extraction of Dust Wipe, Soil, Paint, and Air Samples for the Determination of Lead (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2350-200x, Guide for Establishing the Relationship Between Analyzer and Primary Test Method Results Using Relevant ASTM Standard Practices (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2379-200x, Test Method for Determining Chemical Compatibility of Thread Sealants with Thermoplastic Threaded Pipe and Fittings Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2441-200x, Flow-Metering Devices for Connection to Terminal Units of Medical Gas Pipeline Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2482-200x, Test Method for Evaluating the oxidative Resistance of Multilayer Polyolefin Tubing to Hot Chlorinated Water (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2527-200x, Hard Surface Floor Cleaning Test Method (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2529-200x, Test Method for Determination of Total Sulfur in Light Hydrocarbons, Motor Fuels and Oils by Gas Chromatography with Flame Photometric Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2605-200x, Guide for Laboratory Monitors (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2656-200x, Test Method for Deflection Testing of Pole Vaulting Poles (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2657-200x, Specification for Deflection Testing and Weight Rating of Pole Vault Poles for Standard Pole Lengths (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2660-200x, Specification for Impact Attenuation of Box Collars Around Pole Vault Boxes (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2667-200x, Specification for Impact Attenuation of Base Pads Around Pole Vault Standards (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2791-200x, Test Method for Determination of Metal Cyanide Complexes in Wastewater, Surface Water, Groundwater and Drinking Water Using Anion Exchange Chromatography with UV Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2792-200x, Test Method for Non Destructive and Destructive Testing of Pole Vaulting Poles (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2793-200x, Specification for Nondestructive and Destructive Stress Testing of Pole Vaulting Poles (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2841-200x, Boiling Point Distribution of Samples with Residues Such as Crude Oils, Lubricants, and Atmospheric and Vacuum Residues by High Temperature Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2845-200x, Determination of Methanol in Crude Oils by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK2855-200x, Test Method for Density, Relative Density or API Gravity of Liquid Petroleum by Portable Digital Density Meter (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3050-200x, Practice for Rehabilitation of Existing Structures by Cured-in-Place Thermosetting Resin Liners (CIPTRL) (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3161-200x, Guide for the Use of Data for Building Product Sustainability Assessment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3251-200x, Practice for Predicting and Measuring Lag Times for On-Line Sampling (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3366-200x, Determination of Hydrocarbon Impurities in High Purity Propylene by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3370-200x, Test Methods for Evaluation of Fitness Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3457-200x, Helmets for Use in Riding Motorcycles and Motorscooters (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3458-200x, Specification for Helmets for Whitewater Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3467-200x, Specification for Floor Padding for Martial Arts Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3469-200x, Safety Specification for Floating Trampolines (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3584-200x, Test Method for Low Sulfur in Road Fuels by Energy-Dispersive X-Ray Fluorescence Spectrometry Using a Low-Background Proportional Counter (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3604-200x, Test method to determine the misting tendencies of metalworking fluids (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3619-200x, Guidance in the Design and Validation of Closed-Loop Controllers for Anesthetic and Respiratory Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3685-200x, Specification for Large Diameter Steel Reinforced Polyethylene (PE) Corrugated Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3686-200x, Specification for Polypropylene (PP) Corrugated Pipe and Corrugated Dual Wal PP Pipe (4" through 25") (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK3768-200x, Test Method for Total Halogens and Sulfur in Organic Matrices by Pyrohydrolytic Oxidative Combustion followed by Detection by Ion Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4034-200x, Specifications for Cured-in-Place (CIPP) Technologies for Non-Pressure Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4052-200x, Determination of Total Phosphorus (P) in water (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4058-200x, Test Method for Aquatic Free Cyanide with Flow Injection Analysis (FIA) Utilizing Gas Diffusion Separation and Amperometric Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4068-200x, Continuous Luminescence-Based Sensor Method for the Determination of Dissolved Oxygen (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4193-200x, Test Method for the Determination of Turbidity Above 1 TU in the In-Situ Mode (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4328-200x, Practice for Set-up, Calibration, and Quality Control of Instruments Used for Radioactivity Measurements (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4341-200x, Practice for Determining the Resistance of Single Glazed Annealed Architectural Flat Glass to Thermal Loadings (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4391-200x, Test Method for the Rapid Determination of Corrosiveness to Copper from Petroleum Products using a Disposable Copper Foil Strip (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4473-200x, Standard Practice for the Repair of Damaged Lateral or Sewer Pipe using a Resin-Impregnated Fiberglass Cure-in-Place Patch (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4602-200x, Proposed Standard Test Method for Determination of the Boiling Range Distribution of Gasoline by Wide-Bore Capillary Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4650-200x, Specification for 4 to 25 inch (100 to 625 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Dual Wall Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4829-200x, Test Method for Determining Perimeter Fire Containment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4879-200x, Practice for Determining the Environmental Performance of Electric Power Generation Facilities and Infrastructure (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4972-200x, Specification for Seal-less Oil-thru Lube Oil Pump for Marine Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4991-200x, Specification for Ship Ballast Water System for Non-Indigenous Species Control (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4992-200x, Seawater Scrubbing Systems for Removing Sulfur Oxides (SOx) from Shipboard Engine Exhaust (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4993-200x, Specification for Selective Catalytic Reduction (SCR) Systems for Removing Nitrogen Oxides (NOx) from Shipboard Engine Exhaust (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK4994-200x, Shipboard Pollution Control and Pollution Prevention Design Guidance (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5018-200x, Method for Testing of Through-Penetration Firestops (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5019-200x, Specification for Multi-Cable Penetration/Firestops (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5020-200x, Specification for Soft Seal Firestops (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5137-200x, Proposed Standard Test Method for Trace Volatile Sulfur Compounds in Ethylene and Propylene by Gas Chromatography and Sulfur Selective Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5211-200x, Standard Test Method for Insolubles by Filtration (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5212-200x, Standard Practice for Calculating the Viscosity of Blends of Petroleum Products (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5219-200x, Standard Practice for Installation of Fenestration Products for Laboratory Air, Water and Structural Testing (reaffirmation)

**ASTM (ASTM International)**

BSR/ASTM WK5287-200x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5436-200x, New Guide for Extension of Data from Fire Tests Conducted in Accordance with ASTM E 814 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5454-200x, Practice for Minimizing Effects of Aerosols in the Wet Metal Forming Environment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5518-200x, Standard Practice for Performance of Tribometers (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5648-200x, Freezing Point of Aviation Fuels (Automatic Laser Method) (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5649-200x, Freezing Point of Aviation Fuels (Automatic Fiber Optic Method) (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5705-200x, Test Method for the Boiling Range Distribution of Petroleum Distillates in the Boiling Range from 100 to 615 C by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5747-200x, Standard Specification for Body Protectors Used in Lacrosse (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5755-200x, Standard Specification for Design and Installation of Seawater Piping Anti-Bio Fouling Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5821-200x, Test Method for Stress Cycling of Plastic Piping Mechanical Device Joints (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5916-200x, Specification for Electrical Grade Crepe Paper (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5922-200x, Specification for Low Pressure Large Diameter High Density Polyethylene (HDPE) Corrugated Dual Wall Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5960-200x, Standard Test Method for Determining Water Separation Characteristics of Kerosene-Type Aviation Turbine Fuels Containing Additives by Portable Separometer (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK5982-200x, Standard Test Method for Measurement of Particulate Emissions and Heating Efficiency of Outdoor Wood-Fired Hydronic Heating Units. (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6179-200x, Standard Graphical Indicator for Tiered Software Architecture (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6181-200x, Standard Reference Values for ANSI/ADA Specification 1000 Clinical Data Architecture (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6208-200x, Standard Classification of Clinical Information System Features (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6481-200x, Test Method for Determination of the Oxidation of Used Lubricants by FT-IR using Peak Area Increase Calculation (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6515-200x, Standard Test Method for 99TC in Water by Solid Phase Extraction Disk (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6536-200x, Condition Monitoring of Nitration in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6537-200x, Condition Monitoring of Oxidation in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6538-200x, Condition Monitoring of Sulfate By-Products in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6539-200x, Condition Monitoring of Soot in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6540-200x, Condition Monitoring of Fuel (Diesel and Gasoline) Contamination in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6542-200x, Condition Monitoring of Water Contamination in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6543-200x, Condition Monitoring of Antiwear Depletion in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6553-200x, Standard Terminology for Health Information Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6554-200x, Standard Specification for the Representation of Encoded Data in Health Information Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6582-200x, Annex 6 to D2887: Calculation of D56/D93/D3828 equivalent data from D2887 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6621-200x, Standard Test Method for Acid Number in Petroleum and Synthetic Lubricants by Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6622-200x, Standard Test Method for Base Number in Petroleum and Synthetic Lubricants by Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6623-200x, Standard Test Method for Determination of Water in Petroleum and Synthetic Lubricants by Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6802-200x, Standard Specification for Helmet Labeling (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK6861-200x, Standard Test Method for Hydrogen Content of Middle Distillate Petroleum Products by Low-Resolution Pulsed Nuclear Magnetic Resonance Spectroscopy. (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7005-200x, Standard Practice for DQCALCT Software for Detection and Quantitation Estimation and Data Assessment Based on ASTM Practices D6091, D6512, and D2777 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7078-200x, Temperature Correction for the Volume of NGL and LPG (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7263-200x, Standard Test Methods for Compression-Displacement of Softball Bat Barrels (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7323-200x, Test Method for Analysis of Liquefied Petroleum (LP) Gases and Propane Concentrates by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7330-200x, Determination of Boiling Range Distribution of Distillates and Lubricating Base Oils - Gas Chromatography Method (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7527-200x, Standard Test Method for Determination of Olefins and Aromatics in Spark-Ignition Engine Fuels Using Infrared Spectroscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7669-200x, Wildland fire (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7710-200x, Standard Test Method for Flash Point by Automatic Small Scale Closed Cup Tester (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7784-200x, Standard Test Method for Exposure of Crosslinked Polyethylene to Ultraviolet (UV) Radiation (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7809-200x, Test Method for Quick Testing of Joint Restraint Devices for Use on PVC Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7811-200x, Test Method for Cyclic Testing of Joint Restraint Devices for Use on PVC Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7875-200x, F17 Manual of Form and Style (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK7962-200x, Statistical Data Analysis for the Measurement of Sulfur in Petroleum Products by X-Ray Fluorescence Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK8178-200x, Standard Practice for Dosimetry System's Used in Radiation Processing (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK10959-200x, Specification for High Density Polyethylene (HDPE) and Encapsulated High Strength Grout Formed in Place Lining System (FIPLS) for the Rehabilitation of Conduits and Sewers (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK10960-200x, Practice for Installation of High Density Polyethylene (HDPE) and Encapsulated High Strength Grout Formed in Place Lining System (FIPLS) for the Rehabilitation of Conduits and Sewers (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK11237-200x, New Standard Specification for Polyethylene (PE) Corrugated Wall Chambers for Use in Drainage and Wastewater Disposal Absorption Fields (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK12692-200x, New Guide for Ball Field Components (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK13473-200x, Calculation of Crude Oil Volume Percent Data from Simulated Distillation Weight Percent Data (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK13481-200x, Standard Test Method for Determination of Static Dissipator Additives in Aviation and Middle Distillate Fuels (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK17856-200x, New Test Method for evaluating the fire test response of deck structures to burning brands (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK18313-200x, New Test Method for Determination of Benzene and Total Aromatics in Denatured Ethanol by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK20539-200x, New Test Method for Counting and Sizing Particles in Light and Middle Distillate Fuels, and Liquid Biofuels, by Automatic Particle Counter (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK20736-200x, New Test Method for Determination of Moisture in Lubricating Oils and Additives by Relative Humidity Sensor (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21246-200x, Behavior of Materials in a Tube Furnace with a Cone-Shaped Airflow Stabilizer, at 750 C (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21353-200x, New Test Methods for Standard Test Methods for Fire Testing of Components and Composites of Upholstered Furniture Using Flaming Ignition Sources (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21463-200x, Triglyceride Burner Fuels (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21465-200x, New Test Method for Measurement of Antioxidant Content In medium to high temperature greases by Linear Sweep Voltammetry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21727-200x, Bench Oxidation of Engine Oils by ROBO Apparatus (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK21755-200x, The Determination of Trace Elements in Biodiesel Fuel Blends Using Inductively Coupled Plasma Atomic Emission Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK22273-200x, New Practice for Flammability of Surface Systems for Use Under and Around Playground Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK22318-200x, New Practice for Specimen Preparation and Mounting of Insulation Facings to Assess Surface Burning Characteristics (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK24099-200x, New Specification for Calibration and Testing Unleaded Material with a Minimum 100 Octane Rating (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK25760-200x, New Guide for Quantification of Fire Exposures (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK26017-201x, New Guide for Extension of Data from Fire Tests Conducted in Accordance with ASTM E814 (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK26073-201x, New Test Method for Performance of Cook-and-Hold Ovens (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK28125-201x, New Practice for Paintball Field Operation Involving Young Participants (16 years of age and under) (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK28743-201x, New Specification for Polyamide Gas Pressure Pipe, Tubing and Fittings (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK32156-201x, New Practice for Air Soft Game Field Operation (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK33207-201x, Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDRPR) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0032Z-200x, Standard Test Method for the Measurement of Sleeping Bags (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0039Z-200x, Standard Practice for Determining the Thermal Performance Classification of Wood-Fired Fireplaces, Heating Fireplaces, and Masonry Heaters (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0066Z-200x, Guide for Design of Earthen Construction (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0070Z-200x, Standard Specification for Paintball Markers (Multi-Mode Permitted) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0075Z-200x, Guide for Sustainability Relative to Building (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0076Z-200x, On-Site Inspection of Installed Fire Resistive Joints Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0078Z-200x, Specification for Expanded Polystyrene ("EPS") Thermal Insulation Boards for Use in Exterior Insulation and Finish Systems ("EIFS") (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0088Z-200x, Test Method for Determining Air Flow Through the Face and Sides of Exterior Windows, Curtain Walls, and Doors under Specified Pressure Differences across the Specimen (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0093Z-200x, Specification for "4 to 10 Inch" (100 to 250 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Gravity Flow Sewer and Subsurface Drainage Applications (Project #62-01-01) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0094Z-200x, Specification for 12 to 60 Inch (300 to 1500 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Gravity Flow Sewer and Subsurface Drainage Applications (Project #62-01-02) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0105Z-200x, Standard Practice for Installation of High Density Polyethylene (HDPE) and High Strength Grout Formed in Place Lining System (FIPLS) for the Rehabilitation of Conduits and Sewers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0112Z-201x, Test Method for Total Sulfur in Naphthas, Distillates, Reformulated Gasolines, Diesels, Biodiesels, and Motor Fuels by Oxidative Combustion and Electrochemical Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0116Z-200x, Test Method for Water Transmission through Reinforced Base Coats of Class PB Exterior Insulation and Finish Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0119Z-200x, Adoption of ISO 5360 without Deviations - Anesthetic Vaporizers - Specific Filling Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0127Z-200x, Specification for Series 10 Poly(Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter (Project #62-02-03) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0140Z-200x, Test Method for Determination of Total Sulfur in Light Hydrocarbons, Motor Fuels and Oils by Gas Chromatography with Flame Photometric Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0142Z-200x, Test Method for Sulfur in Gasoline and Diesel Fuel by Monochromatic Wavelength Dispersive X-Ray Fluorescence Spectrometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0155Z-200x, Test Method for Evaluating the Oxidative Resistance of Multilayer Tubing to Hot Chlorinated Water (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0167Z-200x, Guide for Laboratory Monitors (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0207Z-200x, Specification for High Density Polyethylene (HDPE) and High Strength Grout Lining System for the Rehabilitation of Conduits and Sewers<sup>1</sup> (67-00-04) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0210Z-200x, Test Method for Density, Relative Density or API Gravity of Liquid Petroleum by Portable Digital Density Meter (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0213Z-200x, Test Method for Evaluation of Automotive Engine Oils in the Sequence 111F, Spark-Ignition Engine (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0215Z-200x, Test Method for Evaluation of Moisture Corrosion Resistance of Automotive Gear Lubricants (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0216Z-200x, Test Method for Screening D2711 Candidates for Demulsibility Characteristics of Lubricating Oils (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0217Z-200x, Standard Practice for 99%/95% Within-Laboratory Detection Estimate (WDE) for Analytical Methods with Negligible Calibration Error (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0231Z-200x, Test Method for Determination of Oxygenates in Ethene, Propene, C<sub>4</sub>, and C<sub>5</sub> Hydrocarbon Matrices by Gas Chromatography and Flame Ionization Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0251Z-200x, Specification for Middle Distillate Fuel Oils Long-Term Storage Stability Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0254Z-200x, Test Methods for Fire Resistive Grease Duct Enclosure Systems (revision of ANSI/ASTM Z0216Z-200x)

**ASTM (ASTM International)**

BSR/ASTM Z0334Z-200x, Test Method for Measurement of the Leakage Currents from Smoke Deposited on Electric Circuits (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0364Z-200x, Test Method for the Performance of Powered Open Warewashing Sinks (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0372Z-200x, Test Method for Determining the Thermal Performance Rating of Wood-Fired Heating Fireplaces and Masonry Heaters (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0428Z-200x, Guide for Data Capture Through the Dictation Process (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z1507Z-200x, Standard Test Method for Determining the Electrical Resistance (Ionic) of an Alkaline Battery Separator using a Carbon Electrode in an Electrolyte Bath measuring System (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2341Z-200x, Practice for Marine Electrical Installations: Grounding and Bonding<sup>1</sup> (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2412Z-200x, Inorganic Sulfate in Ethanol by Potentiometric Lead Titration (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2423Z-200x, Water Separation Properties of Non-Aviation Compression and Spark Ignition Fuels (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2485Z-200x, Determine the Water Characteristics of Mid-Distillate Fuels (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2511Z-200x, Standard Test Method for Exposure of Crosslinked Polyethylene (PEX) to Ultraviolet (UV) Radiation (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2659Z-199x, Guide for Part Stream Sampling of Coal (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2671Z-200x, Standard Practice for Conducting a Measurement Systems Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3030Z-200x, Factors and Procedures for Applying the Mil-Std 105 Plans in Life and Reliability Inspection - Exponential Distribution (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3035Z-200x, Standard Test Method for Oxidation Stability of Biodiesel (B100) and Biodiesel Blends (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3043Z-200x, Standard Practice for Measurement of Gases Present or Generated during Fires Using Fourier Transform Infrared (FTIR) Spectroscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3452Z-200x, Standard Specification for Low-Energy Air Gun (LEAG) Warnings (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3505Z-199x, Test Method for Direct Sampling and Analysis of Dust by Electronic Microscopy for Mineral Fibers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3869Z-199x, Practice for Determination of Volatile Organic Chemical Emission Factors from Caulk and Sealant Products Using Small Environmental Chambers Under Defined Test Conditions (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3870Z-199x, Practice for Determination of Volatile Organic Compound Emission Factors from Spray-Applied Rigid Polyurethane Cellular Plastic Thermal Insulation Using Small Environmental Chambers Under Defined Test Conditions (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4175Z-199x, Test Method for Measurement of Acute Lethality from Products of Thermal Decomposition/Combustion of Specimens (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4864Z-199x, Practice for Bias Testing a Mechanical Coal Sampling System (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4946Z-199x, Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5493Z-199x, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5565Z-199x, Method for Testing of Through-Penetration Fire Stops for Marine Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5832Z-199x, Specification for Extruded and Compression Molded Shapes Made from Polycarbonate (PC) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5838Z-200x, Test Method for Measuring Noise Reduction of Sound-Isolating Enclosures in the Field (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5859Z-199x, Specification for Fire Resistive Joint Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z5872Z-199x, Test Method for Measurement of Smoke Obscuration Using Conical Radiant Source in a Single Closed Chamber, with the Test Specimen Oriented Horizontally (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6103Z-199x, Test Method for and Performance Specification for Jaw-Joint Protectors (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6259Z-199x, Test Method for Verified Analysis of Asbestos by Transmission Electron Microscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6272Z-199x, Practice for the Installation of Deformed/Reformed for Renewal of Existing Gas Distribution Pipelines (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6273Z-199x, Practice for the Installation of Deformed/Reformed PE Liner Pipe for Removal of Pipes for Water Distribution (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6330Z-199x, Guide for Sample Selection of Architectural Component Debris Waste from a Renovation of Lead Abatement Project for Toxic Characteristics Leaching Procedure (TCLP) or Waste Extraction Test (WET) Testing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6348Z-199x, Specification for Prediluted Aqueous Propylene Glycol base Coolant (50 Volume % Minimum) for Automobile and Light-Duty Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6367Z-199x, Provisional Test Method for Evaluating the Tensile-Adhesion Performance of an Exterior Insulation and Finish System (EIFS) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6368Z-199x, Test Method for Water Transmission Refined Base Coats of Class Pb Exterior Insulation and Finish Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6449Z-199x, Test Method for Determination of Sulfur Dioxide Concentration in Stationary Sources (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6450Z-199x, Method for Sampling and Counting Airborne Asbestos Fibers in the Workplace by Phased Contrast Microscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6451Z-199x, Test Method for Determination of Aerosol Hexamethylene Diisocyanate (Hdi) in Air with (Methoxy2 Phenyl1)piperazine (Mopip) in the Workplace (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6452Z-199x, Test Method for Determination of Gaseous Hexamethylene Diisocyanate (HDI) in Air with 9-(N-Methylaminomethyl) Anthracene Method (MAMA) in the Workplace (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6501Z-199x, Guide for General Criteria Used for Evaluating Inspection Body Competence (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6516Z-199x, Test Method for Polyurethane Raw Materials: Determination of Acidity in Moderate to High Acidity Aromatic Isocyanates (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6537Z-199x, Test Method for Measuring Sleeping Bag Packing Volume (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6538Z-199x, Test Method for Determining Sleeping Bag Dimensions (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6541Z-199x, Guide for Dosimetry in Radiation Research on Food and Agriculture Products (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6548Z-199x, Test Method for Water Resistance of Footwear, Using a Walking Step Simulator (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6550Z-199x, Test Method for Determining Hydrolytic Degradation of Plastic Materials in an Aqueous Solution (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6551Z-199x, Specification for Extruded, Compression Molded and Injection Molded Acetal Shapes (POM) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6592Z-199x, Test Method for Passive Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Mass Concentration (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6601Z-199x, Radiographic Examination for Soundness of Welds in Steel by Comparison to Graded ASTM E390 Reference Radiographs (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6660Z-199x, Test Method for the Volatile Content of Plastics and Organosols (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6661Z-199x, Test Method for Determination of Viscosity Number of Polyamide (PA) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6665Z-199x, Test Method for Deflection Temperature of Plastics Under Flexural Load by Thermo-mechanical Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6673Z-199x, Provisional Specification for Window Fall, Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6710Z-199x, Specification for Propylene Glycol Base Engine Coolant Concentrate for Automobile and Light-Duty Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6711Z-199x, Specification for Recycled Prediluted Aqueous Propylene Glycol Base Engine Coolant (50 Volume % maximum), for Automobile and Light Duty Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6712Z-199x, Test Method for Fire Resistance Tests of Elements of Building Construction (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6779Z-199x, Practice for Hazard Analysis of the Life Threat Components of Fire (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6792Z-199x, Specification for Nickel and Nickel Alloy Plate, Sheet and Strip (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6849Z-199x, Practice for Statistical Evaluation of Atmospheric Dispersion Models (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6871Z-199x, Practice for Determining the Volume Flow Rate of Gas Streams in Ducts (Automated Method) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6873Z-199x, Test Method for Determining Aerobic Biodegradation of Radiolabeled Plastic Material in a Compost Environment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6877Z-199x, Test Method for Open Cell Content of Rigid Cellular Plastics (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6880Z-199x, Methods of Test for Measurement of Material Flammability Using a Fire Propagation Apparatus (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6895Z-199x, Terminology Pertaining to Anchors (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6908Z-199x, Test Method for Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements Using Sound Intensity (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6913Z-199x, Provisional Guide for Preparing Lead Hazard Evaluation and Control Activity Notices (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6952Z-199x, Test Method for Screening Purposes for Measurement of Mass Loss and Ignitability Using a Conical Radiant Heater (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6999Z-199x, Test Method for Appearance of Polymerization-Grade Butadiene (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7024Z-199x, Practice for Qualification of Computed Radiographic Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7027Z-199x, Practice for Mechanized Ultrasonic Examination of Girth Welds Using Zonal Discrimination with Focussed Probes (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7028Z-199x, Test Method for Ultrasonic Surface Examination Using Electromagnetic Acoustic Transducer (EMAT) Techniques (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7085Z-199x, Test Method for Color Determination of Polyolefin Resin Pellets (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7093Z-199x, Practice for Determining Chemical Resistance of Plastic Structures Intended for Liquid Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7125Z-199x, Specification for Plastic Lumber Joists for Exterior Decking (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7126Z-201x, Specification for Engineered PVC Decking and Dock Boards (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7131Z-200x, Guide for Absorbed-Dose Mapping In Radiation Processing Facilities (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7162Z-199x, Specification for Redistilled Ethylene Glycol for Engine Coolant Use (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7173Z-199x, Test Method for Determination of the Sheer Strength of Electrofusion Joints in Thermoplastic Pipe (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7189Z-199x, Specification for Steel for Structural Shapes Used in Building Framing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7191Z-199x, Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7193Z-199x, Specification for Hot Isostatically Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7194Z-199x, Specification for Hot Isostatically Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7208Z-199x, Test Method for Determination of Sheer Strength of Electrofusion Joints (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7216Z-199x, New Standard Recommended Practice for Measuring Dimensions and Weight of Plastic Lids (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7226Z-199x, New Standard Test Method for Calculating International Runway Friction Index for Operational Use (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7227Z-201x, New Standard Test Method for Measuring the Frictional Properties of Winter Contaminated Pavement Surfaces Using a Spot Measuring Decelerometer (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7230Z-199x, Consumer Safety Specification for Infant Bath Seats (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7232Z-199x, Test Method for Determining Aerobic Degradation of Plastic Materials in a Full Scale Composting Environment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7246Z-199x, Test Method for Conducting Strength Tests of Floor or Roof Segments (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7259Z-199x, Guide for Conducting Risk Assessments of Residential Housing or Other Properties Frequented by Children (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7275Z-199x, Guide for Establishing Requirements for Bodies Operating Certification Systems for Personnel (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7312Z-199x, Practice for Enclosed Carbon-Arc Exposures of Plastics (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7381Z-199x, New Standard Guide for Evaluating Characteristics of Eddy Current Probes (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7447Z-199x, Specification for Stationary Activity Centers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7477Z-199x, Guide to Evaluation of Measurements Made by On-line Coal Analyzers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7566Z-199x, Practice for Marine Electrical Installations: Grounding and Bonding (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7579Z-199x, Test Method for Measuring Puncture Resistance of Protective Clothing Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7640Z-199x, Test Method of Examination of Fiberglass Reinforced Plastic Fan Blades Using Acoustic Emission (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7706Z-199x, Practice for Use of Synthetic Web Slings (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7707Z-199x, Specifications for Synthetic Web Slings (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7720Z-200x, Test Methods for Use and Calibration of In-Line Dry Lumber Moisture Meters (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7786Z-199x, Test Conditions or Required Information Sections (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7799Z-199x, Practice for Determination of Lead Content of Wooden Surfaces Following Removal of Leaded Paint (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7841Z-201x, Practice for Use of Color Codes Relating to Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7908Z-199x, Specification for Extruded and Compression Molded Shapes Made From Fulminated Materials (PSU, PES, PPSU) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7926Z-199x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled in PLCE Installation of Glass Reinforced Plastic (GRP) Cured-In-Place Thermosetting Resin Pipe (CIPP) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7933Z-199x, Test Method for Determining the Drainage Rate of Water Managed, EIFS Wall Cladding Assemblies (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7943Z-199x, Method for Determine the Flexural Properties of Unreinforced and Reinforced Polymeric Piles (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7944Z -199x, Specification for Polymeric Piles Used for Marine Fendering Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z7994Z-199x, Practice for Manual Sampling of Coal from Stockpiles (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8024Z-199x, Classification for Building Construction Field Requirements, Office Overhead and Incentive (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8036Z-199x, Guide for Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings - Indoor Air Quality (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8046Z-199x, Practice for the Specification and Evaluation of Pre-Construction Laboratory Mockups of Exterior Wall Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8103Z-199x, Test Method for Evaluating Anaerobic Biodegradability of Radiolabeled Test Materials in a Laboratory-Scale Simulated Landfill (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8185Z-200x, Setting an Upper Confidence Bound for a Fraction or Number of Non-Conforming Items, or a rate of Occurrence for Non-Conformities, Using Attribute Data when There Is a Zero Response in the Sample (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8305Z-200x, Test Methods for Determination of Absorption Corrections for Sound Fields in Rooms (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8367Z-200x, Test Method for the Detection and Enumeration of E.coli in Water and Wastewater (Membrane Filtration: B-Glucuronidase Method) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8387Z-200x, Standard Practice for Characterization of Coatings Using Conformable Eddy-Current Sensors without Coating Reference Standards<sup>1</sup> (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8507Z-200x, Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8569Z-200x, Test Method for Laboratory Preparation of Window and Door Products (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8571Z-200x, Guide for the Selection of Surfacing Under and Around Playground Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8647Z-200x, Test Method for Traction Characteristics of the Athletic Shoe - Sports Surface Interface (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8735Z-200x, Specification for Bicycle Serial Numbers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8735Z-200x, Standard Specification for Bicycle Serial Numbers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8776Z-200x, Specification for Circulating Liquid and Forced Air Patient Temperature Management Devices (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8788Z-200x, Alloy Steel Structural Shapes for Use in Building Framing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8798Z-200x, Practice for the Use of ASTM E331 for Evaluating Water Penetration Resistance of EIFS-Clad Wall Assemblies (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8816Z-200x, Specification for Color and Appearance Retention of Solid Colored Plastic Siding Products (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8826Z-200x, Test Methods for Measuring High Speed Baseball Bat - Performance Factor (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8864Z-200x, Guide for Detailing EIFS Wall Assemblies (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8879Z-200x, Guide for the Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Room of Health Care Facilities (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8899Z-200x, Practice for the Analysis of Halogenated Organic Solvents and Their Admixtures by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z8907Z-200x, Specification for Selectorized Strength Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9013Z-201x, Specification for Shatter Resistant (Limited Protection) Eyewear for Sports with Potential for Eye Impact (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9021Z-200x, Guide for Maintaining Warm Season Turfgrasses on Athletic Fields (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9022Z-200x, Guide for Construction and Maintenance of Warning Track Areas on Sports Fields (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9032Z-200x, Classification System for Acrylonitrile-Styrene-Acrylate (ASA) and Acrylonitrile-EPDM-Styrene (AES) Plastics and Alloys Molding and Extrusion Material (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9033Z-200x, Classification for Polyoxymethylene (POM, ACETAL) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9034Z-200x, Classification System for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9035Z-200x, Classification System for Polyamide Injection and Extrusion Materials (PA) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9040Z-200x, Specification for Paintball Markers (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9090Z-200x, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Systems to Assess Surface Burning Characteristics (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9108Z-200x, Practice Guide for Use in the Evaluation of Thermal Decomposition Products from Electrical Insulating Materials (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9144Z-200x, Standard Test Method for Determination of Total Volatile Sulfur in Liquefied Petroleum Gases and Gas Phase Hydrocarbons by Lead Acetate Tape Colorimetry (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9174Z-200x, Standard Practice for Portable Vickers Hardness Testing by the Ultrasonic Contact Impedance Method (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9189Z-200x, Practice for Record Keeping, Report Writing, and Record Preservation for Lead Hazard Identification and Management Activities (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9224Z-200x, Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquid Petroleum Gases by Oxidative Combustion and Microcoulometry (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9243Z-200x, Specification for Middle Distillate Fuel Oils - Long-Term Storage Stability Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9283Z-200x, Standard Practice for Diconde (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9316Z-200x, Specifying Harmonized Standard Grade Compositions for Wrought Carbon and Alloy Steels (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9324Z-200x, Type 11 Marine Sanitation Devices (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9332Z-200x, Assessing the Current-Voltage Cycling Stability at 90 C of Absorptive Electrochromic Coatings on Sealed Insulating Glass Units (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9344Z-200x, Specification for Ferroalloys, General Requirements (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9352Z-200x, Specification for Cold-Formed Electric-Resistance Welded Carbon Steel Structural Tubing, Exterior Zinc Coated (Galvanized) by the Hot-Dip Process (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9355Z-200x, Characterizing the Pressure Drop and Filtration Performance of Cleanable Filter Media (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9356Z-200x, Sampling and Determining Particulate Matter in Stack Gases Using an In-Stack, Inertial Microbalance (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9357Z-200x, Bronze Insert Fittings Utilizing a Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9359Z-200x, Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings - Acoustics (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9373Z-200x, Template and Guide for Preparing and Revising Product Specifications for Steel, Stainless Steel and Related Alloys (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9374Z-200x, Hardware Implementation for Computerized Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9411Z-200x, Practice for Firing of Masonry Heaters (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9427Z-200x, Anaesthetic Reservoir Bags (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9428Z-200x, Anaesthetic and Respiratory Equipment - Vocabulary (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9429Z-200x, Medical Electrical Equipment - Part 2-12: Particular Requirement for the Safety of Lung Ventilators - Critical Care Ventilators (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9430Z-200x, Use of UV-A Lamps, Visible Lamps and Meters used in the Liquid Penetrant and Magnetic Particle Methods (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9445Z-200x, Analysis of C5 Hydrocarbon Mixtures by Capillary Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9461Z-200x, Test Method for Biodegradable, Fire-Resistant Hydraulic Fluids - Part 2: Biodegradable, Fire-Resistant Hydraulic Fluids Used in the Mining Industry (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9462Z-200x, Test Method for Biodegradable, Fire-Resistant Hydraulic Fluids - Part 1: Biodegradable, Fire-Resistant Hydraulic Fluids for Industrial and Mobile Equipment Use (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9471Z-200x, Test Method for the Measurement of Distinctness of Image of High Gloss Surfaces with Visual-Instrumental Devices (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9531Z-201x, Specification for Surgical Gowns and Healthcare Protective Clothing for Protection of Healthcare Workers Against Bloodborne Pathogens (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9533Z-200x, Specification for Flame and Heat Resistant Protective Clothing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9566Z-200x, Poly(Vinyl Chloride) (PVC) Closed Profile Pipe and Fittings for Low Pressure Irrigation Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9569Z-200x, Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9580Z-200x, Test Methods for Bicycle Forks (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9585Z-200x, Specification for Headforms (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9588Z-200x, Specification for Condition 3 Bicycle Forks (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9599Z-200x, Test Method for Treestand Fall Protection Devices (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9600Z-200x, Standard Practice for Treestand Manufacturer Quality Assurance Program (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9615Z-200x, Specification for Edge Binding Components Used in Mattresses (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9661Z-200x, Specification for 12 to 60 Inch (300 to 1500 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications (Project #65-01-02) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9662Z -200x, Specification for 4 to 10 Inch (100 to 250 mm) Annular Corrugated Profile Wall Polyethylene (PE) and Fittings for Land Drainage Applications (Project #65-01-01) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9679Z-200x, Dosimetry in Radiation Processing of Fluidized Beds and Fluid Streams (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9728Z-200x, Evaluation of Automotive Engine Oils in the Sequence Iva Spark-Ignition Engine (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9730Z-200x, Trace Volatile Sulfur Compounds in Ethylene and Propylene by Gas Chromatography and Sulfur Selective Detection 1 (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9731Z-200x, Determination of Trace Metals in Pitch by Wavelength Dispersive X-Ray Fluorescence Spectroscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9734Z-200x, Classification for Biodegradable Fire Resistant Hydraulic Fluids (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9737Z-200x, Stability of Refinery Residual and Heavy Fuel Oils and Compatibility of Crude Oils by Heavy Fuel Oil Stability Analyzer (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9739Z-200x, Testing the Stability of Asphaltene-Containing Heavy Fuel Oils and Heavy Crude Oils by the Use of Light Transmittance Measurements (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9755Z-200x, Specification for In-Line Hockey Helmets Used in a Controlled or Uncontrolled Environment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9823Z-200x, Shipboard Oil Pollution Abatement System (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9833Z-200x, Test Method for the Evaluation of the Aeration Resistance of Engine Oils in a Direct-Injected Turbocharged Automotive Diesel Engine (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9867Z-200x, Standard Practice for Sampling a Continuous Stream of Product Units by Attributes, Indexed by AQL (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9873Z-200x, Test Method for Measuring Homogeneity and Miscibility in Automotive Engine Oils (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9876Z-200x, Test Method for the Determination of Ignition Delay and Derived Cetane Number (DCN) of Diesel Fuel Oils by Combustion in a Constant Volume Chamber (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9877Z-200x, Test Method for Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine-Caterpillar 1R Test Procedure (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9937Z-200x, Standard Practice for Performance Characterization of Dosimetry Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9948Z-200x, Test Method for Rotational Viscosity of Heavy Duty Diesel Drain Oils at 100 C (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9950Z-200x, Standard Specification for Fitness Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9951Z-200x, Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z9984Z-200x, Test Method for Evaluation of Diesel Engine Oils in the T-10 Exhaust Gas Recirculation Diesel Engine (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0564Z WK2667-200x, Standard Specification for Impact Attenuation of Base Pads Around Pole Vault Standards (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0567Z WK2660-200x, Standard Specification for Impact Attenuation of Box Collars Around Pole Vault Boxes (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0880Z WK3458-200x, Standard Specification for Helmets for Whitewater Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z0881Z WK3457-200x, Helmets for use in riding off-road motorcycles (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z1019Z WK3467-200x, Standard Specification for Floor Padding for Martial Arts Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z1535Z WK990-200x, Standard Specification for Eye Protective Devices for Airsoft Sports (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2106Z WK7423-200x, Standard Test Method for Determination of Sulfur and Trace Metals in Pitch by Wavelength Dispersive X-ray Fluorescence Spectroscopy (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z2982Z WK10677-200x, Oxidation Characteristics of Environmentally Friendly Lubricating Oils (HETG and HEES) without the Inclusion of a Water Catalyst (Dry TOST Method) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3073Z WK11231-200x, VW1 Wire Fire Test Method (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3094Z WK11237-200x, Standard Specification for Polyethylene (PE) Corrugated Wall Chambers for Use in Drainage and Wastewater Disposal Absorption Fields (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3144Z WK11351-200x, Standard Guide for Assessment of Measurement Uncertainty in Fire Tests (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3156Z WK11449-200x, Standard Test Method for Density, Moisture Content and Unit Weight of Topsoil and Blended Soils In-Place by the Core Displacement Method (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3158Z WK11440-200x, Standard Specification for Hot Food Tables (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3161Z WK11471-200x, Standard Test Method for Analysis of Piperylene and Isoprene Products and of C5 Hydrocarbon Mixtures by Capillary Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3165Z WK11531-200x, Analysis of In-Service Lubricants Using the Industrial Minilab Integrated Tester (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3166Z WK11532-200x, Standard Test Method for Analysis of In-Service Lubricants using the On-Site Analyzer (OSA) Intergrated Tester (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3206Z WK11622-200x, Proposed Specification for Ethanol-Emulsified Automotive Diesel Fuel (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3227Z WK11670-200x, Standard proactive for classification of vegetation for fire resistance (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3229Z WK11707-200x, Standard Method for Obtaining Measurements with Articulated Strut Tribometers (AST) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3249Z WK11862-200x, Standard Test Methods for the Determination of Silicon in Naphtha, Gasoline and Light Petroleum Products by Inductively-Coupled Plasma Atomic Emission Spectrometry (ICP-AES) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3258Z WK11895-200x, Standard Practice for Evaluating Compatibility of Mixtures of Turbine Lubricating Oils (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3264Z WK11946-200x, Objective Quantification of Dental Plaque using Digital Still Cameras (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3278Z WK12031-200x, Standard Test Method for Water Content in LPG by Electronic Moisture Analyzer (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3328Z WK12292-201x, Standard Practice for the Lateral Connection Sealing and Repair in a Relined or Unlined Sewer Main (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3359Z WK12522-200x, New Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe(Metric SDR-PR (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3365Z WK12567-200x, New Standard Practice for the Set-Up and Operation of Fourier Transform Infrared (FT-IR) Spectrometers for Used Oil Condition Monitoring (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3382Z WK12692-200x, Guide for Ball Field Components (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3387Z WK12678-200x, Standard Practice for On-Site Inspection of Sprayed Fire Resistive Material (SFRM) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3396Z WK12713-200x, Practice/Guide for Foamball Field Operation (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3400Z WK12720-200x, New Standard specification for fittings for PEX tubing (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3450Z WK12986-200x, Standard Test Methods for Qualifying Polyethylene Pipe Butt Fusion Joining Parameters and Procedures (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3451Z WK12990-200x, Standard Specification for Characterization of Surface Systems for Use in Indoor Play Areas under Playground Equipment (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3484Z WK13125-200x, Determination of Boiling Point Distribution of Fatty Acid Methyl Esters (FAME) in the Boiling Range of 100 C - 615 C by Gas Chromatography (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3552Z WK13482-201x, Determination of Total Aromatics and Total Saturates in Lube Basestocks by High Performance Liquid Chromatography (HPLC) with Refractive Index Detection (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3563Z WK13581-200x, Guide for Measurement for Remaining Antioxidant Content in In-Service Industrial Lubricants by Linear Sweep Voltametry (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3570Z WK13647-200x, Standard Test Method for Oxidation Stability of Spark Ignition Fuel-Rapid Small Scale Oxidation Test (RSSOT) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3628Z WK13911-200x, Performance Testing of Low Pressure (5 psi max) Excess Flow Valves (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3661Z WK14111-200x, Standard Specification for Crosslinked Polyethylene (PEX) Tubing for Use in Continuous Recirculating (CR) Hot Potable Water Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3665Z WK14155-200x, Determination of Dedusting Agents of Calcined Petroleum Coke by Thermogravimetric Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3913Z WK15564-200x, Specification for Pyrolysis Liquid Biofuel (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z3917Z WK15654-200x, Specification for Standard Specification for Glass Fiber Reinforced Thermoplastic Pipe (RTP) Used for Gas, Water and Oil Applications (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4079Z WK16905-200x, Standard Practice for Sampling, Storage, and Handling of Hydrocarbon Samples for Mercury Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4081Z WK16931-200x, Standard Practice for Sample Preparation of Petroleum and Lubricant Products for Elemental Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4089Z WK16997-200x, Test Method for Determining the Heat Release of Materials of Low Combustibility Using a Bench Scale Oxygen Consumption Calorimeter (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4118Z WK17109-200x, Specification for Autoclaved Aerated Concrete (AAC) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4160Z WK17302-200x, Practice for Ignition Sources for Upholstery (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4313Z WK18531-200x, Evaluation of Biodegradable Heat Transfer Fluids (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4327Z WK18680-200x, Determination of Cooling Characteristics for Aluminum Alloys by Cooling Curve Analysis (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4346Z WK18917-200x, Fire-Resistive Wall Continuity Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4348Z WK18934-200x, Standard Safety Specifications for Steel Frame and Enclosure Components of Consumer Trampolines (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4361Z WK19032-200x, Oxidation Stability of Middle Distillate Fuels - Rapid Small Scale Oxidation Test (RSSOT) (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z4472Z WK19826-200x, P-Trap, Supply Stops and Riser Insulation Protection (new standard)

**ASTM (ASTM International)**

BSR/ASTM Z6422Z-199x, Practice for the Estimation and Examination of Stickies in Pulp, Paper and Paper Products (new standard)

## 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](mailto:psa@ansi.org).

### AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/ISO TIR19218-1:2011/A1-2013, Medical devices - Hierarchal coding structure for adverse events - Part 1: Event type codes - Amendment 1 (TECHNICAL REPORT) (technical report)

Amendment to ANSI/AAMI/ISO 19218-1:2011.

Single copy price: \$45.00 (AAMI members); \$90.00 (non-members)

Order from: Hillary Woehrle, (703) 525-4890, [HWoehrle@aami.org](mailto:HWoehrle@aami.org); [customerservice@aami.org](mailto:customerservice@aami.org)

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

### ISA (ISA)

ISA TR12.21.01-2004 (R2013), Use of Fiber Optic Systems in Class I Hazardous (Classified) Locations (TECHNICAL REPORT) (technical report)

This technical report provides guidance on the safe use of fiber optic systems and their constituent parts producing or guiding visible, near-infrared, or mid-infrared (maximum wavelength of 10  $\mu\text{m}$ ) radiation in Class I hazardous (classified) locations. Hazardous (classified) locations are described in the National Electrical Code (NEC). Limiting levels prescribed in this document apply only to the minimum levels of optical power, optical power density, and optical energy needed to ignite explosive gas atmospheres. In apparatus where optical energy is transduced to electrical energy, the limiting values for the electrical energy must be determined from relevant standards for electrical apparatus.

Single copy price: \$75.00

Order from: Eliana Brazda, (919) 990-9228, [ebrazda@isa.org](mailto:ebrazda@isa.org)

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

# 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.

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

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

**Contact:** *Timothy Fisher*

**Phone:** (847) 768-3411

**Fax:** (847) 296-9221

**E-mail:** [TFisher@ASSE.org](mailto:TFisher@ASSE.org)

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

## ISA (ISA)

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** *Eliana Brazda*

**Phone:** (919) 990-9228

**Fax:** (919) 549-8288

**E-mail:** [ebrazda@isa.org](mailto:ebrazda@isa.org)

BSR/ISA 12.02.02-201x, Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings (new standard)

BSR/ISA 12.02.03-201x, Intrinsically Safe System Assessment Using the Entity Concept (new standard)

BSR/ISA 61010-1 (82.02.01) Addenda-201x, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General requirements (addenda to ANSI/ISA-61010-1 (82.02.01)-2012)

## RVIA (Recreational Vehicle Industry Association)

**Office:** 1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20191-4363

**Contact:** *Kent Perkins*

**Phone:** (703) 620-6003

**Fax:** (703) 620-5071

**E-mail:** [kperkins@rvia.org](mailto:kperkins@rvia.org)

BSR/RVIA UPA-1-201x, Standard for Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2009)

## UL (Underwriters Laboratories, Inc.)

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

**Contact:** *Marcia Kawate*

**Phone:** (408) 754-6743

**Fax:** (408) 754-6743

**E-mail:** [Marcia.M.Kawate@ul.com](mailto:Marcia.M.Kawate@ul.com)

BSR/UL 147A-2009 (R201x), Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (reaffirmation of ANSI/UL 147A-2009)

BSR/UL 414-201x, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2009a)

BSR/UL 1638-2008 (R201x), Standard for Safety for Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling (reaffirmation of ANSI/UL 1638-2008)

BSR/UL 1971-2008 (R201x), Standard for Safety for Signaling Devices for the Hearing Impaired (reaffirmation of ANSI/UL 1971-2008)

## Call for Members (ANS Consensus Bodies)

### **AWWA (American Water Works Association)**

**Office:** 6666 West Quincy Avenue  
Denver, CO 80235-3098

*Contact: Dawn Flancher*

**Phone:** (303) 347-6195

**Fax:** (303) 795-1440

**E-Mail:** [dflancher@awwa.org](mailto:dflancher@awwa.org)

AWWA is seeking experts to serve on Standards Committees. Members provide technical guidance, review, and vote on revisions to ANSI/AWWA standards. Members are needed to represent General Interest (GI), Producers (P), and Users (U). There are currently openings on the following technical committees:

BSR/ANSI/AWWA 15.105, **Air-Release, Air/Vacuum, and Combination Air Valves** — U

BSR/ANSI/AWWA 15.146, **Backflow Preventer Standards Committee** — P / U

BSR/ANSI/AWWA 15.216 **Fiberglass Weirs, Troughs, and Baffles** — GI / P / U

BSR/ANSI/AWWA 15.284, **Slide Gates** — GI / U

BSR/ANSI/AWWA 15.353, **Thermosetting Fiberglass Reinforced Plastic Pipe** — P / U

BSR/ANSI/AWWA 15.370, **Thermosetting Fiberglass Reinforced Plastic Tanks** — GI / P / U

BSR/ANSI/AWWA 15.550, **Risk and Resilience** — P / U

BSR/ANSI/AWWA 15.503, **Wastewater Pretreatment** — GI / P / U

## Call for Members (ANS Consensus Bodies)

### UL Standards Committees

#### STP 1008A (Standards Technical Panel for Medium-Voltage Transfer Switches)

STP 1008A seeks to broaden its membership base and is recruiting new participants in the following interest categories:

**General Interest:** Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by the STP, and other individuals, etc. that are not covered by the other participation categories.

**Supply Chain:** Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the supply chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the supply chain category.

**Testing and Standards Organization:** Organizations that test and/or certify products, services, or systems covered by the standard, or that develop standards/codes related to the products, services, or systems covered by UL 1008A.

STP 1008A covers the following UL standard:  
UL 1008A (Medium-Voltage Transfer Switches)

Contact:

**Derrick Martin**

Underwriters Laboratories Inc.

455 East Trimble Road

San Jose, CA 95131-1230

PHONE: (408) 754-6656

FAX: (408) 754-6656

Email: [Derrick.L.Martin@ul.com](mailto:Derrick.L.Martin@ul.com)

# Final Actions on American National Standards

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

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***New National Adoption***

ANSI/AAMI/ISO 5841-3-2013, Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers (identical national adoption of ISO 5841-3, 3rd ed. (under development)): 7/29/2013

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

### ***Addenda***

ANSI/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010): 7/24/2013

ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010): 7/24/2013

ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010): 7/24/2013

ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010): 7/24/2013

ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010): 7/24/2013

ANSI/ASHRAE/ASHE Addendum ab to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008): 7/24/2013

ANSI/ASHRAE/ASHE Addendum x to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008): 7/24/2013

ANSI/ASHRAE/ASHE Addendum z to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008): 7/24/2013

ANSI/ASHRAE/IES Addendum al to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/24/2013

ANSI/ASHRAE/IES Addendum av to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/IES Addendum bc to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/IES Addendum bt to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/IES Addendum cj to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/IES Addendum f to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/IES Addendum w to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/24/2013

ANSI/ASHRAE/USGBC/IES Addendum b to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 7/24/2013

ANSI/ASHRAE/USGBC/IES Addendum u to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 7/24/2013

### ***Withdrawal***

ANSI/ASHRAE/IESNA Addendum 90.1cx-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (withdrawal of ANSI/ASHRAE/IESNA Addendum 90.1cx-2010): 7/24/2013

## **ASME (American Society of Mechanical Engineers)**

### ***New Standard***

ANSI/ASME PTC 55-2013, Gas Turbine Aircraft Engines (new standard): 7/29/2013

### ***Revision***

ANSI/ASME B16.14-2013, Ferrous Pipe Plugs, Bushings, and Locknuts with Pipe Threads (revision of ANSI/ASME B16.14-2010): 7/29/2013

ANSI/ASME B16.15-2013, Cast Copper Alloy Threaded Fittings (revision of ANSI/ASME B16.15-2011): 7/29/2013

ANSI/ASME B16.22-2013, Wrought Copper and Copper Alloy Solder Joint Pressure Fittings (revision of ANSI/ASME B16.22-2012): 7/29/2013

ANSI/ASME B16.26-2013, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2011): 7/29/2013

ANSI/ASME B16.51-2013, Copper and Copper Alloy Press-Connect Pressure Fittings (revision of ANSI/ASME B16.51-2011): 7/29/2013

## **ASTM (ASTM International)**

### ***New Standard***

ANSI/ASTM F1000-2013, Practice for Piping System Drawing Symbols (new standard): 7/9/2013

### ***Revision***

ANSI/ASTM D6300-2013, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2008): 7/15/2013

## **ATIS (Alliance for Telecommunications Industry Solutions)**

### ***Supplement***

ANSI ATIS 1000113.a.2013, Supplement to Signaling System No. 7 (SS7) - Integrated Service Digital Network (ISDN) User Part (supplement to ANSI ATIS 1000113-2005 (R2010)): 7/26/2013

**AWS (American Welding Society)****New Standard**

ANSI/AWS C2.19/C2.19M-2013, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (new standard): 7/29/2013

ANSI/AWS J1.1/J1.1M-2013, Specification for Resistance Welding Controls (new standard): 7/29/2013

**Revision**

ANSI/AWS D8.1M-2013, Specification for Automotive Weld Quality - Resistance Spot Welding of Steel (revision of ANSI/AWS D8.1M -2007): 7/29/2013

**CSA (CSA Group)****Reaffirmation**

- \* ANSI Z21.69-2008, ANSI Z21.69a-2012 (R2013), Standard for Connectors for Moveable Gas Appliances (same as CSA 6.16, CSA 6.16a) (reaffirmation of ANSI Z21.69-2009, ANSI Z21.69a-2012): 7/26/2013

**ECA (Electronic Components Association)****New Standard**

ANSI/EIA 970-2013, Test procedure for high frequency characterization of low inductance multilayer ceramic chip capacitors (new standard): 7/29/2013

**Revision**

ANSI/EIA 364-43C-2013, Cable Clamping (Bending Moment) Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-43B-2000 (R2007)): 7/29/2013

**EOS/ESD (ESD Association, Inc.)****Revision**

ANSI/ESD S1.1-2013, ESD Association Standard for Protection of Electrostatic Discharge Susceptible Items - Wrist Straps (revision of ANSI/ESD S1.1-1998 (R2006)): 7/29/2013

ANSI/ESD STM5.2-2013, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Machine Model (MM) - Component Level (revision and redesignation of ANSI/ESD S5.2-2010): 7/29/2013

ANSI/ESD SP5.2.2-2012, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Machine Model (MM) Alternative Test Method: Split Signal Pin - Component Level (revision and redesignation of ANSI/ESD SP5.1.1-2006): 7/29/2013

**ITI (INCITS) (InterNational Committee for Information Technology Standards)****New National Adoption**

INCITS/ISO/IEC 19784-4:2011/Cor 1:2013, Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface - Technical Corrigendum 1 (identical national adoption of ISO/IEC 19784-4:2011/Cor 1:2013): 7/29/2013

INCITS/ISO/IEC 20944-3:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 3: API bindings (identical national adoption of ISO/IEC 20944-3:2013): 7/29/2013

**Reaffirmation**

ANSI INCITS 322-2008 (R2013), Information technology - Card Durability - Test Methods Update (reaffirmation of ANSI INCITS 322 -2008): 7/29/2013

ANSI INCITS 440-2008 (R2013), Information technology - Card Durability/Service Life (reaffirmation of ANSI INCITS 440-2008): 7/29/2013

INCITS/ISO/IEC 13250-2003 (R2013), Information technology - SGML Applications - Topic Maps (reaffirmation of INCITS/ISO/IEC 13250 -2003 (R2008)): 7/29/2013

INCITS/ISO/IEC 19757-3-2006 (R2013), Information technology - Document Schema Definition Language (DSDL) - Part 3: Rule-based validation - Schematron (reaffirmation of INCITS/ISO/IEC 19757-3-2006): 7/29/2013

INCITS/ISO/IEC 19757-4-2006 (R2013), Information technology - Document Schema Definition Language (DSDL) - Part 4: Selection of validation candidates (reaffirmation of INCITS/ISO/IEC 19757-4 -2006): 7/29/2013

INCITS/ISO/IEC 15775/AM1-2005 (R2013), Information technology - Office Machines - Method of specifying image reproduction of colour copying machines by analog test charts Realization and application - Amendment 1 (reaffirmation of INCITS/ISO/IEC 15775/AM1-2005): 7/29/2013

INCITS/ISO/IEC 15775:1999 (R2013), Information Technology - Office Machines - Test Chart for colour copying machines - Realisation and application (reaffirmation of INCITS/ISO/IEC 15775:1999): 7/29/2013

INCITS/ISO/IEC 18050:2006 (R2013), Information technology - Print Quality Attributes for Machine Readable Digital Postage Marks (reaffirmation of INCITS/ISO/IEC 18050:2006): 7/29/2013

INCITS/ISO/IEC 19752:2004 (R2013), Information technology - Method for the determination of toner cartridge yield for monochrome electro-photographic printers and multi-function devices that may contain printer components (reaffirmation of INCITS/ISO/IEC 19752:2004): 7/29/2013

INCITS/ISO/IEC 19799:2007 (R2013), Information technology - Method of Measuring Gloss Uniformity for Printed Pages (reaffirmation of INCITS/ISO/IEC 19799:2007): 7/29/2013

INCITS/ISO/IEC 24700:2005 (R2013), Information technology - Quality and Performance of Office Equipment that Contain Reused Components (reaffirmation of INCITS/ISO/IEC 24700:2005): 7/29/2013

INCITS/ISO/IEC 24711:2007 (R2013), Information technology - Method for the determination of ink cartridge yield for color inkjet printers and multi-function devices that contain printer components (reaffirmation of INCITS/ISO/IEC 24711:2007): 7/29/2013

INCITS/ISO/IEC 24712:2007 (R2013), Information technology - Colour test pages for Measurement of Office Equipment Yield (reaffirmation of INCITS/ISO/IEC 24712:2007): 7/29/2013

INCITS/ISO/IEC 1989:2002/TC1:2006 (R2013), Information Technology - Programming Languages - COBOL (reaffirmation of INCITS/ISO/IEC 1989:2002/TC1:2006 (R2012)): 7/29/2013

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)****Reaffirmation**

ANSI/ITSDF B56.11.5-2005 (R2013), Measurement of Sound Emitted by Low Lift, High Lift and Rough Terrain Powered Industrial Trucks (reaffirmation of ANSI/ITSDF B56.11.5-2005): 7/29/2013

**NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)****Reaffirmation**

ANSI IT8.7/2-1993 (R2013), Graphic technology - Color reflection target for input scanner calibration (reaffirmation of ANSI IT8.7/2 -1993 (R2008)): 7/29/2013

**PMI (Project Management Institute)****Revision**

- \* ANSI/PMI 08-004-2013, Organizational Project Management Maturity Model (OPM3(R)) - Third Edition (revision of ANSI/PMI 08-004 -2008): 7/26/2013

## **UL (Underwriters Laboratories, Inc.)**

### ***New National Adoption***

- \* ANSI/UL 60065-2013, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065 -2012c): 7/24/2013

### ***Revision***

ANSI/UL 181-2013, Standard for Safety for Factory-Made Air Ducts & Air Connectors (revision of ANSI/UL 181-2008): 7/25/2013

- \* ANSI/UL 858-2013, Standard for Household Electric Ranges (revision of ANSI/UL 858-2012a): 7/24/2013

ANSI/UL 2127-2013, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2012): 7/25/2013

ANSI/UL 2166-2013, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2012): 7/25/2013

## **VC (ASC Z80) (The Vision Council)**

### ***New Standard***

ANSI Z80.7-2013, Intraocular Lenses (new standard): 7/29/2013

# Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit [www.NSSN.org](http://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)

**Office:** 2111 Wilson Boulevard  
Suite 500  
Arlington, VA 22201

**Contact:** Daniel Abbate

**Fax:** (703) 562-1942

**E-mail:** [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

BSR/AHRI Standard 1360 (I-P)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (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 Computer and Data Processing Room Air Conditioners: definitions; classification; test requirements; rating requirements, minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to floor-mounted Computer and Data Processing Room Air Conditioners (CDPR) which have three types: up-flow air discharge, down-flow air discharge, and horizontal free-air discharge, as illustrated in Figure 1.

BSR/AHRI Standard 1361 (SI)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (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 Computer and Data Processing Room Air Conditioners: definitions; classification; test requirements; rating requirements, minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to floor-mounted Computer and Data Processing Room Air Conditioners (CDPR) which have three types: up-flow air discharge, down-flow air discharge, and horizontal free-air discharge, as illustrated in Figure 1.

## CSA (CSA Group)

**Office:** 8501 E. Pleasant Valley Road  
Cleveland, OH 44131

**Contact:** David Zimmerman

**Fax:** (216) 520-8979

**E-mail:** [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

\* BSR Z21.50-201x, Standard for Vented Gas Fireplaces (same as CSA 2.22) (revision of ANSI Z21.50-2012)

Stakeholders: Manufacturers, utilities, consumers, testing agencies.

Project Need: Update and revise text.

Details test and examination criteria for vented gas fireplace for use with natural and propane gases. The only function of a vented gas fireplace lies in the aesthetic effect of the flame; the appliance is not a source of heat.

## GTESS (Georgia Tech Energy & Sustainability Services)

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

**Contact:** Moon Kim

**Fax:** (404) 894-8194

**E-mail:** [Moon.Kim@gtri.gatech.edu](mailto:Moon.Kim@gtri.gatech.edu)

BSR/ISO/MSE 50002-201x, Energy audits (identical national adoption of ISO 50002)

Stakeholders: Organizations seeking to conduct energy audits or have audits be conducted as they relate to energy performance.

Project Need: The identical adoption of this ISO will standardize the definition and scope of what energy audit entails as it relates to energy performance.

This Standard defines the requirements, common methodology, and deliverables for energy audits in relation to energy performance. This Standard applies to all forms of establishments and organizations, as well as all forms of energy and uses of energy.

**ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** *Eliana Brazda*

**Fax:** (919) 549-8288

**E-mail:** ebrazda@isa.org

BSR/ISA 12.02.02-201x, Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide guidance for and to promote the uniformity of manufacturers' control drawings for intrinsically safe apparatus, associated apparatus, and intrinsically safe systems.

This document provides guidance in the preparation of control drawings for intrinsically safe apparatus, associated apparatus, and intrinsically safe systems.

BSR/ISA 12.02.03-201x, Intrinsically Safe System Assessment Using the Entity Concept (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To ensure an intrinsically safe system, intrinsically safe apparatus and associated apparatus must be installed in accordance with the installation requirements specified on control drawings.

A typical control drawing illustrates the interconnection of an intrinsically safe apparatus and an associated apparatus, based on a system examination in which each piece of apparatus has been specifically examined in combination with the other. Another approach, known as the entity concept, provides more flexibility in selecting equipment for an intrinsically safe system. The entity concept allows the user to identify acceptable combinations of intrinsically safe apparatus and associated apparatus that have not been examined as a system.

BSR/ISA 61010-1 (82.02.01) Addenda-201x, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General requirements (addenda to ANSI/ISA-61010-1 (82.02.01)-2012)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: High-potential tests should be permitted to be performed with either ac or dc.

This standard specifies general safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used: (a) Electrical test and measurement equipment; (b) Electrical industrial process-control equipment; and (c) Electrical laboratory equipment.

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

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

**Contact:** *Ryan Franks*

**Fax:** 703-841-3371

**E-mail:** ryan.franks@nema.org

BSR/NEMA ICEA T-27-581-201x/NEMA WC 53-201x, Standard Test Methods for Extruded Dielectric Power, Control, Instrumentation, and Portable Cables (revision of ANSI/NEMA ICEA T-27-581 -2008/NEMA WC 53-2008)

Stakeholders: Consultants, engineers, and manufacturers in the wire and cable industry.

Project Need: Revision to bring the document in line with current practice.

This Standard applies to the testing of extruded dielectric insulated power, control, instrumentation and portable cables.

**RVIA (Recreational Vehicle Industry Association)**

**Office:** 1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20191-4363

**Contact:** *Kent Perkins*

**Fax:** (703) 620-5071

**E-mail:** kperkins@rvia.org

BSR/RVIA UPA-1-201x, Standard for Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2009)

Stakeholders: Recreational vehicle manufacturers and suppliers, RV code state officials, and third party plan approval agencies.

Project Need: This standard provides for a set of uniform requirements that all RV manufacturers can use to submit one set of plan approvals to all US States that have authority for approval of RV drawings/documentation.

This standard covers minimum plan approval requirements to ensure a reasonable degree of safety and health for occupants using recreational vehicles.

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

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](http://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](http://www.ansi.org/publicreview).

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

# ANSI-Accredited Standards Developers Contact Information

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

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|--|---|--|--|
| <b>AAMI</b><br>Association for the Advancement of<br>Medical Instrumentation<br><br>4301 N Fairfax Drive<br>Suite 301<br>Arlington, VA 22203-1633<br>Phone: (703) 253-8261<br>Fax: (703) 276-0793<br>Web: <a href="http://www.aami.org">www.aami.org</a>             | <b>ATIS</b><br>Alliance for Telecommunications<br>Industry Solutions<br><br>1200 G Street, NW<br>Suite 500<br>Washington, DC 20005<br>Phone: (202) 434-8841<br>Fax: (202) 347-7125<br>Web: <a href="http://www.atis.org">www.atis.org</a> | <b>GTESS</b><br>Georgia Tech Energy & Sustainability<br>Services<br><br>75 Fifth Street N.W<br>Suite 300<br>Atlanta, GA 30332-0640<br>Phone: (404) 407-6404<br>Fax: (404) 894-8194<br>Web: <a href="http://innovate.gatech.edu">innovate.gatech.edu</a>                    | <b>NSF</b><br>NSF International<br>789 N. Dixboro Road<br>Ann Arbor, MI 48105<br>Phone: (734) 827-6819<br>Fax: (734) 827-7875<br>Web: <a href="http://www.nsf.org">www.nsf.org</a>   |
| <b>AHRI</b><br>Air-Conditioning, Heating, and<br>Refrigeration Institute<br><br>2111 Wilson Boulevard<br>Suite 500<br>Arlington, VA 22201<br>Phone: (703) 600-0327<br>Fax: (703) 562-1942<br>Web: <a href="http://www.ahrinet.org">www.ahrinet.org</a>               | <b>AWS</b><br>American Welding Society<br>8669 Doral Blvd.<br>Suite 130<br>Doral, FL 33166<br>Phone: (305) 443-9353, Ext. 466<br>Fax: (305) 443-5951<br>Web: <a href="http://www.aws.org">www.aws.org</a>                                 | <b>ISA (Organization)</b><br>ISA-The Instrumentation, Systems,<br>and Automation Society<br><br>67 Alexander Drive<br>Research Triangle Park, NC 27709<br>Phone: (919) 990-9228<br>Fax: (919) 549-8288<br>Web: <a href="http://www.isa.org">www.isa.org</a>                | <b>PMI (ORGANIZATION)</b><br>Project Management Institute<br>14 Campus Boulevard<br>Newtown Square, PA 19073-3299<br>Phone: 610-356-4600<br>Fax: 610-356-4647<br>Web: <a href="http://www.pmi.org">www.pmi.org</a>                           |
| <b>ASHRAE</b><br>American Society of Heating,<br>Refrigerating and Air-Conditioning<br>Engineers, Inc.<br><br>1791 Tullie Circle, NE<br>Atlanta, GA 30329<br>Phone: (404) 636-8400<br>Fax: (404) 321-5478<br>Web: <a href="http://www.ashrae.org">www.ashrae.org</a> | <b>AWWA</b><br>American Water Works Association<br>6666 W. Quincy Ave.<br>Denver, CO 80235<br>Phone: (303) 347-6178<br>Fax: (303) 795-7603<br>Web: <a href="http://www.awwa.org">www.awwa.org</a>   | <b>ITI (INCITS)</b><br>InterNational Committee for<br>Information Technology Standards<br><br>1101 K Street NW<br>Suite 610<br>Washington, DC 20005-3922<br>Phone: (202) 626-5746<br>Fax: (202) 638-4922<br>Web: <a href="http://www.incits.org">www.incits.org</a>        | <b>RVIA</b><br>Recreational Vehicle Industry<br>Association<br><br>1896 Preston White Drive<br>P.O. Box 2999<br>Reston, VA 20191-4363<br>Phone: (703) 620-6003<br>Fax: (703) 620-5071<br>Web: <a href="http://www.rvia.org">www.rvia.org</a> |
| <b>ASME</b><br>American Society of Mechanical<br>Engineers<br><br>Two Park Avenue<br>New York, NY 10016<br>Phone: (212) 591-8521<br>Fax: (212) 591-8501<br>Web: <a href="http://www.asme.org">www.asme.org</a>   | <b>CSA</b><br>CSA Group<br><br>8501 E. Pleasant Valley Road<br>Cleveland, OH 44131<br>Phone: (216) 524-4990<br>Fax: (216) 520-8979<br>Web: <a href="http://www.csa-america.org">www.csa-america.org</a>                                   | <b>ITSDF</b><br>Industrial Truck Standards<br>Development Foundation, Inc.<br><br>1750 K Street NW<br>Suite 460<br>Washington, DC 20006<br>Phone: (202) 296-9880<br>Fax: (202) 296-9884<br>Web: <a href="http://www.indtrk.org/default.asp">www.indtrk.org/default.asp</a> | <b>UL</b><br>Underwriters Laboratories, Inc.<br><br>12 Laboratory Dr.<br>RTP, NC 27709<br>Phone: (919) 549-0973<br>Fax: (919) 549-0973<br>Web: <a href="http://www.ul.com">www.ul.com</a>  |
| <b>ASSE (Safety)</b><br>American Society of Safety Engineers<br>1800 East Oakton Street<br>Des Plaines, IL 60018-2187<br>Phone: (847) 768-3411<br>Fax: (847) 296-9221<br>Web: <a href="http://www.asse.org">www.asse.org</a>   | <b>ECA</b><br>Electronic Components Association<br><br>2214 Rock Hill Road<br>Suite 170<br>Herndon, VA 20170-4212<br>Phone: (571) 323-0253<br>Fax: (571) 323-0245<br>Web: <a href="http://www.eciaonline.org">www.eciaonline.org</a>      | <b>NEMA (ASC C8)</b><br>National Electrical Manufacturers<br>Association<br><br>1300 North 17th Street<br>Suite 1752<br>Rosslyn, VA 22209<br>Phone: (703) 841-3271<br>Fax: 703-841-3371<br>Web: <a href="http://www.nema.org">www.nema.org</a>                             | <b>VC (ASC Z80)</b><br>The Vision Council<br>225 Reinekers Lane<br>Suite 700<br>Alexandria, VA 22314<br>Phone: (703) 740-1094<br>Fax: (703) 548-4580<br>Web: <a href="http://www.thevisioncouncil.org">www.thevisioncouncil.org</a>          |
| <b>ASTM</b><br>ASTM International<br>100 Barr Harbor Drive<br>West Conshohocken, PA 19428-2959<br>Phone: (610) 832-9744<br>Fax: (610) 834-3683<br>Web: <a href="http://www.astm.org">www.astm.org</a>  | <b>EOS/ESD</b><br>ESD Association<br>7900 Turin Rd., Bldg. 3<br>Rome, NY 13440<br>Phone: (315) 339-6937<br>Fax: (315) 339-6793<br>Web: <a href="http://www.esda.org">www.esda.org</a>   | <b>NPES (ASC CGATS)</b><br>NPES<br>1899 Preston White Drive<br>Reston, VA 20191<br>Phone: (703) 264-7200<br>Fax: (703) 620-0994<br>Web: <a href="http://www.npes.org">www.npes.org</a>   |  |



# ISO & 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 Karen Hughes at ANSI's New York offices, 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 and IEC 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](mailto: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.**

## ISO Standards

### AIR QUALITY (TC 146)

ISO/DIS 19289, Meteorology - Siting classifications for surface observing stations on land - 10/7/2013, \$77.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 23462, Space systems - Guidelines to define the management framework for a space project - 10/27/2013

### APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 17258, Statistical methods - Six Sigma - Benchmarking for Six Sigma - 10/31/2013, \$107.00

ISO/DIS 22514-1, Statistical methods in process management - Capability and performance - Part 1: General principles and concepts - 10/31/2013

### CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 17918, Evaluation of selective corrosion of alloys by visual inspection and hardness measurement - 10/28/2013, \$71.00

### CRANES (TC 96)

ISO/DIS 20332, Cranes - Proof of competence of steel structures - 10/27/2013

### GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19154, Geographic information - Ubiquitous public access - Reference model - 10/31/2013, \$119.00

ISO/DIS 19150-2, Geographic information - Ontology - Part 2: Rules for developing ontologies in the Web Ontology Language (OWL) - 10/31/2013, \$165.00

### INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-7, Reciprocating internal combustion engines - Exhaust emission measurement - Part 7: Engine family determination - 11/5/2013

ISO/DIS 8178-8, Reciprocating internal combustion engines - Exhaust emission measurement - Part 8: Engine group determination - 11/5/2013

### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 17308, Test method for electrical conductivity in ethanol - 10/31/2013, \$33.00

### ROAD VEHICLES (TC 22)

ISO/DIS 17840, Road vehicles - Vehicle extrication card / Rescue Sheet - 10/27/2013

### ROLLING BEARINGS (TC 4)

ISO/DIS 21107, Rolling bearings and spherical plain bearings - Search structure for electronic media - Characteristics and performance criteria identified by attribute vocabulary - 11/8/2013

### SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

ISO/DIS 24518, Crisis management of water utilities - 10/27/2013

### STEEL (TC 17)

ISO/DIS 4990, Steel castings - General technical delivery requirements - 10/31/2013

ISO/DIS 4991, Steel castings for pressure purposes - 10/31/2013

ISO/DIS 4993, Steel and iron castings - Radiographic inspection - 10/31/2013

ISO/DIS 9477, High strength cast steels for general engineering and structural purposes - 10/31/2013

ISO/DIS 11973, Heat-resistant cast steels and alloys for general applications - 11/4/2013

### TEXTILES (TC 38)

ISO/DIS 18074, Textiles - Identification of some animal fibres by DNA analysis method - Cashmere, wool, yak and their blends - 10/27/2013

ISO/DIS 17299-5, Textiles - Determination of deodorant property - Part 5: Metal-oxide semiconductor sensors method - 10/31/2013, \$98.00

### TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 9635-1, Agricultural irrigation equipment - Irrigation valves - Part 1: General requirements - 10/31/2013

- ISO/DIS 9635-2, Agricultural irrigation equipment - Irrigation valves - Part 2: Isolating valves - 10/31/2013
- ISO/DIS 9635-3, Agricultural irrigation equipment - Irrigation valves - Part 3: Check valves - 10/31/2013
- ISO/DIS 9635-5, Agricultural irrigation equipment - Irrigation valves - Part 5: Control valves - 10/31/2013

#### **TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

- ISO/DIS 15784-2, Data Exchange Involving Roadside Modules Communication - Part 2: Application Profile - SNMP - 10/24/2013

#### **WATER QUALITY (TC 147)**

- ISO/DIS 13164-4, Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting - 10/27/2013

#### **WOOD-BASED PANELS (TC 89)**

- ISO/DIS 16893, Wood-based panels - Particleboard - 10/31/2013, \$67.00
- ISO/DIS 16895, Wood-based panels - Dry-process fibreboard - 10/31/2013, \$93.00

### **ISO/IEC JTC 1, Information Technology**

- ISO/IEC DIS 24779-1, Information Technology - Cross Jurisdictional and Societal Aspects of Implementation of Biometric Technologies - Pictograms, Icons and Symbols for Use with Biometric Systems - Part 1: General Principles - 10/31/2013
- ISO/IEC DIS 24779-9, Information Technology - Cross Jurisdictional and Societal Aspects of Implementation of Biometric Technologies - Pictograms, Icons and Symbols for Use with Biometric Systems - Part 9: Vascular Applications - 10/31/2013

## **IEC Standards**

- 2/1705/CDV, IEC 60034-27-3 Ed. 1: Rotating electrical machines - Part 27-3: Dielectric dissipation factor measurement on stator winding insulation of rotating electrical machines, 11/01/2013
- 3/1146/CDV, IEC 61082-1/Ed.3: Preparation of Documents used in electrotechnology, Part 1: Rules, 11/01/2013
- 3C/1874/CDV, IEC 60417-C00293/Ed. 1: Graphical symbols for use on surgical, cosmetic, therapeutic and diagnostic laser equipment, 11/01/2013
- 17D/487/Q, Proposed publication of a Technical Specification IEC/TS 61439-7: Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicles charging stations, 09/06/2013
- 18/1336/CD, IEC/IEEE 80005-2: Utility connections in port - Part 2: High and Low voltage shore connection systems - Communication for monitoring and control, 11/01/2013
- 23B/1120/CD, IEC 61995-1 A1 Ed.1: Amendment 1 - Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements, 11/01/2013
- 23B/1122/CD, IEC 61995-2 A1 Ed.1: Amendment 1 - Devices for the connection of luminaires for household and similar purposes - Part 2: Standard sheets for DCL, 11/01/2013
- 23H/298/NP, PNW 23H-298: Future IEC 62196-4: Plugs, socket-outlets, and vehicle couplers - conductive charging of electric vehicles - Part 4: Dimensional compatibility and interchangeability requirements for a.c., d.c. and a.c. /d.c. vehicle couplers for Class II or Class III light electric vehicles (LEV), 11/01/2013
- 25/471/NP, Holosphere to Biosphere secure data acquisition and telecommunication protocols, 11/01/2013

- 26/516/CD, IEC 62822-1 Ed. 1: Product family standard for the assessment of equipment for resistance welding, arc welding processes related to human exposure restrictions for electromagnetic fields (0Hz - 300 GHz), 11/01/2013
- 26/517/CD, IEC 60974-1 Ed.5: Arc welding equipment - Part 1: Welding power source, 09/27/2013
- 34B/1699/CDV, IEC 60400 Ed.7: Amendment 2 - Lampholders for tubular fluorescent lamps and starterholders, 11/01/2013
- 34C/1063/CD, IEC 60929 A1 Ed.4: Amendment 1 - AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements, 09/27/2013
- 37A/248/NP, Future IEC 61643-31/Ed1: Low voltage surge protective devices for D.C.specific application - Part 31: Surge Protective Devices connected to the D.C. side of photovoltaic installations - Requirements and test methods, 11/01/2013
- 46/474/DC, Draft for Comments - Radio Frequency and Coaxial Cable Assemblies - Part 2-6: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-24 connectors, 09/13/2013
- 46/475/DC, Draft for Comments - Radio Frequency and Coaxial Cable Assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors, 09/13/2013
- 46/476/DC, Draft for Comments - Radio Frequency and Coaxial Cable Assemblies - Part 2-5: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors, 09/13/2013
- 46A/1166/FDIS, IEC 61196-9 Ed.1: Coaxial Communication Cables - Part 9: Sectional specification for RF flexible cables, 09/27/2013
- 57/1383/CD, Amendment 1 to IEC 61850-7-410 Ed.2: Communication networks and systems for power utility automation - Part 7-410: Basic communication structure - Hydroelectric power plants - Communication for monitoring and control, 11/01/2013
- 61D/211/DC, United States National Committee to SC61D submits the following urgent proposed amendment to IEC 60335-2-40, Edition 4.2:2005-07 - Part 2-40: Particular requirements for electric heat pumps, air conditioners and dehumidifiers, 09/06/2013
- 65B/885A/CD, IEC 61003-1 Ed. 3: Industrial-Process Control Systems - Instruments with Analogue Inputs and Two- or Multi-State Outputs - Part 1: Methods of evaluating the performance, 09/20/2013
- 65B/886A/CD, IEC 61003-2 Ed. 2.0: Industrial-Process Control Systems - Instruments with Analogue Inputs and Two- or Multi-State Outputs - Part 2: Guidance for inspection and routine testing, 09/20/2013
- 65C/741/DTS, IEC/TS 62657-1: Industrial Communication Networks - Wireless communication networks - Part 1: Wireless communication requirements and spectrum considerations, 11/01/2013
- 77B/691/FDIS, IEC 61000-4-6: Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields, 09/27/2013
- 80/709/DC, Proposed technical corrigendum to IEC 61924-2 (first edition published in 2012), 09/06/2013
- 86B/3671/CD, IEC 60876-1/Ed5: Fibre optic interconnecting devices and passive components - Fibre optic spatial switches - Part 1: Generic specification, 09/27/2013
- 86C/1179/DC, Proposed IEC/TR 62343-6-7 Ed. 1, Dynamic Modules - Design Guides - Part 6-7: Optical channel monitor, 10/18/2013
- 88/460/CD, IEC 61400-12-1 Ed.2: Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines, 11/01/2013

- 101/408/CD, IEC 61340-2-1 Ed.2: Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge (Proposed horizontal standard), 11/01/2013
- 105/446/CDV, IEC 62282-4-101 Ed.1: Fuel cell technologies - Part 4 -101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units - Fuel cell power systems for electrically powered industrial trucks - Safety, 11/01/2013
- CIS/1444/FDIS, Amendment 1 to CISPR 20: Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement, 09/27/2013
- CABPUB/80/DTS, ISO/IEC DTS 17021-5, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 5: Competence requirements for auditing and certification of asset management systems, 10/25/2013
- 3C/1872/CDV, IEC 60417-C00294/Ed.1: Graphical symbols for use on equipment IEC 60417-6196 and IEC 60417-6197, 10/25/2013
- 9/1830/CD, IEC 61377 Ed.2: Railway Applications - Rolling stock - Combined-testing of motors and their control system, 10/25/2013
- 20/1452/Q, Revision of 60811: Electric and optical fibre cables - Test methods for non-metallic materials, 09/06/2013
- 20/1453/Q, Revision of 60230 Ed. 1.0 (1966): Impulse tests on cables and their accessories, 09/06/2013
- 23B/1117/CD, IEC 60669-1 f1 Ed.4: Switches for household and similar fixed-electrical installations - Part 1: General requirements, 09/20/2013
- 34A/1674/CDV, IEC 60810 Ed.4: Lamps for road vehicles - Performance requirements, 10/25/2013
- 34A/1676/CDV, IEC 60809 Ed.3: Lamps for road vehicles - Dimensional, electrical and luminous requirements, 10/25/2013
- 46A/1162/DC, Draft for Comments - Draft IEC 61196-1-215 Coaxial Communication Cables - Part 1-215: High Temperature Cable Aging, 09/13/2013
- 46F/243/NP, Radio-Frequency Connectors - Part xx: Sectional specification for coaxial connectors with 10mm inner diameter of outer conductor, nominal characteristic impedance 50 Ohms, Series 4.3-10, 10/25/2013
- 47A/912/CD, IEC/TS 61967-3 Ed.2: Integrated Circuits - Measurement of Electromagnetic Emissions - Part 3: Measurement of radiated emissions - Surface scan method, 09/20/2013
- 47D/837/FDIS, IEC 60191-4 Ed. 3: Mechanical Standardization of Semiconductor Devices - Part 4: Coding system and classification into forms of package outlines for semiconductor device packages, 09/20/2013
- 55/1394/CDV, IEC 60317-51/Ed2: Specifications for particular types of winding wires - Part 51: Solderable polyurethane enamelled round copper wire, class 180, 10/25/2013
- 55/1395/CDV, IEC 60317-52/Ed2: Specifications for particular types of winding wires - Part 52: Aromatic polyamide (aramid) tape wrapped round copper wire, temperature index 220, 10/25/2013
- 55/1396/CDV, IEC 60317-53/Ed2: Specifications for particular types of winding wires - Part 53: Aromatic polyamide (aramid) tape wrapped rectangular copper wire, temperature index 220, 10/25/2013
- 55/1409/FDIS, IEC 60317-0-1/Ed4: Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire, 09/20/2013
- 55/1410/FDIS, IEC 60317-0-2/Ed3: Specifications for particular types of winding wires - Part 0-2: General requirements - Enamelled rectangular copper wire, 09/20/2013
- 55/1411/FDIS, IEC 60317-20/Ed3: Specifications for particular types of winding wires - Part 20: Solderable polyurethane enamelled round copper wire, class 155, 09/20/2013
- 55/1412/FDIS, IEC 60317-21/Ed3: Specifications for particular types of winding wires - Part 21: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155, 09/20/2013
- 55/1413/FDIS, IEC 60317-23/Ed3: Specifications for particular types of winding wires - Part 23: Solderable polyesterimide enamelled round copper wire, class 180, 09/20/2013
- 55/1414/FDIS, IEC 60317-27/Ed4: Specifications for particular types of winding wires - Part 27: Paper tape covered rectangular copper wire, 09/20/2013
- 55/1415/FDIS, IEC 60317-28/Ed2: Specifications for particular types of winding wires - Part 28: Polyesterimide enamelled rectangular copper wire, class 180, 09/20/2013
- 55/1416/FDIS, IEC 600317-35/Ed2: Specifications for particular types of winding wires - Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer, 09/20/2013
- 55/1417/FDIS, IEC 60317-36/Ed2: Specifications for particular types of winding wires - Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer, 09/20/2013
- 55/1418/FDIS, IEC 60317-37/Ed2: Specifications for particular types of winding wires - Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer, 09/20/2013
- 55/1419/FDIS, IEC 60317-38/Ed2: Specifications for particular types of winding wires - Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer, 09/20/2013
- 55/1420/FDIS, IEC 60317-46/Ed2: Specifications for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire, class 240, 09/20/2013
- 55/1421/FDIS, IEC 60317-47/Ed2: Specifications for particular types of winding wires - Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240, 09/20/2013
- 55/1422/FDIS, IEC 60317-55/Ed2: Specifications for particular types of winding wires - Part 55: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 180, 09/20/2013
- 57/1365/CDV, IEC 62325-451-3 Ed.1: Framework for energy market communications - Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market, 10/25/2013
- 59F/239/NP, Surface cleaning appliances - Review of test carpets specification and carpet availability and supply, 10/25/2013
- 62A/891/DTR, ISO/TR 80001-2-6: Application of risk management for IT-networks incorporating medical device - Part 2-6: Application guidance - Guidance for responsibility agreements, 09/20/2013
- 62D/1081/FDIS, Amendment 1 to IEC 60601-2-41: Medical electrical equipment - Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis, 09/20/2013
- 62D/1083/CD, ISO 80369-1: Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements, 10/25/2013
- 64/1893/CD, Amendment 1 to IEC 60364: Low voltage electrical installation - Part 4-42: Protection for safety - Protection against thermal effects, 10/25/2013
- 65B/885/CD, IEC 61003-1 Ed. 3: Industrial-Process Control Systems - Instruments with Analogue Inputs and Two- or Multi-State Outputs - Part 1: Methods of evaluating the performance, 10/25/2013
- 65B/886/CD, IEC 61003-2 Ed. 2.0: Industrial-Process Control Systems - Instruments with Analogue Inputs and Two- or Multi-State Outputs - Part 2: Guidance for inspection and routine testing, 10/25/2013
- 66/513/CD, IEC 61010-2-040 Ed.2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials, 10/25/2013

- 72/920/DC, TC72/WG1 proposal for amendment to IEC 60730-2-5, Automatic electrical controls - Part 2 5: Particular requirements for automatic electrical burner control systems, 09/27/2013
- 79/432/FDIS, IEC 62676-1-1 Ed.1: Video surveillance systems for use in security applications - Part 1-1: System requirements - General, 09/20/2013
- 79/433/FDIS, IEC 62676-1-2 Ed.1: Video surveillance systems for use in security applications - Part 1-2: System requirements - Performance requirements for video transmission, 09/20/2013
- 80/708/CD, IEC 61162-460 Ed.1: Maritime navigation and radiocommunication equipment and systems - Digital interface - Part 460: Multiple talker and multiple listeners - Ethernet interconnection - Safety and security, 10/25/2013
- 86/460/CD, IEC 62129-1 Ed.1.0: Calibration of wavelength/optical frequency measurement instruments - Part 1: Optical spectrum analyzers, 10/25/2013
- 86B/3632/CDV, IEC 61755-2-4/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 2-4: Connection of non-dispersion shifted single mode non-angled polished physically contacting fibres for reference connector applications, 10/25/2013
- 86B/3633/CDV, IEC 61755-2-5/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 2-5: Connection of non-dispersion shifted single mode angled polished physically contacting fibres for reference connector applications, 10/25/2013
- 86C/1156/CDV, IEC 62343-3-3/Ed1: Dynamic modules - Performance specification templates - Part 3-3: Wavelength selective switches, 10/25/2013
- 86C/1157/CDV, IEC 62149-3/Ed2: Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 2,5-Gbit/s to 40-Gbit/s fibre optic transmission systems, 10/25/2013
- 86C/1177/CD, IEC 61290-1-1/Ed3: Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method, 10/25/2013
- 86C/1178/CD, IEC 61757-2-1/Ed1: Fibre optic sensors - Strain measurement - Part 2-1: Fibre Bragg gratings, 10/25/2013
- 94/362/CDV, IEC 61811-1 Ed.2: Electromechanical all-or-nothing telecom relays of assessed quality - Part 1: Generic Specification and blank detail specification, 10/25/2013



# Newly Published ISO & IEC Standards

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

## ISO Standards

### ACOUSTICS (TC 43)

[ISO 3095:2013](#), Acoustics - Railway applications - Measurement of noise emitted by railbound vehicles, \$192.00

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 7218/Amd1:2013](#), Microbiology of food and animal feeding stuffs - General requirements and guidance for microbiological examinations - Amendment 1, \$204.00

### BANKING AND RELATED FINANCIAL SERVICES (TC 68)

[ISO 6166:2013](#), Securities and related financial instruments - International securities identification numbering system (ISIN), \$90.00

### DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO 286-1/Cor1:2013](#), Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 1: Basis of tolerances, deviations and fits - Corrigendum, FREE

[ISO 286-2/Cor1:2013](#), 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 - Corrigendum, FREE

[ISO 25178-604:2013](#), Geometrical product specifications (GPS) - Surface texture: Areal - Part 604: Nominal characteristics of non-contact (coherence scanning interferometry) instruments, \$172.00

### ENVIRONMENTAL MANAGEMENT (TC 207)

[ISO 14031:2013](#), Environmental management - Environmental performance evaluation - Guidelines, \$164.00

### FOOTWEAR (TC 216)

[ISO 16187:2013](#), Footwear and footwear components - Test method to assess antibacterial activity, \$104.00

### FREIGHT CONTAINERS (TC 104)

[ISO 668:2013](#), Series 1 freight containers - Classification, dimensions and ratings, \$112.00

### GAS CYLINDERS (TC 58)

[ISO 11515:2013](#), Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L - Design, construction and testing, \$172.00

### INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[IEC 62264-1:2013](#), Enterprise-control system integration - Part 1: Models and terminology, \$285.00

### INDUSTRIAL TRUCKS (TC 110)

[ISO 3691-1/Cor1:2013](#), Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks - Corrigendum, FREE

### INTERNAL COMBUSTION ENGINES (TC 70)

[ISO 4548-5:2013](#), Methods of test for full-flow lubricating oil filters for internal combustion engines - Part 5: Test for cold start simulation and hydraulic pulse durability, \$70.00

### MACHINE TOOLS (TC 39)

[ISO 28881:2013](#), Machine tools - Safety - Electro-discharge machines, \$192.00

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

[ISO 19902/Amd1:2013](#), Petroleum and natural gas industries - Fixed steel offshore structures - Amendment 1, \$20.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 11252:2013](#), Lasers and laser-related equipment - Laser device - Minimum requirements for documentation, \$90.00

### PACKAGING (TC 122)

[ISO 16495:2013](#), Packaging - Transport packaging for dangerous goods - Test methods, \$192.00

### PAPER, BOARD AND PULPS (TC 6)

[ISO 3037:2013](#), Corrugated fibreboard - Determination of edgewise crush resistance (unwaxed edge method), \$70.00

### PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 12311:2013](#), Personal protective equipment - Test methods for sunglasses and related eyewear, \$235.00

[ISO 12609-1:2013](#), Eyewear for protection against intense light sources used on humans and animals for cosmetic and medical applications - Part 1: Specification for products, \$150.00

[ISO 12609-2:2013](#), Eyewear for protection against intense light sources used on humans and animals for cosmetic and medical applications - Part 2: Guidance for use, \$112.00

### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 9162:2013](#), Petroleum products - Fuels (class F) - Liquefied petroleum gases - Specifications, \$53.00

### PLASTICS (TC 61)

[ISO 13931:2013](#), Carbon fibre - Determination of volume resistivity, \$60.00

### ROAD VEHICLES (TC 22)

[ISO 15031-7:2013](#), Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 7: Data link security, \$60.00

[ISO 18669-1:2013](#), Internal combustion engines - Piston pins - Part 1: General specifications, \$135.00

#### **SOLID MINERAL FUELS (TC 27)**

[ISO 23499:2013](#), Coal - Determination of bulk density for the use in charging of coke ovens, \$60.00

#### **STEEL (TC 17)**

[ISO 4967:2013](#), Steel - Determination of content of non-metallic inclusions - Micrographic method using standard diagrams, \$164.00

#### **STEEL WIRE ROPES (TC 105)**

[ISO 16839:2013](#), Steel wire ropes - Determination of the transverse rigidity of steel wire ropes under no axial load condition, \$60.00

#### **TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)**

[ISO 7176-25:2013](#), Wheelchairs - Part 25: Batteries and chargers for powered wheelchairs, \$112.00

#### **TEXTILES (TC 38)**

[ISO 13015:2013](#), Woven fabrics - Distortion - Determination of skew and bow, \$80.00

[ISO 1833-25:2013](#), Textiles - Quantitative chemical analysis - Part 25: Mixtures of polyester and certain other fibres (method using trichloroacetic acid and chloroform), \$53.00

#### **THERMAL INSULATION (TC 163)**

[ISO 12571:2013](#), Hygrothermal performance of building materials and products - Determination of hygroscopic sorption properties, \$112.00

[ISO 16343:2013](#), Energy performance of buildings - Methods for expressing energy performance and for energy certification of buildings, \$157.00

#### **TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

[ISO 12140:2013](#), Agricultural machinery - Agricultural trailers and trailed equipment - Drawbar jacks, \$90.00

#### **TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

[ISO 15623:2013](#), Intelligent transport systems - Forward vehicle collision warning systems - Performance requirements and test procedures, \$150.00

#### **WELDING AND ALLIED PROCESSES (TC 44)**

[ISO 14732:2013](#), Welding personnel - Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials, \$98.00

[ISO 6520-2:2013](#), Welding and allied processes - Classification of geometric imperfections in metallic materials - Part 2: Welding with pressure, \$135.00

### **ISO/IEC JTC 1, Information Technology**

[ISO/IEC 9973:2013](#), Information technology - Computer graphics, image processing and environmental data representation - Procedures for registration of items, \$142.00

[ISO/IEC 29182-4:2013](#), Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 4: Entity models, \$126.00

[ISO/IEC 24730-61:2013](#), Information technology - Real time locating systems (RTLS) - Part 61: Low rate pulse repetition frequency Ultra Wide Band (UWB) air interface, \$157.00

#### **OTHER**

[ISO/IEC TS 17023:2013](#), Conformity assessment - Guidelines for determining the duration of management system certification audits, \$70.00

## **IEC Standards**

#### **ALARM SYSTEMS (TC 79)**

[IEC 62676-3 Ed. 1.0 b:2013](#), Video surveillance systems for use in security applications - Part 3: Analog and digital video interfaces, \$227.00

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

[IEC 62300 Ed. 1.0 b:2004](#), Consumer audio/video equipment digital interface with plastic optical fibre, \$74.00

[IEC 62389 Ed. 1.0 b:2005](#), Methods of measurement for DVD players, \$74.00

[IEC 62071-3 Ed. 1.0 b:2005](#), Helical-scan compressed digital video cassette system using 6,35 mm magnetic tape - Format D-7 - Part 3: Data stream format, \$169.00

#### **CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)**

[IEC 60286-4 Ed. 3.0 b:2013](#), Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of different forms, \$92.00

#### **FIBRE OPTICS (TC 86)**

[IEC 61754-6 Ed. 2.0 en:2013](#), Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family, \$359.00

#### **INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)**

[IEC 62453-301 Ed. 1.0 b:2009](#), Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1, \$386.00

[IEC 62453-302 Ed. 1.0 b:2009](#), Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2, \$205.00

[IEC 62453-309 Ed. 1.0 b:2009](#), Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9, \$185.00

[IEC 62453-303-2 Ed. 1.0 b:2009](#), Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6, \$205.00

#### **POWER ELECTRONICS (TC 22)**

[IEC 61800-7-204 Ed. 1.0 b:2007](#), Adjustable speed electrical power drive systems - Part 7-204: Generic interface and use of profiles for power drive systems - Profile type 4 specification, \$401.00

#### **POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

[IEC 61968-100 Ed. 1.0 b:2013](#), Application integration at electric utilities - System interfaces for distribution management - Part 100: Implementation profiles, \$380.00

#### **TOOLS FOR LIVE WORKING (TC 78)**

[IEC 60743 Ed. 3.0 b:2013](#), Live working - Terminology for tools, devices and equipment, \$337.00

## **IEC Technical Specifications**

### **PROCESS MANAGEMENT FOR AVIONICS (TC 107)**

[IEC/TS 62647-21 Ed. 1.0 en:2013](#), Process management for avionics - Aerospace and defence electronic systems containing lead-free solder - Part 21: Program management - Systems engineering guidelines for managing the transition to lead-free electronics, \$205.00

### **SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)**

[IEC/TS 62548 Ed. 1.0 en:2013](#), Photovoltaic (PV) arrays - Design requirements, \$292.00

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

## PUBLIC REVIEW

Sentinel Real Estate Corporation

Public Review: July 19 to October 16, 2013

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

# Proposed Foreign Government Regulations

## Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

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

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

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

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

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

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

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

### Calls for Members

#### Society of Cable Telecommunications

#### ANSI Accredited Standards Developer

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

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

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

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### ASC Z80 – Ophthalmic Standards

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of ANSI-Accredited Standards Committee Z80, Ophthalmic Standards has been approved under its recently revised operating procedures for documenting consensus on ASC Z80-sponsored American National Standards, effective July 30, 2013. For additional information, please contact the Secretariat of ASC Z80, The Vision Council: Mr. Jeff Endres, Secretariat Administrator, ASC Z80, The Vision Council, 225 Reinekers Lane, Suite 700, Alexandria, VA 22314; phone: 703.740.2245; e-mail: [jendres@thevisioncouncil.org](mailto:jendres@thevisioncouncil.org).

### Reaccreditation

#### ARMA International

#### Comment Deadline: September 3, 2013

ARMA International has submitted revisions to its currently accredited policies and procedures for documenting consensus on ARMA-sponsored American National Standards, under which it was last reaccredited in 2012. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Nancy D. Barnes, PhD, CRM, CA, Standards Consultant, ARMA International, 11880 College Boulevard, Suite 450, Overland Park, KS 66210; phone: 913.312.5565; e-mail: [standards@armaintl.org](mailto:standards@armaintl.org). You may view/download a copy of the revisions during the public review period at the following URL: <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to ARMA International by September 3, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: [jthompso@ANSI.org](mailto:jthompso@ANSI.org)).

## International Organization for Standardization (ISO)

### Call for Comments

#### ISO/DGUIDE 82 – Guide for Addressing Sustainability in Standards

#### Comment Deadline: August 2, 2013

The ISO TMB's Sustainability Guide Drafting Group (ISO/TMB/SGDG) has produced a draft guide entitled ISO/DGUIDE 82 - Guide for addressing sustainability in standards. The scope is as follows:

This guide provides guidance to standards writers on how to take account of sustainability in the drafting of ISO standards and similar deliverables. It outlines a methodology for ISO standards writers to develop their own approach to the task on a subject specific basis.

Organizations interested in submitting comments should contact Rachel Hawthorne at [rhawthorne@ansi.org](mailto:rhawthorne@ansi.org) by August 2, 2013.

## U.S. Technical Advisory Groups

### Transfer of U.S. TAG Administrator

#### U.S. TAG to ISO TC 163 – Thermal Performance and Energy Use in the Built Environment

The ANSI-Accredited U.S. Technical Advisory Group to ISO TC 163, Thermal performance and energy use in the built environment (and to its subcommittees, SC 1, Test and measurement methods; SC 2, Calculation methods; SC 3, Thermal insulation products; and SC 4, Insulation products for industrial applications), has approved the transfer of its TAG Administrator from the ASTM to the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). The TAG will continue to operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures). The role of TAG Administrator for the US TAG to ISO TC 163 will be formally transferred, effective September 3, 2013 (ASHRAE is appointed as the interim TAG Administrator, effective immediately). For additional information, please contact: Mr. Doug Tucker, Assistant Manager of Standards – International, ASHRAE, 1791 Tullie Circle, Atlanta, GA 30329; phone: 678.539.1209; e-mail: [dtucker@ashrae.org](mailto:dtucker@ashrae.org) (please copy [psa@ansi.org](mailto:psa@ansi.org) on any communications related to this action).

## Meeting Notices

### Optics and Electro-Optics Standards Council Task Force Meetings

#### ASC/OP Task Force 4 – Optics Drawing Notations

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 4 (Optics Drawing Notations) will meet by teleconference on Thursday, August 8th, 2013 at 11:00 EDT. Contact Dave Aikens for call-in information at [daikens@optstd.org](mailto:daikens@optstd.org).

#### ASC/OP Task Force 2 – Optics Imperfections

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 2 (Optics Imperfections) will meet by teleconference on Thursday, August 8th, 2013 at 13:00 EDT. Contact Gordon Boulton for call-in information at [gboulton@aol.com](mailto:gboulton@aol.com).

#### ASC/OP Task Force 1 – Optical Glass

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 1 (Optical Glass) will meet by teleconference on Thursday, August 8th, 2013 at 16:30 EDT. Contact Hal Johnson for call-in information at [hj@hjol.com](mailto:hj@hjol.com).

#### ASC/OP Task Force 5 – Aspheric Optics

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 5 (Aspheric Optics) will meet by teleconference on Wednesday October 30th, 2013 at 11:00 EDT. Contact Rich Youngworth for call-in information at [ryoungworth@riyo-llc.com](mailto:ryoungworth@riyo-llc.com).

# Information Concerning

## International Organization for Standardization (ISO)

### Call for Comments

### ISO/TMB – Standards under Systematic Review

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

- **ISO 310:1992 (Ed 3, vers 4)**, Manganese ores and concentrates -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 312:1986 (Ed 3, vers 4)**, Manganese ores -- Determination of active oxygen content, expressed as manganese dioxide -- Titrimetric method
- **ISO 554:1976 (vers 6)**, Standard atmospheres for conditioning and/or testing -- Specifications
- **ISO 4293:1982 (vers 3)**, Manganese ores and concentrates -- Determination of phosphorus content -- Extraction-molybdovanadate photometric method
- **ISO 4296-1:1984 (vers 3)**, Manganese ores -- Sampling -- Part 1: Increment sampling
- **ISO 4571:1981 (vers 5)**, Manganese ores and concentrates -- Determination of potassium and sodium content -- Flame atomic emission spectrometric method
- **ISO 5890:1981 (vers 5)**, Manganese ores and concentrates -- Determination of silicon content -- Gravimetric method
- **ISO 6129:1981 (vers 5)**, Chromium ores -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 6130:1985 (vers 3)**, Chromium ores -- Determination of total iron content -- Titrimetric method after reduction
- **ISO 7990:1985 (vers 3)**, Manganese ores and concentrates -- Determination of total iron content -- Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method
- **ISO 8530:1986 (vers 4)**, Manganese and chromium ores -- Experimental methods for checking the precision of sample division
- **ISO 8542:1986 (vers 4)**, Manganese and chromium ores -- Experimental methods for evaluation of quality variation and methods for checking the precision of sampling

As there is no accredited U.S. TAG to provide the U.S. consensus positions on these documents, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact [ISOT@ansi.org](mailto:ISOT@ansi.org).

# **Information Concerning International Electrotechnical Commission (IEC)**

## **New Field of Technical Activity**

### **Proposal for a new technical committee entitled “Switchgear and controlgear and their assemblies for low voltage”**

#### **Comment Deadline: August 30, 2013**

The IEC National Committees have been invited to vote before September, 6, 2013 on a proposal by IEC SC17B and IEC SC17D Secretaries for a New Field of Technical Activity – Switchgear and Controlgear and Their Assemblies for Low Voltage.

**Draft Scope:** To prepare international standards for low-voltage switchgear and controlgear equipment for industrial, commercial and similar use rated below or equal to 1 kV a.c. and 1,5 kV d.c, electromechanical as well as semiconductor (solid state) equipment. The scope includes open and enclosed separate items of equipment as well as assemblies which are the combinations of items of equipment into complete functional units.

**Purpose and Justification:** Introduction: After the consultation made by TC 17 (document 17/996/Q) about its structure, the resulting comments (document 17/998/RQ) have pointed the necessity for a stronger coordination between SC 17B and SC 17D which was not easy without any activities at TC 17 level. The document proposes a new organization for low voltage activities.

**Business:** In mature countries, most of the devices covered by SC 17B are integrated within assemblies covered by SC 17D. Continued effort is required to ensure wider adoption of the standards in less developed markets and countries. The market trend is to optimise solutions in terms of functions and performance, at a high level of safety for each domain of application, for example: infrastructure, building, machinery, etc. This implies a stronger coordination between component and assembly standards committees, especially for new industrial applications, such as PV, windmills, etc.

**Technology:** The new trends are the incorporation of more electronic parts in switchgear, of more IT subsystems integrated in assemblies, of DC power supply distribution and of aluminum conductors. These are the challenges for future common rules in SC 17B and SC 17D.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at [tzertuche@ansi.org](mailto:tzertuche@ansi.org).

# **Information Concerning**

## **International Electrotechnical Commission (IEC)**

### **New Field of Technical Activity**

### **Proposal for a new technical committee on UHV AC transmission systems**

### **Comment Deadline: August 30, 2013**

The IEC National Committees have been invited to vote before September 6, 2013 on a proposal from the Chinese National Committee for a New Field of Technical Activity – UHV AC transmission systems.

Draft Scope: Standardization in the field of AC transmission technology at 1000 kV and above, comprising systems-oriented guidance such as that for planning, design aspects, technical requirements, construction, commissioning, reliability, availability, operation and maintenance. Processes for specifying requirements and demonstrating whether the required performance of UHV systems is assured.

Responsibility for equipment standards remains with product TCs, except for specific equipment which is not within the scope of an existing TC but is nevertheless essential for the UHV transmission system. The UHV AC Transmission TC will consult and coordinate with the product TCs in all systems-related aspects of equipment standards.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at [tzertuche@ansi.org](mailto:tzertuche@ansi.org).

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## Sustainability Assessment for Carpet

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### 6.3.5.2.3 PBTs used in materials or process inputs

The boundary for this credit shall be Annex B, Figure B1. A manufacturer shall receive one point for obtaining documentation from first tier suppliers (one step upstream) of the manufacturing facility (~~see Annex B, Figure B1~~) that PBT chemicals and other chemicals of concern are not in ~~supply chain materials~~ used in the product being certified and that process inputs are below TRI reporting thresholds ~~and documenting that suppliers' PBT emissions are below reporting thresholds as described in Annex B, Table B.1~~. This shall apply to the incoming raw materials that result in 1% or greater of the final product.

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## **BSR/UL 681, Standard for Safety for Installation and Classification of Burglar and Holdup Alarm Systems**

### **1. Proposed Fourteenth Edition of the Standard for Installation and Classification of Burglar and Holdup Alarm Systems, UL 681**

#### **PROPOSAL**

2.2.4 To permit entry into or exit from alarmed areas protected by mercantile systems, a timer or shunting device may be employed. See 19.2.6 and 19.2.8.

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## BSR/UL 414, Standard for Safety for Meter Sockets

### 1. Addition of a Requirement to Cover Exposed Energized Bus Work in the Meter Enclosure

6.1.14 All exposed bus work must be covered by either rubber sheathing or a barrier to avoid accidental contact. Energized parts other than wiring terminals and meter jaws shall be provided with insulating barriers to reduce the possibility of accidental contact when removing or installing a meter.

### 2. Addition of a Requirement to Prevent the Mounting of Connections Above the Line Terminals

9.1.1 In ~~9.1.2 - 9.1.6~~ 9.1.4 - 9.1.8, the liner or barrier that is referenced is insulating material that separates uninsulated live parts of opposite polarity, or separates uninsulated live parts and a grounded dead metal part (including the enclosure) where the through air spacing between the parts would otherwise be less than the required value. Over surface spacings are measured across air gaps of less than 1/32 inch (0.8 mm).

9.1.2 ~~Fiber shall not be used as a liner or barrier. Any uninsulated, ungrounded bus bar and any terminal on the line side of the meter base shall be located or isolated by a barrier to prevent any hardware (part) or tools from falling onto an uninsulated live part of equipment located below. The barrier shall be securely fastened in place. The width and depth of the barrier shall either:~~

- a) Extend beyond any live past below it or
- b) Extend rearward from the front wall of the meter base to the rear of the meter base, and, if space permits, laterally at least 152 mm (6 in.) beyond the vertical projection of each side of the live part being protected. If space does not permit the 152 mm (6 in.) extension, the barrier shall extend to the side wall of the meter base. Any edge of the barrier not in contact with a meter base wall shall have an upturned flange at least 19.1 mm (¾ in.) high

9.1.3 ~~A barrier that comprises the sole separation or is used in conjunction with an air space of less than 0.013 inch (0.33 mm) shall comply with (a) and (b). The barrier shall:~~

- a) ~~Be insulating material as covered in 5.2. However, with regard to the flammability rating in Table 5.1, the rating may be VTM-0 rather than V-0, VTM-1 rather than V-1, or VTM-2 rather than V-2.~~

~~Exception: A barrier may be acceptable based on the end-product tests specified in the Standard for Polymeric Materials—Use in Electrical Equipment Evaluations, UL 746C.~~

- ~~b) Have a minimum thickness of 0.028 inch (0.71 mm).~~

~~Exception: A barrier of insulating material may have a thickness less than 0.028 inch if it withstands a 60-hertz dielectric withstand voltage of 5000 volts applied in accordance with 20.2.1.~~

A meter barrier shall have a thickness not less than 0.81 mm (0.032 in.). The barrier may be of expanded metal or screen if the openings are not larger than 1.6 cm<sup>2</sup> (1/16 in<sup>2</sup>). A nonmetallic barrier shall be at least 1.6 mm (1/16 in) thick and shall be reinforced if necessary to provide mechanical strength, and shall have no openings that will permit passage of a rod having a diameter greater than 12.7 mm (0.5 in.).

9.1.4 A barrier used in conjunction with a minimum air space of 0.013 inch (0.33 mm) shall comply with (a) – (e). The barrier shall be:

- ~~a) Material that has insulating properties as covered in 9.1.3 or complies with the requirements for internal barriers as specified in Table 9.1. The relative thermal index shall be at least 90°C (194°F).~~

~~Exception: A barrier may be acceptable based on the end-product tests specified in the Standard for Polymeric Materials—Use in Electrical Equipment Evaluations, UL 746C.~~

- ~~b) Of such strength to withstand exposure to mechanical damage.~~
- ~~c) Secured in place.~~
- ~~d) Located so that it will not be adversely affected by operation of the equipment in service.~~
- ~~e) Of a minimum thickness of 0.028 inch (0.71 mm).~~

~~Exception No. 1: The material may have a thickness less than 0.028 inch if it withstands a 60-hertz dielectric withstand voltage of 5000 volts applied in accordance with 20.2.1.~~

~~Exception No. 2: Material used in conjunction with an air space of 1/2 or more of the required through-air spacing may have a thickness not less than 0.013 inch, or less than 0.013 inch if it withstands a 60-hertz dielectric withstand voltage of 2500 volts applied in accordance with 20.2.1.~~

Fiber shall not be used as a liner or barrier.

9.1.5 ~~A wrap of thermoplastic tape, rated for use as sole insulation, may be employed if:~~

- ~~a) At a point where the spacing prior to the application of the tape is not less than half the required through-air spacing shown in Table 8.1 the wrap is not less than 0.013 inch (0.33 mm) thick and is applied in two or more layers.~~
- ~~b) At a point where the spacing prior to the application of the tape is less than half the required through-air spacing shown in Table 8.1, the wrap is not less than 0.028 inch (0.71 mm) thick.~~
- ~~c) The tape is not subject to compression.~~
- ~~d) The tape is not wrapped over a sharp edge.~~
- ~~e) The tape is not subjected to temperatures in excess of 80°C (176°F).~~

A barrier that comprises the sole separation or is used in conjunction with an air space of less than 0.013 inch (0.33 mm) shall comply with (a) and (b). The barrier shall:

- a) Be insulating material as covered in 5.2. However, with regard to the flammability rating in Table 5.1, the rating may be VTM-0 rather than V-0, VTM-1 rather than V-1, or VTM-2 rather than V-2.

Exception: A barrier may be acceptable based on the end-product tests specified in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C.

- b) Have a minimum thickness of 0.028 inch (0.71 mm).

Exception: A barrier of insulating material may have a thickness less than 0.028 inch if it withstands a 60-hertz dielectric-withstand voltage of 5000 volts applied in accordance with 20.2.1.

9.1.6 ~~When the spacings are less than the required values, thermoplastic tubing may be used when:~~

- ~~a) It is not subjected to a temperature higher than that for which the tubing is acceptable;~~
- ~~b) It is not subjected to compression, repeated flexure, or creasing at a point where the tubing is required to satisfy spacing requirements;~~
- ~~c) All edges of the conductor covered with the tubing are well rounded and free from sharp edges;~~

- d) ~~For chemically dilated tubing, a solvent recommended by the tubing manufacturer is used; and~~
- e) ~~The wall thickness (after assembly) of the tubing is not less than 0.022 inch (0.56 mm) for tubing 1/2 inch (12.7 mm) or less in diameter, not less than 0.027 inch (0.69 mm) for 9/16 and 5/8 inch (14.3 and 15.9 mm) diameter tubing, and not less than 0.028 inch (0.71 mm) for larger tubing.~~

A barrier used in conjunction with a minimum air space of 0.013 inch (0.33 mm) shall comply with (a) - (e). The barrier shall be:

- a) Material that has insulating properties as covered in 9.1.5 or complies with the requirements for internal barriers as specified in Table 9.1. The relative thermal index shall be at least 90°C (194°F).

*Exception: A barrier may be acceptable based on the end-product tests specified in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C.*

- b) Of such strength to withstand exposure to mechanical damage.
- c) Secured in place.
- d) Located so that it will not be adversely affected by operation of the equipment in service.
- e) Of a minimum thickness of 0.028 inch (0.71 mm).

*Exception No. 1: The material may have a thickness less than 0.028 inch if it withstands a 60-hertz dielectric-withstand voltage of 5000 volts applied in accordance with 20.2.1.*

*Exception No. 2: Material used in conjunction with an air space of 1/2 or more of the required through-air spacing may have a thickness not less than 0.013 inch, or less than 0.013 inch if it withstands a 60-hertz dielectric-withstand voltage of 2500 volts applied in accordance with 20.2.1.*

9.1.7.4 wrap of thermoplastic tape, rated for use as sole insulation, may be employed if:

- a) At a point where the spacing prior to the application of the tape is not less than half the required through-air spacing shown in Table 8.1 the wrap is not less than 0.013 inch (0.33 mm) thick and is applied in two or more layers.
- b) At a point where the spacing prior to the application of the tape is less than half the required through-air spacing shown in Table 8.1, the wrap is not less than 0.028 inch (0.71 mm) thick.

- c) The tape is not subject to compression.
- d) The tape is not wrapped over a sharp edge.
- e) The tape is not subjected to temperatures in excess of 80°C (176°F).

9.1.8 When the spacings are less than the required values, thermoplastic tubing may be used when:

- a) It is not subjected to a temperature higher than that for which the tubing is acceptable;
- b) It is not subjected to compression, repeated flexure, or creasing at a point where the tubing is required to satisfy spacing requirements;
- c) All edges of the conductor covered with the tubing are well rounded and free from sharp edges;
- d) For chemically dilated tubing, a solvent recommended by the tubing manufacturer is used; and
- e) The wall thickness (after assembly) of the tubing is not less than 0.022 inch (0.56 mm) for tubing 1/2 inch (12.7 mm) or less in diameter, not less than 0.027 inch (0.69 mm) for 9/16 and 5/8 inch (14.3 and 15.9 mm) diameter tubing, and not less than 0.028 inch (0.71 mm) for larger tubing.

9.2.4 A nonmetallic barrier shall

- a) Not be less than 1/16 inch (1.6 mm) thick and
- b) Not contact any live part unless the barrier is of the type described in 9.1.3 9.1.5.

~~11.6 No ground, neutral or bonding provision or connector should be mounted above the line side terminals on the meter socket.~~

20.2.1 With regard to ~~9.1.3~~ 9.1.5 and ~~9.1.4~~ 9.1.6, the barrier material is to be placed between two metal electrodes. The electrodes are to be cylindrical brass or stainless steel rods 1/4 inch (6.4 mm) in diameter with edges rounded to a 1/32 inch (0.8 mm) radius. The test potential is to be increased to the test value and is to be maintained for 1 second. There shall be no dielectric breakdown.

## BSR/UL 1286, Standard for Safety for Office Furnishings

### 2. Additional Requirements for Video Display (Flat Panel TV) Mounting on Office Furnishings.

#### 2.41.1 VIDEO MOUNTING SYSTEM TYPES:

ADJUSTABLE MOUNT - A mounting system designed with components that may be adjusted once, infrequently or requires a tool be used for adjustment and is intended to support the video display in a fixed position after assembly and installation.

ARTICULATING MOUNT - A mounting system intended to allow active movement, adjustment, and repositioning, after installation.

MONITOR ARM - A device identified to support a computer video display that is in turn supported by or secured to a desk or table.

#### **19.11 Monitor arms**

19.11.1 A monitor arm shall comply with the Standard for Desk and Table Products, ANSI/BIFMA X 5.5.

#### **19.12 Video displays**

##### **19.12.1 Video display mounting**

19.12.1.2 The tests in Section 33 shall be conducted with the video display mounting system loaded in accordance with Table 34A.1 except for the proof load test which shall be conducted in accordance with Section 34A.2.

Exception: A monitor arm shall comply with the proof load test specified in the Standard for Desk and Table Products, ANSI/BIFMA X 5.5, for a monitor arm. There shall be no loss of serviceability of the attachment of the arm to the desk or table when tested in accordance with the requirements of ANSI/BIFMA X 5.5.

### **34A Video Display Mounting System Tests**

#### **34A.1 Cycling test for articulating video mounts**

34A.1.1 An articulating video mounting system shall be constructed so there is no collapse, permanent damage, loosening of pivots or fasteners resulting in a risk of fire, electric shock, or injury to persons during or after the cycling test. The video mount shall be installed according to

the instructions provided with the video mount to the office furnishing. The office furnishing shall be unloaded or loaded in accordance with the functional load requirements of Section 33 which ever condition is determined to be more severe. All threaded fasteners that may be affected by the mount movement shall be torqued to specifications. All movement tension adjustments shall be adjusted as recommended by the instructions provided.

Exception: A monitor arm shall comply with the cycle test specified in the Standard for Desk and Table Products, ANSI/BIFMA X 5.5. Monitor arms with electrical features shall also comply with 34A.1.2 - 34A.1.5.

### 34A.2 Proof load securement test

34A.2.3 Each shelf, work surface, drawer, or storage area shall be loaded with the proof load specified in Section 33 for the type of office furnishing under investigation and concurrently loaded for a period of 60 minutes with the following load:

- a) Four times (4X) the load specified in Table 34A.1 when the individual supporting surface is rated 100 pounds (45.36 kG) or less, or
- b) Two times plus 200 pounds ( $2x + 200$  lbs) ( $2x + 90.72$  kG) the load specified in Table 34A.1 when the video display supporting surface type is greater than 100 pounds. A specified load greater than 100 pounds shall be not less than 105 pounds (47.6 kG).

Exception: With regards to (a) and (b), a monitor arm shall comply with proof load test specified in the Standard for Desk and Table Products, ANSI/BIFMA X 5.5, when attached to the desk or table in accordance with the installation instructions.

38.20 The supporting surface for the video display or monitor arm shall be permanently marked with the maximum weight of the video display it is intended to support. The marking is not required to be visible after installation of the video display.