

# **ANSI** STANDARDS ACTION

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## American National Standards

### Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC 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 should 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.

★ Standard for consumer products

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

## Comment Deadline: May 18, 2003

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

#### Supplements

BSR/ASHRAE/IESNA 90.1s-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Modifies exceptions (g) and (i) to Section 6.3.6.1. The change to (g) corrects an acknowledged typo. Exception (i) is revised to apply to systems requiring dehumidification that employ any series energy recovery technology. As currently written, exception (i) exempts only systems that require dehumidification and that use series-style energy recovery coils wrapped around the cooling coil. Series energy recovery can be accomplished by a variety of other technologies.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: [public.review.comments@ashrae.org](mailto:public.review.comments@ashrae.org)

BSR/ASHRAE/IESNA 90.1o-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Exception d to Section 6.3.1 is being revised in this proposed addendum to clearly indicate that it applies only to heat recovery systems that are required by Section 6.3.6.2. This change is being made in response to a concern that the current wording of "d" would allow a misinterpretation that, by just having condenser heat recovery to preheat hot water without regard to how much energy was being recovered, the requirement for economizers in Section 6.3.1 could be avoided.

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### UL (Underwriters Laboratories, Inc.)

#### New Standards

BSR/UL 414-200x, Meter Sockets (Bulletin Dated: April 18, 2003) (new standard)

The requirements cover meter sockets for use with Watthour and similar meters; Test switches; Metering transformer cabinets; and Metering transformer cabinet interiors for installation in accordance with the National Electrical Code, NFPA 70. Meter sockets are marked with a continuous duty ampere rating and may in addition have a maximum use (intermittent) ampere rating of 125 percent or less of the continuous duty ampere rating.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Derrick Martin, UL-CA; [Derrick.L.Martin@us.ul.com](mailto:Derrick.L.Martin@us.ul.com)

## Comment Deadline: June 2, 2003

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

#### Supplements

BSR/ASHRAE 52.2a-200x, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size (supplement to ANSI/ASHRAE 52.2-1999)

Proposes revisions to Section 5.16.1. The reference filter check in the current standard is not practical. The shape of the filtration efficiency curve is somewhat S-shaped, and the present criteria are not applicable for such shapes. By proposing that the shift be measured on the filtration efficiency axis, the addendum makes the specification applicable in all cases. It also allows a wider selection of filters so it is easier for testing laboratories to locate reference filters.

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BSR/ASHRAE 135c-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-1995)

Makes the modes supported by Life Safety objects network visible, adds Unsilence Options to the Life Safety Operation Service, specifies the relationship between the Event\_Type and Event\_Parameter properties, adds a new Accumulator Object Type, adds a new Pulse Converter Object Type, standardizes event notification priorities, defines Abort reason when insufficient segments are available, and adds new Error Codes and specifies their usage.

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BSR/ASHRAE 135d-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-1995)

Adds clauses describing BACnet-EIB/KNX mapping. EIB/KNX is a prominent communication protocol that is widely used for Home and Building Electronic Systems for field-level residential and non-residential controls in lighting, shading, HVAC, energy management and security applications. The proposed addition to normative Annex H, Combining BACnet Networks with Non-BACnet Networks, standardizes the interface between BACnet and EIB/KNX systems.

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BSR/ASHRAE/IESNA 90.1e-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Contains several key revisions for the 2nd public review:

- (1) The non-regulated loads are now included to provide a more accurate accounting for the energy cost savings.
- (2) The baseline performance is now generated only by rotating the building four times and averaging the results; this eliminates the option to have equal areas in the cardinal directions.
- (3) The baseline now uses eight instead of six system types; the two new types are packaged DX VAV systems.

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BSR/ASHRAE/IESNA 90.1h-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Updates the normative references. These changes affect the testing procedures for determining the building material thermal properties and assembly U-factors of Sections A9.3.1 and A9.3.2 of Normative Appendix A. Test procedure ASTM C1363 replaces ASTM C236 and ASTM C976 for these properties. Also, where credit is taken for a low-emissivity coating for skylights, the coating emissivity shall now be determined in accordance with NFRC 300-2001 instead of NFRC 301-1993.

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BSR/ASHRAE/IESNA 90.1r-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Modifies Table 6.2.4.2B to make it clear that the return duct insulation requirements shown in Table 6.2.4.2A also apply to return ducts when combined heating and cooling supply ducts are used. The existing standard shows the return duct requirements only under Table 6.2.4.2A, creating some potential for confusion since that table is titled "Cooling and Heating Only Supply Ducts and Return Ducts."

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BSR/ASHRAE/IESNA 90.1p-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

The Energy Cost Budget section requires the use of a building energy simulation program to estimate the energy cost difference between the design building model and a budget building model. Section 11.2.1 specifies the minimum capabilities of the program but not its minimum quality. This addendum starts to address this omission by requiring that the program be tested with ANSI/ASHRAE Standard 140-2001, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs.

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BSR/ASHRAE/IESNA 90.1q-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

Updates 90.1 exterior lighting requirements in response to recent research and equipment improvements. Existing LPD values are reduced or maintained based on current design criteria and current lighting equipment efficiency. All of the other exterior lighting in the existing lighting section was only regulated as a light source efficacy. This addendum enhances this requirement with specific LPD values that provide definite limits for exterior lighting use.

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## New Standards

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### **New National Adoptions**

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### **Revisions**

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BSR/ASTM E1631-200x, Practice for Use of Calorimetric Dosimetry Systems for Electron Beam Dose Measurements and Dosimeter Calibrations (revision of ANSI/ASTM E1631-2003)

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BSR/ASTM E1818-200x, Practice for Dosimetry in an Electron Beam Facility for Radiation Processing at Energies Between 80 and 300 KeV (revision of ANSI/ASTM E1818-1997)

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BSR/ASTM F683-200x, Practice for Selection and Application of Thermal Insulation for Piping and Machinery (revision of ANSI/ASTM F683-2002)

Single copy price: \$40.00

★ BSR/ASTM F1163-200x, Specification for Protective Headgear Used in Horse Sports and Horseback Riding (revision of ANSI/ASTM F1163-2001)

Single copy price: \$25.00

BSR/ASTM F1446-200x, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-2001a)

Single copy price: \$30.00

BSR/ASTM F1511-200x, Specification for Mechanical Seals for Shipboard Pump Applications (revision of ANSI/ASTM F1511-2002)

Single copy price: \$35.00

BSR/ASTM F1741-200x, Practice for Installation of Machine Spiral Wound Poly(Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits (revision of ANSI/ASTM F1741-2002a)

Single copy price: \$30.00

BSR/ASTM F1808-200x, Guide for Weight Control Technical Requirements for Surface Ships (revision of ANSI/ASTM F1808-1997)

Single copy price: \$30.00

BSR/ASTM F1853-200x, Test Method for Measuring Sleeping Bag Packing Volume (revision of ANSI/ASTM F1853-1998)

Single copy price: \$25.00

BSR/ASTM F1883-200x, Practice for Selection of Wire and Cable Size, in AWG or Metric Units (revision of ANSI/ASTM F1883-1998)

Single copy price: \$25.00

BSR/ASTM F2023-200x, Test Method for Evaluating the Oxidative Resistance of Crosslinked Polyethylene (PEX) Tubing and Systems to Hot Chlorinated Water (revision of ANSI/ASTM F2023-2000)

Single copy price: \$30.00

BSR/ASTM F2106-200x, Test Methods for Evaluating Design and Performance Characteristics of Motorized Treadmills (revision of ANSI/ASTM F2106-2002)

Single copy price: \$30.00

### **Reaffirmations**

BSR/ASTM D128-1998 (R200x), Test Methods for Analysis of Lubricating Grease (reaffirmation of ANSI/ASTM D128-1998)

Single copy price: \$35.00

BSR/ASTM D1266-1998 (R200x), Test Method for Sulfur in Petroleum Products (Lamp Method) (reaffirmation of ANSI/ASTM D1266-1998)

Single copy price: \$35.00

BSR/ASTM D2268-1993 (R200x), Test Method for Analysis of High-purity n-Heptane and Isooctane by Capillary Gas Chromatography (reaffirmation of ANSI/ASTM D2268-1993 (R1998))

Single copy price: \$30.00

BSR/ASTM D2784-1998 (R200x), Test Method for Sulfur in Liquefied Petroleum Gases (Oxy-hydrogen Burner or Lamp) (reaffirmation of ANSI/ASTM D2784-1998)

Single copy price: \$30.00

BSR/ASTM D2890-1992 (R200x), Test Method for Calculation of Liquid Heat Capacity of Petroleum Distillate Fuels (reaffirmation of ANSI/ASTM D2890-1992 (R1996))

Single copy price: \$25.00

BSR/ASTM D3340-1998 (R200x), Test Method for Lithium and Sodium in Lubricating Greases by Flame Photometer (reaffirmation of ANSI/ASTM D3340-1998)

Single copy price: \$25.00

BSR/ASTM D3348-1998 (R200x), Test Method for Rapid Field Test for Trace Lead in Unleaded Gasoline (Colorimetric Method) (reaffirmation of ANSI/ASTM D3348-1998)

Single copy price: \$30.00

BSR/ASTM D3705-1998 (R200x), Test Method for Misting Properties of Lubricating Fluids (reaffirmation of ANSI/ASTM D3705-1998)

Single copy price: \$30.00

BSR/ASTM D4042-1993 (R200x), Test Method for Sampling and Testing for Ash and Total Iron in Steel Mill Dispersions of Rolling Oils (reaffirmation of ANSI/ASTM D4042-93 (R1998))

Single copy price: \$25.00

BSR/ASTM D4293-83 (R200x), Specification for Phosphate Ester Based Fluids for Turbine Lubrication (reaffirmation of ANSI/ASTM D4293-83 (R1998))

Single copy price: \$25.00

BSR/ASTM D4859-1997 (R200x), Specification for Lubricants for Two-stroke-cycle Spark-ignition Gasoline Engines - TC (reaffirmation of ANSI/ASTM D4859-1997)

Single copy price: \$25.00

BSR/ASTM D4998-1995 (R200x), Test Method for Evaluating Wear Characteristics of Tractor Hydraulic Fluids (reaffirmation of ANSI/ASTM D4998-1995)

Single copy price: \$30.00

BSR/ASTM D5059-1998 (R200x), Test Methods for Lead in Gasoline by X-ray Spectroscopy (reaffirmation of ANSI/ASTM D5059-1998)

Single copy price: \$30.00

BSR/ASTM D5134-1998 (R200x), Test Method for Detailed Analysis of Petroleum Naphthas Through N-Nonane by Capillary Gas Chromatography (reaffirmation of ANSI/ASTM D5134-1998)

Single copy price: \$35.00

BSR/ASTM D5372-1998 (R200x), Guide for the Evaluation of Hydrocarbon Heat Transfer Fluids (reaffirmation of ANSI/ASTM D5372-1998)

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BSR/ASTM D5442-93 (R200x), Test Method for Analysis of Petroleum Waxes by Gas Chromatography (reaffirmation of ANSI/ASTM D5442-93 (R1998))

Single copy price: \$30.00

BSR/ASTM D5443-93 (R200x), Test Method for Paraffin, Naphthene, and Aromatic Hydrocarbon Type Analysis in Petroleum Distillates Through 200c by Multi-dimensional Gas Chromatography (reaffirmation of ANSI/ASTM D5443-93 (R1998))

Single copy price: \$30.00

BSR/ASTM D5600-1998 (R200x), Test Method for Trace Metals in Petroleum Coke by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) (reaffirmation of ANSI/ASTM D5600-1998)

Single copy price: \$25.00

BSR/ASTM D5707-1999 (R200x), Test Method for Measuring Friction and Wear Properties of Lubricating Grease Using a High-frequency, Linear-oscillation (SRV) Test Machine (reaffirmation of ANSI/ASTM D5707-1999)

Single copy price: \$30.00

BSR/ASTM D6160-1998 (R200x), Test Method for Determination of Polychlorinated Biphenyls (PCBs) in Waste Materials by Gas Chromatography (reaffirmation of ANSI/ASTM D6160-1998)

Single copy price: \$35.00

BSR/ASTM D6186-1997 (R200x), Test Method for Oxidation Induction Time of Lubricating Oils by Pressure Differential Scanning Calorimetry (PDSC) (reaffirmation of ANSI/ASTM D6186-1997)

Single copy price: \$30.00

BSR/ASTM D6293-1999 (R200x), Test Method for Oxygenates and Paraffin, Olefin, Naphthene, Aromatic (reaffirmation of ANSI/ASTM D6293-1999)

Single copy price: \$30.00

BSR/ASTM D6296-1999 (R200x), Test Method for Total Olefins in Spark-ignition Engine Fuels by Multi-dimensional Gas Chromatography (reaffirmation of ANSI/ASTM D6296-1999)

Single copy price: \$30.00

BSR/ASTM D6334-1998 (R200x), Test Method for Sulfur in Gasoline by Wavelength Dispersive X-ray Fluorescence (reaffirmation of ANSI/ASTM D6334-1998)

Single copy price: \$30.00

BSR/ASTM E1762-1997 (R200x), Guide for Electronic Authentication of Health Care Information (reaffirmation of ANSI/ASTM E1762-1997)

Single copy price: \$35.00

BSR/ASTM F1085-1984 (R200x), Specification for Mattress and Box Springs, Berths (reaffirmation of ANSI/ASTM F1085-1984 (94))

Single copy price: \$25.00

### **Withdrawals**

ANSI/ASTM D1217-1993 (R1998), Test Method for Density and Relative Density Specific Gravity of Liquids by Bingham Pycnometer (withdrawal of ANSI/ASTM D1217-1993 (R1998))

Single copy price: \$30.00

ANSI/ASTM D2882-2000, Test Method for Indicating Wear Characteristics of Petroleum and Non-petroleum Hydraulic Fluids in Constant Volume Vane Pump (withdrawal of ANSI/ASTM D2882-2000)

Single copy price: \$35.00

ANSI/ASTM F1751-2001, Specification for Helmets Used in Recreational Roller Skating (withdrawal of ANSI/ASTM F1751-2001)

Single copy price: \$25.00

## **FMRC (FM Approvals)**

### **New Standards**

BSR/FMRC FM 4474-200x, Test Standard for Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures (new standard)

Presents a test method for determining and categorizing wind uplift resistance of roof assemblies including the structural deck. The objective of this test is to evaluate the comparative resistance of roof assemblies to positive and/or positive and negative pressures. The test evaluates the deck and roof covers including all components for their method of attachment to each other and to their supports.

Single copy price: Free

Order from: Martha McHatton, FMRC: martha.mchatton@fmglobal.com

Send comments (with copy to BSR) to: Same

## **ITI (INCITS)**

### **New Standards**

BSR INCITS 338-200x, Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Optical Specification (HIPPI-6400-OPT) (new standard)

Specifies a media-level, point-to-point, 12-channel, full-duplex, electrical/optical interface, with each channel operating at 500 Mbit/s or 1 Gbit/s. Multimode (MM) fiber cables, and single-mode (SM) fiber cables, are used for distances up to 1 km when carrying the HIPPI-6400-PH protocol. Differential signals are used on the electrical side.

Single copy price: \$18.00 (electronic copy)

Order from: NCITS Storefront

Send comments (with copy to BSR) to: Deborah J. Spittle, ITI (INCITS); dspittle@itic.org

BSR INCITS 359-200x, Information technology - Role Based Access Control (new standard)

Consists of two main parts - the RBAC Reference Model and the RBAC System and Administrative Functional Specification. The RBAC Reference Model defines sets of basic RBAC elements (i.e., users, roles, permissions, operations and objects) and relations as types and functions that are included in this standard. The RBAC System and Administrative Functional Specification specifies the features that are required of an RBAC system.

Single copy price: \$18.00

Order from: Techstreet

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

### **New National Adoptions**

INCITS/ISO 7064-200x, Information technology - Security techniques - Check character systems (identical national adoption and revision of INCITS/ISO 7064-1983)

Specifies a set of check character systems capable of protecting strings against errors which occur when people copy or type data.

Single copy price: \$46.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

INCITS/ISO 19111-2003, Geographic information - Spatial referencing by coordinates (identical national adoption)

Defines the conceptual schema for the description of spatial referencing by coordinates.

Single copy price: \$88.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

INCITS/ISO/IEC 11179-3-2003, Information technology - Metadata registries (MDR) - Part 3: Registry (identical national adoption and revision of INCITS/ISO/IEC 11179-3-1994)

The primary purpose of ISO/IEC 11179-3 is to specify the structure of a Metadata Registry.

Single copy price: \$121.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

### **Reaffirmations**

BSR INCITS 30-1997 (R200x), Representation of Calendar Date and Ordinal Date for Information Interchange (reaffirmation of ANSI INCITS 30-1997)

The scope is limited to the representation of calendar date for interchange among data systems; it does not describe how the date is determined.

Single copy price: \$18.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

BSR INCITS 310-1998 (R200x), Representation of Time for Information Interchange (reaffirmation of ANSI INCITS 310-1998)

Presents representation of time for interchange among data systems; it does not describe how time is determined.

Single copy price: \$18.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS);  
bbennett@itic.org

### **Withdrawals**

ANSI INCITS 285-1998, Information Technology - Metamodel for the Management of Shareable Data (withdrawal of ANSI INCITS 285-1998)

Specifies the structure of a data registry. The structure is stated in the form of a conceptual data model. The goal of data registration is the maintenance of the meaning, representation, and identification of units of data over time and distance.

Single copy price: \$18.00

Order from: ANSI

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS);  
bbennett@itic.org

## **SCTE (Society of Cable Telecommunications Engineers)**

### **New Standards**

BSR/SCTE 88-200x, Test Method for Polyethylene Jacket Longitudal Shrinkage (new standard)

The purpose of this procedure is to determine the amount of shrinkage of the jacketing material used on coaxial drop and distribution cables. This test procedure is applicable for use on either drop or distribution coaxial cables employing polyethylene (PE) jacketing material.

Single copy price: Free from Website

Order from: Stephen Oksala, SCTE; soksala@scte.org

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

### **Revisions**

BSR/SCTE 43-200x, Digital Video Systems Characteristics Standard for Cable Television (revision of ANSI/SCTE 43-2002)

DVS 258 describes the characteristics and normative specifications for the Video Subsystem Standard for Cable Television.

Single copy price: Free from Website

Order from: Stephen Oksala, SCTE; soksala@scte.org

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

BSR/SCTE 54-200x, Digital Video Service Multiplex and Transport System Standard for Cable Television (revision of ANSI/SCTE 54-2002)

DVS 241 describes the transport layer characteristics and normative specifications of the in-band Service Multiplex and Transport System Standards for Cable Television. The transport format and protocol for the subject is a compatible subset of the Moving Picture Experts Group 2 (MPEG-2) Systems specification defined in ISO/IEC 13818-1, based on a fixed length packet Transport Stream approach.

Single copy price: Free from Website

Order from: Stephen Oksala, SCTE; soksala@scte.org

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

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

### **Revisions**

BSR/UL 444-200x, Standard for Safety for Communications Cables (Bulletin dated April 8, 2003) (revision of ANSI/UL 444-2002)

UL proposes to remove multipurpose cable Types MP, MPR, MPG, and MPP from UL 444. This is in agreement with a change in the National Electrical Code.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Laura Schroepfel, UL-NY;  
Laura.C.Schroepfel@us.ul.com

BSR/UL 618-200x, Standard for Safety for Concrete Masonry Units (revision of ANSI/UL 618-199x)

Covers concrete masonry units classified for use in fire resistive walls in accordance with the conditions of acceptance of the Standard for Fire Tests of Building Construction and Materials, UL 263.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Heather Sakellariou, UL-IL;  
Heather.Sakellariou@us.ul.com

BSR/UL 1072-200x, Standard for Safety for Medium-Voltage Power Cables (Bulletin dated April 17, 2003) (revision of ANSI/UL 1072-2003)

These revisions are being issued to add the option of using nonmagnetic metal coverings on nonshielded single-conductor cables.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Helen Ketcham, UL-NY;  
Helen.W.Ketcham@us.ul.com

## **Comment Deadline: June 17, 2003**

**Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)**

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

### **Revisions**

BSR/ASME A18.1-200x, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1-1999)

Covers the design, construction, installation, operation, inspection, testing, maintenance, and repair of inclined stairway chairlifts and vertical and inclined platform lifts intended for transportation of a mobility impaired person only.

Single copy price: \$30.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org

Send comments (with copy to BSR) to: Eun Sil Yoo, ASME; M/S 20S2

## **ISEA (International Safety Equipment Association)**

### **New Standards**

- ★ BSR/ISEA 110-200x, Air-Purifying Respiratory Protective Escape Devices (new standard)

Specifies the minimum requirements for the design, performance, testing and certification of air-purifying respiratory smoke escape devices (RPED) for the evacuation of civilians from fire to a place of safe refuge. The standard applies to RPED with a 15-minute service life based on the maximum anticipated insults that the human body can endure without hindrance to escape. This standard does not address the requirements for the provision, installation or use of RPED.

Single copy price: \$10.00

Order from: Cristine Fargo, ISEA; cfargo@safetysafetyequipment.org

Send comments (with copy to BSR) to: Same



## Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

**Trial use period: December 1, 2002 through June 30, 2004**

### IEEE (Institute of Electrical and Electronics Engineers)

BSR/IEEE 1541-200x, Trial-Use Standard for Prefixes for Binary Multiples (trial use standard)

Defines name and letter symbols for prefixes that denote multiplication of a unit by the binary multiplier  $2^{10n}$ , where  $n=1, 2, 3, 4, 5,$  or  $6$ . Although the prefixes may be used with all units, in all fields where multiplication by a binary multiplier is found to be appropriate, their primary use is in the field of information technology.

Single copy price: N/A

Order from: David Ringle, IEEE; d.ringle@ieee.org  
Send comments (with copy to BSR) to: Same

BSR/IEEE 1553-200x, Trial-Use Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators (trial use standard)

Applies to voltage endurance testing of form-wound stator winding bars and coils having a mica-based insulation system with thermo-setting polyester and/or epoxy resins used in hydrogenerators and pumped storage generators operating in air with a rated line-to-line voltage between approximately 4,000 to 22,000 V, and a frequency of 50 Hz or 60 Hz.

Single copy price: N/A

Order from: David Ringle, IEEE; d.ringle@ieee.org  
Send comments (with copy to BSR) to: Same

**Trial use period: June 1, 2003 through December 31, 2004**

### IEEE (Institute of Electrical and Electronics Engineers)

BSR C57.13.5-200x, Trial-Use Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above (trial use standard)

Applies to new single-phase instrument transformers of a nominal system voltage of 115 kV and above with capacitive insulation system for line-to-ground connection and for both indoor and outdoor application.

Single copy price: N/A

Order from: David Ringle, IEEE; d.ringle@ieee.org  
Send comments (with copy to BSR) to: Same

**Trial use period: March 26, 2003 through March 26, 2004**

### ASC X9 (Accredited Standards Committee X9, Incorporated)

BSR DSTU X9.37-200x, Specifications for an Electronic Exchange of Check & Image Data (trial use standard)

This standard, including the normative annexes, establishes the file sequences, record types, and field formats to be used for the electronic exchange of check MICR line, associated check processing data and check images in the form of cash letters.

Single copy price: \$25.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org  
Send comments (with copy to BSR) to: Same

BSR DSTU X9.90-200x, Specifications for an Image Replacement Document - IRD (trial use standard)

This standard establishes the construction, layout, data elements, data content, and printing specifications for Image Replacement Documents (IRD). An IRD is a substitute image copy of a check or a replacement for another IRD that includes a machine-readable MICR line, that may under certain legal arrangements be the practical and legal equivalent of the original paper check or an IRD.

Single copy price: \$25.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org  
Send comments (with copy to BSR) to: Same

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

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

ANSI/ASTM D2579-1997, Test Method for Total Organic Carbon in Water

ANSI/ASTM D2773-1994, Test Method for Loss on Ignition of Electrical Grade Magnesium Oxide (10.01)

ANSI/ASTM D3026-1994, Test Method for Sinter Index of Electrical Grade Magnesium Oxide for Use in Sheathed-Type Electrical Heating Elements (10.02)

ANSI/ASTM D3347-1994, Test Method for Flow Rate and Tap Density of Electrical Grade Magnesium Oxide for Use in Sheathed-Type Electric Heating Elements (10.02)

ANSI/ASTM D4779-2001, Test Method for Total, Organic, and Inorganic Carbon in High Purity Water by Ultraviolet (UV) or Persulfate Oxidation, or Both, and Infrared Detection

ANSI/ASTM D5569-1994, Test Method for the Determination of Static Flow of Electrical Grade Magnesium Oxide for Use in Sheathed Heating Elements (10.02)

ANSI/ASTM E548-1996, Guide for General Criteria Used for Evaluating Laboratory Competence

ANSI/ASTM F1053-1997, Guide for Steel Hull Construction Tolerances

ANSI/IEEE 1377-1997, Utility Industry End Device Tables

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

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

ANSI/ASTM D4805-1988, Terminology of Plastics Standards (08.03)

# Call for Comment Contact Information

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

## Order from:

### ASC X9

American Bankers Association  
P.O. Box 4035  
Annapolis, MD 21403  
Phone: (410) 267-7707

Fax: (410) 663-7554  
Web: [www.9.org](http://www.9.org)

### ASHRAE

American Society of Heating,  
Refrigerating and  
Air-Conditioning Engineers, Inc.  
1791 Tullie Circle, N.E.  
Atlanta, GA 30329  
Phone: (404) 636-8400  
Fax: (404) 321-5478  
Web: [www.ashrae.org](http://www.ashrae.org)

### ASME

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor  
New York, NY 10016  
Phone: (212) 591-8460  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515  
Web: [www.comm-2000.com](http://www.comm-2000.com)

### FMRC

Factory Mutual Research  
Corporation  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
Phone: (781) 255-4882  
Fax: (781) 762-9375

### Global Engineering Documents

15 Inverness Way East  
Englewood, CO 80112-5704  
Phone: (800) 854-7179  
Fax: (303) 379-2740  
Web: [www.global.ihs.com](http://www.global.ihs.com)

### IEEE

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, P.O.Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 562-3806  
Fax: (732) 562-1571  
Web: [www.ieee.org](http://www.ieee.org)

### ISEA

International Safety Equipment  
Association  
1901 North Moore Street, Suite  
808  
Arlington, VA 22209  
Phone: (703) 525-1695  
Fax: (703) 525-2148  
Web: [www.safetycentral.org/isea/](http://www.safetycentral.org/isea/)

### ITI (INCITS)

INCITS Secretariat/ITI  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### SCTE

Society of Cable  
Telecommunications Engineers  
140 Phillips Road  
Exton, PA 19341  
Phone: (610) 524-1725 x204  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

### Techstreet

Historic Northern Brewery Building  
327 Jones Drive  
Ann Arbor, MI 48105  
Phone: (734) 800-6999 x277  
Fax: (734) 302-7811

### UL-CA

Underwriters Laboratories, Inc.  
1655 Scott Boulevard  
Santa Clara, CA 95050  
Phone: (408) 985-2400  
Fax: (408) 556-6153

## Send comments to:

### **ASC X9**

American Bankers Association  
P.O. Box 4035  
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Fax: (410) 663-7554  
Web: [www.9.org](http://www.9.org)

### **ASHRAE**

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Air-Conditioning Engineers, Inc.  
1791 Tullie Circle, N.E.  
Atlanta, GA 30329  
Phone: (404) 636-8400  
Fax: (404) 321-5478  
Web: [www.ashrae.org](http://www.ashrae.org)

### **ASME**

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor  
New York, NY 10016  
Phone: (212) 591-8460  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### **FMRC**

Factory Mutual Research  
Corporation  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
Phone: (781) 255-4882  
Fax: (781) 762-9375

### **IEEE**

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, P.O.Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 562-3806  
Fax: (732) 562-1571  
Web: [www.ieee.org](http://www.ieee.org)

### **ISEA**

International Safety Equipment  
Association  
1901 North Moore Street, Suite  
808  
Arlington, VA 22209  
Phone: (703) 525-1695  
Fax: (703) 525-2148  
Web: [www.safetycentral.org/isea/](http://www.safetycentral.org/isea/)

### **ITI (INCITS)**

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1250 Eye Street, NW  
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### **SCTE**

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140 Phillips Road  
Exton, PA 19341  
Phone: (610) 524-1725 x204  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

### **UL-CA**

Underwriters Laboratories, Inc.  
1655 Scott Boulevard  
Santa Clara, CA 95050  
Phone: (408) 985-2400  
Fax: (408) 556-6153

### **UL-IL**

Underwriters Laboratories, Inc.  
333 Pflingsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-2346  
Fax: (847) 313-2346

### **UL-NY**

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747-3081  
Phone: (631) 271-6200, Ext. 22993  
Fax: (631) 439-6021

# Final actions on American National Standards

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

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

### Supplements

ANSI/ASHRAE 90.2f-2003, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993): 4/10/2003

## ASME (American Society of Mechanical Engineers)

### Reaffirmations

ANSI/ASME Y14.2M-1992 (R2003), Line Conventions and Lettering (reaffirmation of ANSI/ASME Y14.2M-1992 (R1998)): 4/10/2003

ANSI/ASME Y14.7.1-1971 (R2003), Gear Drawing Standards - Part 1, for Spur, Helical, Double Helical, and Rack (reaffirmation of ANSI/ASME Y14.7.1-1971 (R1998)): 4/10/2003

ANSI/ASME Y14.13M-1981 (R2003), Engineering Drawing and Related Documentation Practices - Mechanical Spring Representation (reaffirmation of ANSI/ASME Y14.13M-1981 (R1998)): 4/10/2003

ANSI/ASME Y14.18M-1986 (R2003), Engineering Drawings and Related Documentation Practices - Optical Parts (reaffirmation of ANSI/ASME Y14.18M-1986 (R1998)): 4/10/2003

ANSI/ASME Y14.35M-1997 (R2003), Engineering Drawings and Associated Documents (reaffirmation of ANSI/ASME Y14.35M-1997): 4/10/2003

### Revisions

ANSI/ASME AG-1-2003, Nuclear Air and Gas Treatment, Code on (revision of ANSI/ASME AG-1-1994): 4/10/2003

### Supplements

ANSI/ASME A17.1b-2003, Safety Code for Elevators and Escalators (supplement to ANSI/ASME A17.1-2000): 4/10/2003

## ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

### Withdrawals

ANSI T1.617-1991, Telecommunications - Integrated Services Digital Network (ISDN) - Signaling Specification for Frame Relay Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (withdrawal of ANSI T1.617-1991 (R1997)): 4/10/2003

ANSI T1.617a-1994, Integrated Services Digital Network (ISDN) - Signaling Specification for Frame Relay Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (Protocol Encapsulation and PICS) (withdrawal of ANSI T1.617a-1994 (R1999)): 4/10/2003

## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

ANSI/IEEE C62.41.1-2002, Guide on the Surge Environment in Low-Voltage (1000 V and Less) AC Power Circuits (new standard): 4/10/2003

## TIA (Telecommunications Industry Association)

### Reaffirmations

ANSI/TIA 688-1997 (R2003), DTE/DCE Interface for Digital Cellular Equipment (reaffirmation and redesignation of ANSI/TIA/EIA 688-1997): 4/10/2003

## UL (Underwriters Laboratories, Inc.)

### Revisions

ANSI/UL 773A-2003, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-1998): 4/7/2003

# Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards (January 2003 edition).

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from ANSI-accredited standards developers that utilize the periodic maintenance option in connection with their standards. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for comparable information with regard to standards maintained under the continuous maintenance option. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

## ASA (ASC S12) (Acoustical Society of America)

**Office:** 35 Pinelawn Road Suite 114E  
Melville, NY 11747

**Contact:** Susan Blaeser

**Fax:** (631) 390-0217

**E-mail:** sblaeser@aip.org

BSR S12.11/2-200x, Acoustics - Measurement of Noise and Vibration of Small Air-moving Devices, Part II - Structure-borne Vibration (new standard)

This Standard contains the recommended methods for testing, determining, and reporting the vibration levels induced by small air moving devices (AMDs) that are found in cooling equipment used for information technology and telecommunications. This ECMA Standard, with the permission of ECMA, will be adopted as ANSI S12.11/2-200X "Acoustics - Measurement of Noise and Vibration of small air-moving devices, Part II - Structure-borne vibration".

## ASA (ASC S3) (Acoustical Society of America)

**Office:** 35 Pinelawn Road Suite 114E  
Melville, NY 11747

**Contact:** Susan Blaeser

**Fax:** (631) 390-0217

**E-mail:** sblaeser@aip.org

BSR S3.18 Part 4-200x, ISO 2631-4-2001, Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems (identical national adoption)

Provides guidance on the application of ANSI S3.18 ISO 2631 to evaluation of the effects of mechanical vibration on the comfort of passengers and crew in fixed-guideway systems. Establishes methods for the evaluation of relative comfort between systems, as opposed to absolute levels of comfort. This part of ANSI S3.18 is applicable to people in normal health exposed to rectilinear vibration along their x-, y- and z-axes, as well as rotational vibration about these (body-centered) axes.

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

**Office:** 1791 Tullie Circle, N.E.  
Atlanta, GA 30329

**Contact:** Claire Ramspeck

**Fax:** (404) 321-5478

**E-mail:** cramspeck@ashrae.org

BSR/ASHRAE 16-200x, Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners (revision of ANSI/ASHRAE 16-1983 (R1999))

This standard prescribes a method of testing for obtaining cooling capacity and airflow quantity for rating room air conditioners and packaged terminal air conditioners.

BSR/ASHRAE 58-200x, Method of Testing for Rating Room Air Conditioner and Packaged Terminal Air Conditioner Heating Capacity (revision of ANSI/ASHRAE 58-1986 (R1999))

To prescribe test methods for determining the heating capacities and airflow quantities for room air conditioners and packaged terminal air conditioners equipped with means for room heating.

BSR/ASHRAE 68-200x, BSR/AMCA 330-200x, Laboratory Method of Testing to Determine the Sound Power in a Duct (revision of ANSI/ASHRAE 68-1997, ANSI/AMCA 330-1997)

The purpose of this standard is to determine, by test, the sound power radiated into an anechoically terminated duct on the supply and/or return side of air-handling equipment.

## ASME (American Society of Mechanical Engineers)

**Office:** 3 Park Avenue, 20th Floor  
New York, NY 10016

**Contact:** Silvana Rodriguez-Bhatti

**Fax:** (212) 591-8501

**E-mail:** rodriguez@asme.org

BSR/ASME PTC 19.2-200x, Instruments and Apparatus: Part 2 - Pressure Measurement (revision of ANSI/ASME PTC 19.2-1987 (R1998))

This Standard covers the definition of pressure, fundamental thermodynamic and fluid-mechanic concepts of pressure, pressure units and conversion among different units, pressure considerations in and pressure relations for flowing fluids, and the use of existing installed instrumentation in equipment tests. It also covers a brief description of

the operating principles of devices, which serve as inter-laboratory and transfer standards.

BSR/ASME PTC 19.3-200x, Instruments and Apparatus: Part 3 - Temperature Measurement (revision of ANSI/ASME PTC 19.3-1974 (R1998))

The purpose of this chapter is to present a summary discussion of temperature measurement as related to Performance Test Code work with particular emphasis on basic sources of error and means for coping with them.

## ASTM (ASTM International)

**Office:** 100 Barr Harbor Drive  
West Conshohocken, PA 19428

**Contact:** Stephen Mawn

**Fax:** (610) 832-9666

**E-mail:** smawn@astm.org

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

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

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

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

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)

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)

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)

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)

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

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

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)

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

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

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)

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)

#### **OLA (ASC Z80) (Optical Laboratories Association)**

**Office:** 11096-B Lee Hwy., Suite 102  
Fairfax, VA 22030

**Contact:** *Kris Dinkle*

**Fax:** (703) 359-2834

**E-mail:** kdinkle@qwest.net

BSR Z80.21-1992 (R200x), Ophthalmics - Instruments - General-Purpose Clinical Visual Acuity Charts (reaffirmation of ANSI Z80.21-1992 (R1998))

This standard applies to all clinical visual acuity measurement systems using recognition of high contrast optotypes and which are designed for general use. It does not apply to special testing of visual acuity.

## 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.

- AAMVA
- AGRSS
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NBBPVI
- NSF International
- TIA
- 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 <http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/>.

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.



# IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to 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 IEC documents should be sent to Charles T. Zegers, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

**Global Engineering Documents**  
**15 Inverness Way East**  
**Englewood, CO 80112-5704**  
**phone: (800) 854-7179**  
**fax: (303) 379-7956**  
**e-mail: [global@ihs.com](mailto:global@ihs.com)**  
**web: <http://global.ihs.com>**

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9/752/FDIS, Railway applications - Electric equipment for rolling stock - Part 5: Electrotechnical components - Rules for HV fuses, 06/13/2003

10/559/FDIS, IEC 62021-1, Ed. 1: Insulating liquids - Determination of acidity - Part 1: Automatic potentiometric titration, 06/06/2003

18/937/FDIS, IEC 60092-506 Ed. 2.0: Electrical installations in ships - Part 506: Special features - Ships carrying specific dangerous goods and materials hazardous only in bulk, 06/13/2003

25/261/FDIS, IEC 60375: Conventions concerning electric and magnetic circuits, 06/06/2003

26/257/FDIS, 60974-3 Ed. 1: Arc welding equipment - Part 3: Arc striking and stabilizing devices, 06/06/2003

39/264/FDIS, IEC 61965, Ed.2: Mechanical safety of cathode ray tubes, 06/13/2003

47/1696/FDIS, IEC 60749-25, Ed.1: Semiconductor devices - Mechanical and climatic test methods -Part 25: Temperature cycling, 06/13/2003

56/859/FDIS, IEC 61014, Ed.2: Programmes for reliability growth, 06/13/2003

65A/387A/FDIS, IEC 61511-2: Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1, 06/13/2003

86A/855A/FDIS, IEC 60794-2-40 Ed 1.0: Optical Fibre Cables - Part 2-40: Indoor cables - Family specification for simplex and duplex cables with buffered A4 fibres, 06/13/2003

86A/855/FDIS, IEC 60794-2-40 Ed 1.0: Optical Fibre Cables - Part 2-40: Indoor cables - Family specification for simplex and duplex cables with buffered A4 fibres, 06/06/2003



# 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) 642-4975.

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

### Sonus Networks

Organization: Sonus Networks, Inc.  
5 Carlisle Road  
Westford, MA 01886  
Contact: Mike Mosca  
PHONE: 978-589-8539; FAX: 978-392-9118  
E-mail: [Mmosca@sonusnet.com](mailto:Mmosca@sonusnet.com)

Public review: January 27, 2003 to April 27, 2003

### Thomson Financial

Organization: Thomson Financial  
22 Thomson Place, M/S 41F3  
Boston, MA 02210  
Contact: Bob Lamoureux  
PHONE: 617-856-1436; FAX: 617-261-5499  
E-mail: [Robert.lamoureux@tfn.com](mailto:Robert.lamoureux@tfn.com)

Public review: March 31, 2003 to June 29, 2003

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 members 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, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information

(NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to <http://ts.nist.gov/ncsci> and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - [ncsci@nist.gov](mailto:ncsci@nist.gov).

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

# Information Concerning

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## Accredited Standards Committees

### Reaccreditation

#### ASC Z136 - Safe Use of Lasers

#### Comment Deadline: May 19, 2003

Accredited Standards Committee Z136, Safe Use of Lasers, has submitted revisions to the operating procedures for documenting consensus on proposed American National Standards under which it was originally accredited. As these 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: Ms. Barbara Sams, Standards Administrator, Laser Institute of America, 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826; PHONE: (407) 380-1553 ext. 28; FAX: (407) 380-5588; E-mail: bsams@laserinstitute.org. Please submit your comments to LIA by May 19, 2003, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the revisions are available electronically, the public review period is 30 days. You may view or download a copy of the revised ASC Z136 operating procedures from ANSI Online during the public review period at the following URL: <http://public.ansi.org/ansionline/Documents/Standards%20Activities/Public%20Review%20and%20Comment/Accreditation%20Actions/>.

## Accredited Organizations

### Application for Accreditation

#### Central Station Alarm Association (CSAA)

#### Comment Deadline: May 19, 2003

The Central Station Alarm Association (CSAA) has submitted an Application for Accreditation as a Developer of American National Standards using its own organizational operating procedures. CSAA is currently accredited to use the model Procedures for canvass by an accredited sponsor, as contained in the 2002 version of the ANSI Procedures for the Development and Coordination of American National Standards (superceded in 2003 by the ANSI Essential Requirements). CSAA's proposed scope of accreditation is as follows:

To produce standards for the manufacturers, distributors, and system integrators/service providers of electronic and physical security equipment. Standards activities shall relate to the design, production, installation, monitoring, maintenance, and other treatments or aspects of electronic and physical security equipment, including alarm and non-alarm equipment, such as law enforcement response and telecommunications signaling utilizing the public switched network.

To obtain a copy of CSAA's proposed operating procedures, or to offer comments, please contact: Mr. Louis T. Fiore, Chairman, Standards Committee, Central Station Alarm Association, 440 Maple Avenue, Vienna, VA 22180; PHONE: (703)242-4670; FAX: (703) 242-4675; E-mail: ltfiore@aol.com. Please submit your comments to CSAA by May 19, 2003, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the revisions are available electronically, the public review period is 30 days. You may view or download a copy of CSAA's proposed operating procedures from ANSI Online during the public review period at the following URL: <http://public.ansi.org/ansionline/Documents/Standards%20Activities/Public%20Review%20and%20Comment/Accreditation%20Actions/>.

### Change in Scope of Accreditation

#### International Cast Polymer Association (ICPA)

The International Cast Polymer Association (ICPA) has submitted the following change of scope for its ANSI standards activities:

The ICPA currently is accredited to develop standards for the performance requirements and test methods pertaining to solid surface materials. Solid surface materials are a subset cast polymers.

ICPA is expanding the scope of its current accreditation to include the development of standards for estimating emissions from cast polymer and other similar reinforced plastics and composites materials and manufacturing processes so that manufacturers can comply with environmental regulations.

Standards in this new area will benefit manufacturers, suppliers and regulators by establishing agreed upon, standardized procedures for setting and demonstrating compliance with regulatory requirements. Canvass participants will be sought from industry, government and environmental professionals.

ICPA's current scope reads:

The ICPA is seeking to develop standards to cover the requirements and test methods pertaining to the structure, water resistance, colorfastness, stain resistance, cleanability, and other significant properties, in addition to general requirements of materials and workmanship and finish of solid surface countertop materials. Solid surface materials are manufactured sheet goods which are used as a countertops, wall panels, window sills, and other architectural applications.

Comments or inquiries should be emailed to [hpattoner@aol.com](mailto:hpattoner@aol.com) or by mail to Hugh Patrick Toner, Director, Government Affairs, ICPA, 1010 North Glebe Road, Suite 450, Arlington, VA 22201; PHONE: (703) 610-0220.

# International Organization for Standardization (ISO)

**Request for new ISO Secretariat**

**ISO/TC 106 - Dentistry**

**Comment Deadline: June 17, 2003**

ANSI has been advised by ISO that the United Kingdom (BSI) wishes to relinquish the Secretariat of ISO/TC 106.

The scope of this Technical Committee is as follows:

Standardization of terminology, methods of test and specifications applicable to materials, instruments, appliances and equipment used in all branches of dentistry.

Any organization wishing the United States to undertake this ISO Secretariat, please contact Henrietta Scully via email: [hscully@ansi.org](mailto:hscully@ansi.org); mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346, before June 17, 2003.

**BSR/ASHRAE/IESNA Addendum s to  
ANSI/ASHRAE/IESNA Standard 90.1-2001**

This supplement will be submitted to the American National Standards Institute Board of Standards Review (BSR) for approval.



# ASHRAE<sup>®</sup> STANDARD

## Energy Standard for Buildings Except Low-Rise Residential Buildings

### FIRST PUBLIC REVIEW

April 2003

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This draft has been recommended for public review by the responsible project committee. Public review of this proposed addendum has been authorized by a subcommittee of the Standards Committee. Until final approval by the ASHRAE Board of Directors, this draft addendum is subject to modification and Standard 90.1-2001 remains in effect. Instructions and a form for commenting are provided with this draft. Although reproduction of drafts during the public review period is encouraged to promote additional comment, permission must be obtained to reproduce all or any part of this document from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Phone: 404-636-8400, Ext. 502. Fax: 404-321-5478. E-mail: [cramspeck@ashrae.org](mailto:cramspeck@ashrae.org)

The parent standard, not including this proposed change, is under continuous maintenance. The change submittal form, instructions and deadlines may be obtained in electronic form from ASHRAE's Internet Home Page, <http://www.ashrae.org>, or in paper form from the Manager of Standards. The latest edition of an ASHRAE Standard and printed copies of a public review draft may be purchased from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. E-mail: [orders@ashrae.org](mailto:orders@ashrae.org). Fax: 404-321-5478. Telephone: 404-636-8400 (worldwide), or toll free 1-800-527-4723 (for orders in U.S. and Canada).

AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND AIR-CONDITIONING  
ENGINEERS, INC.  
1791 Tullie Circle, NE · Atlanta GA 30329-2305

BSR/ASHRAE/IESNA Addendum s to ANSI/ASHRAE/IESNA Standard 90.1-2001, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review Draft

**[The information contained in this foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.]**

## **Foreword**

*The change in exception (g) to Section 6.3.6.1 is an acknowledged typo in Standard 90.1-2001, noted in the 2001 User's Manual, but not corrected to date as errata. As written, exception (i) to Section 6.3.6.1 exempts only systems that require dehumidification and that use series-style energy recovery coils wrapped around the cooling coil. Since series energy recovery is accomplished by a number of technologies including, but not limited to, heat recovery coils, run around loops, plates, heat pipes and wheels, the exception is being revised to apply to systems requiring dehumidification that employ any series energy recovery technology.*

## **Addendum s to 90.1-2001 (I-P and SI editions)**

### **Exceptions to 6.3.6.1:**

*Change exception (g) in the I-P edition as follows (substituting the value in parentheses in the SI version):*

(g) Cooling systems in climates with a ~~2.5%~~ 1% cooling design wet-bulb temperature less than 65 °F (18 °C).

*Change exception (i) as follows:*

(i) Systems requiring dehumidification that employ ~~series-style energy recovery coils wrapped around~~ in series with the cooling coil.

**BSR/ASHRAE/IESNA Addendum o to  
ANSI/ASHRAE/IESNA Standard 90.1-2001**

This supplement will be submitted to the American National Standards Institute Board of Standards Review (BSR) for approval.



# **ASHRAE<sup>®</sup> STANDARD**

## **Energy Standard for Buildings Except Low-Rise Residential Buildings**

### **FIRST PUBLIC REVIEW**

**April 2003**

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This draft has been recommended for public review by the responsible project committee. Public review of this proposed addendum has been authorized by a subcommittee of the Standards Committee. Until final approval by the ASHRAE Board of Directors, this draft addendum is subject to modification and Standard 90.1-2001 remains in effect. Instructions and a form for commenting are provided with this draft. Although reproduction of drafts during the public review period is encouraged to promote additional comment, permission must be obtained to reproduce all or any part of this document from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Phone: 404-636-8400, Ext. 502. Fax: 404-321-5478. E-mail: [cramspeck@ashrae.org](mailto:cramspeck@ashrae.org)

The parent standard, not including this proposed change, is under continuous maintenance. The change submittal form, instructions and deadlines may be obtained in electronic form from ASHRAE's Internet Home Page, <http://www.ashrae.org>, or in paper form from the Manager of Standards. The latest edition of an ASHRAE Standard and printed copies of a public review draft may be purchased from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. E-mail: [orders@ashrae.org](mailto:orders@ashrae.org). Fax: 404-321-5478. Telephone: 404-636-8400 (worldwide), or toll free 1-800-527-4723 (for orders in U.S. and Canada).

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BSR/ASHRAE/IESNA Addendum o to ANSI/ASHRAE/IESNA Standard 90.1-2001, *Energy Standard for Buildings Except Low-Rise Residential Buildings*  
First Public Review Draft

**[The information contained in this foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.]**

## **Foreword**

*Exception d to Section 6.3.1 is being revised to clearly indicate that it applies only to heat recovery systems that are required by Section 6.3.6.2. This change is being made in response to a concern that the current wording of "d" would allow a misinterpretation that, by just having condenser heat recovery to preheat hot water without regard to how much energy was being recovered, the requirement for economizers in Section 6.3.1 could be avoided.*

## **Addendum o to 90.1-2001 (I-P and SI editions)**

*Change exception (d) in Section 6.3.1 as follows:*

**Exceptions to 6.3.1:** Economizers are not required for the systems listed below.

(d) Systems that include a condenser heat recovery system ~~complying with~~ required by 6.3.6.2.

## PROPOSED REQUIREMENTS FOR THE SEVENTH EDITION OF THE STANDARD FOR METER SOCKETS, UL 414

### Delete Paragraph 1.10:

1.10 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this Standard, and that involves a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements to determine that the level of safety as originally anticipated by the intent of this Standard is maintained. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this Standard shall not be judged to comply with this Standard. Where appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this Standard.

**Withdraw the proposal to revise Table 8.1 described in the Subject 414 Bulletin dated December 11, 2002. As a result, Table 8.1 will not be revised as previously proposed to relocate Note "a" from its current location to the heading of the third column titled "Through air." With the withdrawal of this proposal, Table 8.1 will retain its current state as shown below:**

**Table 8.1  
Minimum spacings**

Voltage between parts involved	Minimum spacings from live parts to:			
	Parts of opposite polarity <sup>a</sup>		Grounded metal <sup>b</sup>	
	Over surface, <sup>c</sup> Inches (mm)	Through air, Inch (mm)	Over surface, <sup>c</sup> Inch (mm)	Through air, Inch (mm)
0 – 300 <sup>d</sup>	3/4 (19.1)	3/8 (9.5)	1/2 (12.7)	3/8 (9.5)
301 – 600	1-1/4 (31.8)	3/4 (19.1)	1 (25.4)	1/2 (12.7)

<sup>a</sup>A through air or over surface spacing of 3/8 inch (9.5 mm) may be provided between parts of opposite polarity at other than wiring terminals if the construction complies with 18.1.2.

<sup>b</sup>A through air or over surface spacing of 3/8 inch may be provided at other than wiring terminals in a cast-metal enclosure or to grounded metal where indentation or deformation of the overall enclosure will not affect the spacing if the construction complies with 18.1.2.

<sup>c</sup>In measuring an over surface spacing, any slot, groove, or the like 0.013 inch (0.33 mm) wide or less in the contour of insulating material is to be disregarded.

<sup>d</sup>If a meter socket base is intended for use as a component in equipment having a maximum voltage rating of 300 volts, 300-volt spacings may be applied between the neutral and:

- 1) Phase potential parts and
- 2) Grounded dead-metal parts.