

# **ANSI** STANDARDS ACTION

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[http://www.ansi.org/rooms/room\\_14/](http://www.ansi.org/rooms/room_14/)

## 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: January 6, 2003

## ANS (American Nuclear Society)

### New Standards

BSR/ANS 2.10-200x, Criteria for the Handling and Initial Evaluation of Records from Nuclear Power Plant Seismic Instrumentation (new standard)

This standard provides criteria for the timely retrieval and the subsequent processing, handling and storage of data obtained from seismic instrumentation specified in ANS-2.2. Also included are initial evaluation criteria to determine whether earthquake motion at the site has exceeded the plant's operating basis earthquake ground motion (OBE).

Single copy price: \$10.00 electronic, \$20.00 paper

Obtain an electronic copy from: sahmad@ans.org  
Order from: Suriya Ahmad, ANS; sahmad@ans.org  
Send comments (with copy to BSR) to: Same

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

### New Standards

BSR X9.73-200x, Cryptographic Message Syntax (new standard)

The Standard specifies a cryptographic message syntax that can be used to protect financial transactions and other documents from unauthorized disclosure and modification.

Single copy price: \$40.00

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

## ASME (American Society of Mechanical Engineers)

### Revisions

BSR/ASME MFC-11M-200x, Measurement of Fluid Flow by Means of Coriolis Flowmeters (revision of ANSI/ASME MFC-11M-1989 (R1994))

Gives guidelines for the selection, installation, calibration, and operation of Coriolis meters for the determination of mass flow, density, volume flow and other related parameters of flowing fluids. It also gives appropriate considerations regarding the fluids to be measured. The content of this Standard is primarily applied to the metering of liquids.

Single copy price: \$10.00

Obtain an electronic copy from: rodriguez@asme.org  
Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org  
Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME STS-1-200x, Steel Stacks (revision of ANSI/ASME STS-1-2000)

Mechanical design includes sizing of the gas passage, both in diameter and height; and the drop in gas temperature as heat is transferred through the stack wall. Methods for calculating draft, draft losses, and heat losses are given. Differential expansion of stack components is discussed. Design considerations for stack appurtenances are established.

Single copy price: \$10.00

Obtain an electronic copy from: rodriguez@asme.org  
Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org  
Send comments (with copy to BSR) to: Edgar Maradiaga, ASME; maradiaga@asme.org

## ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

<http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI

For new standards and revisions, order from: Faith Lanzetta, ASTM

For all ASTM standards, send comments (with copy to BSR) to:

Faith Lanzetta, ASTM

### New Standards

BSR/ASTM F316-200x, Test Method for Pore Size Characteristics of Membrane Filters for Use with Aerospace Fluids (new standard)

Single copy price: \$25.00

BSR/ASTM Z7503Z-200x, Test Method for Available Cyanide with Ligand Displacement and Flow Injection Analysis (FIA) Utilizing Gas Diffusion Separation and Amperometric Detection (new standard)

Single copy price: \$35.00

BSR/ASTM Z8418Z-200x, Guide for QC of Screening Methods in Water (new standard)

Single copy price: \$25.00

BSR/ASTM Z8422Z-200x, Test Method for Determination of Turbidity Below 5 NTU in Static Mode (new standard)

Single copy price: \$40.00

BSR/ASTM Z8998Z-200x, Room Fire Test of Wall and Ceiling Materials and Assemblies (new standard)

Single copy price: \$35.00

BSR/ASTM Z9129Z-200x, Practice for Screening for Volatile Organic Compounds in Water Using Solid Phase Microextraction (SPME) (new standard)

Single copy price: \$30.00

BSR/ASTM Z9160Z-200x, Practice for Integrity Testing of Water Filtration Membrane Systems (new standard)

Single copy price: \$30.00

### Revisions

BSR/ASTM D888-200x, Test Methods for Dissolved Oxygen in Water (revision of ANSI/ASTM D888-1996)

Single copy price: \$30.00

BSR/ASTM D1068-200x, Test Methods for Iron in Water (revision of ANSI/ASTM D1068-1996)

Single copy price: \$30.00

BSR/ASTM D1129-200x, Terminology Relating to Water (revision of ANSI/ASTM D1129-2002a)

Single copy price: \$25.00

BSR/ASTM D1253-200x, Test Methods for Residual Chlorine in Water (revision of ANSI/ASTM D1253-1996)

Single copy price: \$25.00

BSR/ASTM D2972-200x, Test Methods for Arsenic in Water (revision of ANSI/ASTM D2972-1997)

Single copy price: \$30.00

BSR/ASTM D3082-200x, Test Method for Boron in Water (revision of ANSI/ASTM D3082-1996)

Single copy price: \$25.00

BSR/ASTM D3559-200x, Test Method for Lead in Water (revision of ANSI/ASTM D3559-1996)

Single copy price: \$35.00

BSR/ASTM D3645-200x, Test Methods for Beryllium in Water (revision of ANSI/ASTM D3645-2002)

Single copy price: \$30.00

BSR/ASTM D3648-200x, Practices for the Measurement of Radioactivity (revision of ANSI/ASTM D3648-1995)

Single copy price: \$40.00

BSR/ASTM D3875-200x, Test Method for Alkalinity in Brackish Water, Seawater, and Brines (revision of ANSI/ASTM D3875-1997)

Single copy price: \$25.00

BSR/ASTM D4191-200x, Test Method for Sodium in Water by Atomic Absorption Spectrophotometry (revision of ANSI/ASTM D4191-2001)

Single copy price: \$25.00

BSR/ASTM D4192-200x, Test Method for Potassium in Water by Atomic Absorption Spectrophotometry (revision of ANSI/ASTM D4192-2001)

Single copy price: \$25.00

BSR/ASTM D4327-200x, Test Method for Anions in Water by Chemically Suppressed Ion Chromatography (revision of ANSI/ASTM D4327-2001)

Single copy price: \$30.00

BSR/ASTM D4328-200x, Practice for Calculation of Supersaturation of Barium Sulfate, Strontium Sulfate, and Calcium Sulfate Dihydrate (Gypsum) in Brackish Water, Seawater, and Brines (revision of ANSI/ASTM D4328-2001)

Single copy price: \$30.00

BSR/ASTM D4658-200x, Test Method for Sulfide Ion in Water (revision of ANSI/ASTM D4658-2001)

Single copy price: \$25.00

BSR/ASTM D4839-200x, Test Method for Total Carbon and Organic Carbon in Water by Ultraviolet, or Persulfate Oxidation, or Both, and Infrared Detection (revision of ANSI/ASTM D4839-2001)

Single copy price: \$30.00

BSR/ASTM D5257-200x, Test Method for Dissolved Hexavalent Chromium in Water by Ion Chromatography (revision of ANSI/ASTM D5257-2001)

Single copy price: \$30.00

BSR/ASTM D5907-200x, Test Method for Filterable and Non-filterable Matter in Water (revision of ANSI/ASTM D5907-2001)

Single copy price: \$30.00

BSR/ASTM E84-200x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-00A (R01))

Single copy price: \$35.00

BSR/ASTM E176-200x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2001)

Single copy price: \$30.00

BSR/ASTM E648-200x, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-99)

Single copy price: \$35.00

BSR/ASTM E1623-200x, Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale Calorimeter (ICAL) (revision of ANSI/ASTM E1623-2002a)

Single copy price: \$35.00

BSR/ASTM F1679-200x, Test Method for Using a Variable Incidence Tribometer (VIT) (revision of ANSI/ASTM F1679-00)

Single copy price: \$25.00

BSR/ASTM F1977-200x, Test Method for Determining Initial, Fractional, Filtration Efficiency of a Vacuum Cleaner System (revision of ANSI/ASTM F1977-1999)

Single copy price: \$40.00

### **Reaffirmations**

BSR/ASTM D3871-1999 (R200x), Test Method for Purgeable Organic Compounds in Water Using Headspace Sampling (reaffirmation of ANSI/ASTM D3871-1999)

Single copy price: \$30.00

BSR/ASTM D3921-1996 (R200x), Test Method for Oil and Grease and Petroleum Hydrocarbons in Water (reaffirmation of ANSI/ASTM D3921-1996)

Single copy price: \$30.00

BSR/ASTM D3973-1995 (R200x), Test Method for Low-molecular Weight Halogenated Hydrocarbons in Water (reaffirmation of ANSI/ASTM D3973-1995)

Single copy price: \$30.00

BSR/ASTM D4025-2001 (R200x), Practice for Reporting Results of Examination and Analysis of Deposits Formed from Water for Subsurface Injection (reaffirmation of ANSI/ASTM D4025-2001)

Single copy price: \$25.00

BSR/ASTM D5175-2001 (R200x), Test Method for Organohalide Pesticides and Polychlorinated Biphenyls in Water by Microextraction and Gas Chromatography (reaffirmation of ANSI/ASTM D5175-2001)

Single copy price: \$35.00

BSR/ASTM D5176-2001 (R200x), Test Method for Total Chemically Bound Nitrogen in Water by Pyrolysis and Chemiluminescence Detection (reaffirmation of ANSI/ASTM D5176-2001)

Single copy price: \$25.00

BSR/ASTM F802-1997 (R200x), Guide for Selection of Certain Walkway Surfaces When Considering Footwear Traction (reaffirmation of ANSI/ASTM F802-1997)

Single copy price: \$25.00

### **Withdrawals**

BSR/ASTM D4743-2001, Test Method for Efficacy of Solvent Systems for Dissolving Water-formed Deposits (withdrawal of ANSI/ASTM D4743-2001)

Single copy price: \$25.00

## **BHMA (Builders Hardware Manufacturers Association)**

### **Revisions**

BSR/BHMA A156.9-200x, Cabinet Hardware (revision of ANSI/BHMA A156.9-2001)

This Standard contains requirements for cabinet hardware and includes hinges, knobs, pulls, catches, shelf rests, standards and brackets, drawer slides, rotating shelves and track with guides for sliding panels. Included are performance tests covering operational, cyclical, strength, and finish criteria.

Single copy price: \$18.00

Obtain an electronic copy from: [mptierney@snet.net](mailto:mptierney@snet.net)

Order from: Michael Tierney, BHMA; [mptierney@snet.net](mailto:mptierney@snet.net).

Send comments (with copy to BSR) to: Same

**CAGI (Compressed Air and Gas Institute)****Revisions**

BSR/CAGI ADF 100-200x, Refrigerated Compressed Air Dryers - Methods for Testing and Rating Dryers (revision of ANSI/CAGI ADF 100-1998)

This standard includes:

- Testing conditions and performance measurements to enable refrigerated compressed air dryers to be rated.
- Test procedures and reference conditions for measuring performance to determine the capabilities of refrigerated compressed air dryers.
- Description of types of refrigerated compressed air dryers (see Appendix B).

Single copy price: \$10.00

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

Order from: Leslie Schraff, SSFI; [fci@fluidcontrolsintstitute.org](mailto:fci@fluidcontrolsintstitute.org)

Send comments (with copy to BSR) to: Same

**ISA (ISA-The Instrumentation, Systems, and Automation Society)****New Standards**

BSR/ISA 88.00.03-200x, Batch Control Part 3: General and Site Recipe Models and Representation (new standard)

This Part 3 ISA standard on Batch Control defines a model for general and site recipes, the activities that describe their use within a company and across companies, a representation of general and site recipes, and a data model of general and site recipes

Single copy price: N/A

Obtain an electronic copy from: <http://www.isa.org/standards/ansireview>

Order from: ISA, Member & Customer Service

Send comments (with copy to BSR) to: Charles Robinson, ISA; [crobinson@isa.org](mailto:crobinson@isa.org)

**NSF (NSF International)****Revisions**

- ★ BSR/NSF 12-200x, Automatic ice-making equipment (i1r4) (revision of ANSI/NSF 12-1992)

Complete revision of Standard. This is a rebalot of BSR sent 6/18/02.

Single copy price: \$35.00

Obtain an electronic copy from:

[www.techstreet.com/cgi-bin/browsePublisher?publisher\\_id=133&subgroup\\_id=10020](http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020)

Order from: [www.nsf.org](http://www.nsf.org)

Send comments (with copy to BSR) to: Mark Connors, 734-827-6857 or [connors@nsf.org](mailto:connors@nsf.org)

**TIA (Telecommunications Industry Association)****New Standards**

BSR/TIA J-STD-025-A-200x, Lawfully Authorized Electronic Surveillance (CALEA) (new standard)

This standard defines the interfaces between a telecommunication service provider (TSP) and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance.

Single copy price: Free

Obtain an electronic copy from: [global@ihts.com](mailto:global@ihts.com)

Order from: Global Engineering Documents; <http://global.ihts.com/>

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; [bzidekco@tia.eia.org](mailto:bzidekco@tia.eia.org)

**Supplements**

BSR/TIA 102AACA-1-200x, Project 25 - Digital Radio Over the Air Rekeying (OTAR) Protocol - Addendum 2 - Data Link Independent OTAR (supplement to ANSI/TIA/EIA 102AACA-2001)

This document specifies a method to transport Over the Air (OTAR) Key Management Messages.

Single copy price: \$64.00

Obtain an electronic copy from: [www.global.ihts.com](http://www.global.ihts.com)

Order from: Global Engineering Documents; <http://global.ihts.com/>

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; [bzidekco@tia.eia.org](mailto:bzidekco@tia.eia.org)

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

BSR/UL 197-200x, Standard for Safety for Commercial Electric Cooking Appliances (Bulletin dated November 15, 2002) (revision of ANSI/UL 197-1991)

Comment response and substantive changes to the UL 197 bulletin dated June 28, 2002.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Tim Corder, UL; [William.T.Corder@us.ul.com](mailto:William.T.Corder@us.ul.com)

BSR/UL 466-200x, Electric Scales (revision of ANSI/UL 466-1995)

The requirements cover portable counter scales, ordinarily of the computing type, that are rated 250 volts or less. These scales consist of an attachment plug, a length of flexible cord, a switch, one or more lamps, lampholders, ballasts if electric-discharge lamps are used, and associated internal wiring. They are intended to be used in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Donna Kunimoto, UL; [Donna.Kunimoto@us.ul.com](mailto:Donna.Kunimoto@us.ul.com)

BSR/UL 507-200x, Standard for Safety for Electric Fans (Bulletin dated November 25, 2002) (revision of ANSI/UL 507-2001)

1. Withdrawal of requirements for smoke rating for certain polymeric materials, as well as the associated marking from UL 507;
2. Allowing an alternative to Flame Spread Testing in UL 507.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Tim Lupo, UL-NC; [Timothy.E.Lupo@us.ul.com](mailto:Timothy.E.Lupo@us.ul.com)

BSR/UL 705-200x, Power Ventilators (Bulletin dated November 25, 2002) (revision of ANSI/UL 705-1994)

1. Withdrawal of Speed Control requirements from UL 705;
2. Withdrawal of Height Marking requirements from UL 705.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Tim Lupo, UL-NC; [Timothy.E.Lupo@us.ul.com](mailto:Timothy.E.Lupo@us.ul.com)

BSR/UL 1569-200x, Standard for Safety for Armored and Metal-Clad Cables (revision of ANSI/UL 1569-2000)

1. Addition of Corrugated Copper and Bronze Armors. Addition of Lay Length and Size Requirements for a Concentric Grounding Conductor in Single-Conductor Cable. Addition of Cross Reference to Dual Marking Prohibition. Added Source for Jacket Temperature Rating;
2. Clarification Regarding Moisture Resistance of Jacket Under Armor. Clarification Regarding Moisture Resistance of Jacket Over Armor. Correction of Reference to UL 1581 for Deformation Test Method. Corrections of Wording Regarding Thicker/Thinner Jackets;
3. More Consistent Minimum Point Thickness of Reduced Jacket. Deletion of Reference to Specific Jacket Materials.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

### Reaffirmations

BSR/UL 891-1992 (R200x), Dead-Front Switchboards (reaffirmation of ANSI/UL 891-1992)

These requirements cover dead-front switchboard sections, interiors, and enclosures, rated 600 volts maximum, and intended to be employed as dead-front switchboards in accordance with the National Electrical Code, NFPA 70. These requirements also cover switchboards intended for the control of electric light and power circuits and switchboards for use on circuits having available rms symmetrical short-circuit currents of not more than 200,000 amperes.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

## Comment Deadline: January 21, 2003

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

### AGMA (American Gear Manufacturers Association)

#### Revisions

BSR/AGMA 2005-200x, Design Manual for Bevel Gears (revision of ANSI/AGMA 2005-C96)

Provides the standards for designing straight bevel, zerol bevel, spiral bevel and hypoid gears with information on fabrication, inspection and mounting. Covers preliminary gear design parameters, blank design including standard taper, uniform depth, duplex taper and tilted root. Also includes drawing format, inspection, materials, lubrication, mountings and assembly.

Single copy price: \$30.00

Order from: William Bradley, AGMA; [tech@agma.org](mailto:tech@agma.org)

Send comments (with copy to BSR) to: Same

BSR/AGMA 9001-200x, Flexible Couplings - Lubrication (revision of ANSI/AGMA 9001-B97)

This standard provides information on lubrication of gear couplings, chain couplings and metallic grid couplings. Types of lubricants and lubrication methods and practices are included. In addition, selection guides for grease and oil lubrication are provided.

Single copy price: \$30.00

Order from: William Bradley, AGMA; [tech@agma.org](mailto:tech@agma.org)

Send comments (with copy to BSR) to: Same

### ASME (American Society of Mechanical Engineers)

#### Supplements

BSR/ASME A112.19.14a-200x, Six-Liter Water Closets Equipped with a Dual Flushing Device (supplement to ANSI/ASME A112.19.14M-2001)

It is proposed to change the reduced flush Dye Test requirement dilution ratio from 50: 1 to 17: 1.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME; [rodriguez@asme.org](mailto:rodriguez@asme.org)

Send comments (with copy to BSR) to: C.J. Gomez, ASME, 20S2;  
[gomezc@asme.org](mailto:gomezc@asme.org)

### AWS (American Welding Society)

#### Revisions

BSR/AWS C5.10-200x, Recommended Practices for Shielding Gases for Welding and Plasma Arc Cutting (revision of ANSI/AWS C5.10-1994)

The intent of this publication is to present basic concepts relating to gas usage for each process and its variations. These concepts, combined with basic information about arc welding or cutting processes, will enable the reader to make an educated decision when selecting a gas. In addition, safe practices and specific technical data are included as guides in an effort to establish optimum operation of the selected welding or cutting process.

Single copy price: \$17.50

Order from: R. O'Neill, AWS; [roneill@aws.org](mailto:roneill@aws.org)

Send comments (with copy to BSR) to: Leonard Connor, AWS;  
[lconnor@aws.org](mailto:lconnor@aws.org); [roneill@aws.org](mailto:roneill@aws.org)

### EIA (Electronic Industries Alliance)

#### New Standards

BSR/EIA 364-62A-200x, TP-62A, Terminal Strength Test Procedure for Electrical Connectors and Sockets (new standard)

Establishes test methods to determine the ability of the terminals of an electrical connector to withstand the mechanical stressed likely to be applied during normal assembly operations.

Single copy price: \$38.00

Obtain an electronic copy from: [global@ihs.com](mailto:global@ihs.com)

Order from: Global Engineering Documents

Send comments (with copy to BSR) to: Cecelia Yates, EIA;  
[cyates@eia.org](mailto:cyates@eia.org)

#### Revisions

BSR/EIA 364-56A-200x, TP-56A, Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-56A-1991)

Establishes a test method for determining whether connectors can withstand the effects of the heating and/or environment that they will be subjected to during the soldering of their terminations by solder dip, soldering iron, solder wave or reflow soldering techniques.

Single copy price: \$44.00

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

Order from: Global Engineering Documents; <http://global.ihs.com/>

Send comments (with copy to BSR) to: Cecelia Yates, EIA;  
[cyates@eia.org](mailto:cyates@eia.org)

## ESTA (ASC E1) (Entertainment Services and Technology Association)

### New Standards

BSR E1.15-200x, Entertainment Technology - Manufacture, Assembly, and Use of Theatrical Boom & Base Assemblies (new standard)

The draft standard applies to the assembly and use of stage and studio luminaire support devices. These devices normally consist of a floor base, vertical members, and horizontal members for attachment of luminaires and accessories. Towers, ground-support structures, lifts, and other devices that use winches, tripods or other similar lightweight stands; and stands on casted bases are not included in the scope of the draft standard.

Single copy price: Free

Obtain an electronic copy from: standards@esta.org or <http://www.esta.org/tsp>

Order from: Karl Ruling, ESTA (ASC E1); [kruling@esta.org](mailto:kruling@esta.org)  
Send comments (with copy to BSR) to: Same

## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1110-200x, Guide for Synchronous Generator Modeling Practices and Applications in Power System Stability Analyses (new standard)

Summarizes available practices in synchronous machine models used in power system stability studies.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

BSR/IEEE 1175.1-2002, Guide for CASE Tool Interconnections - Classification and Description (new standard)

Describes the scope of applications and inter-relationships for the members of the 1175 family of standards, and it points the reader to the appropriate members for clarifying issues involved in effectively integrating computing system tools into a productive engineering environment.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

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

Describes the surge voltage, surge current, and temporary overvoltage environment in low-voltage (up to 1000 V rms) ac power circuits.

Single copy price: \$49.00 (Non-member); \$39.00 (Member)

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

BSR/IEEE C62.41.2-2002, Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and Less) AC Power Circuits (new standard)

Characterizes the surge environment at locations on ac power circuits described in Std C62.41.1 by means of standardized waveforms and other stress parameters.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

BSR/IEEE C95.4-2002, Recommended Practice for Determining Safe Distances from Radio Frequency Transmitting Antennas When Using Electric Blasting Caps During Explosive Operations (new standard)

Provides recommended practices for the prediction and practical determination of safe distances from radio and radar transmitting antennas when using electric blasting caps (initiators) to remotely detonate an explosive charge.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

### Revisions

BSR/IEEE 269-2002, Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets (revision of ANSI/IEEE 269-1993)

Provides the techniques for objective measurement of electroacoustic characteristics of analog and digital telephones, handsets, and headsets.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

BSR/IEEE 837-2002, Standard for Qualifying Permanent Connections Used in Substation Grounding (revision of ANSI/IEEE 837-1989 (R1996))

Provides direction and methods for qualifying permanent connections used for substation grounding. Particularity addresses the connection used within the grid system, the connection used to join ground leads to the grid system, and the connection used to join the ground leads to equipment and structures.

Single copy price: N/A

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

BSR/IEEE C62.45-2002, Recommended Practice on Surge Testing for Equipment Connected to Low-Voltage (1000 V and Less) AC Power Circuits (revision of ANSI/IEEE C62.45-1993 (R1997))

Performance of surge testing on electrical and electronic equipment connected to low-voltage ac power circuits, specifically using the recommended test waveforms defined in Std C62.41.2

Single copy price: \$44.00 (Non-member); \$35.00 (Member)

Order from: Customer Service: 1-800-678-4333 (phone); 732-981-9667 (fax)

Send comments (with copy to BSR) to: David Ringle, IEEE; [d.ringle@ieee.org](mailto:d.ringle@ieee.org)

## SPRI (Single Ply Roofing Institute)

### New Standards

BSR/SPRI RD-200x, Performance Standard for Retrofit Drains (new standard)

Intended as a reference for those individuals who design, specify, or install retrofit roof drains.

Single copy price: \$15.00

Obtain an electronic copy from: [info@spri.org](mailto:info@spri.org)

Order from: Linda King, SPRI; [lkspri@aol.com](mailto:lkspri@aol.com)

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 4.4 Maintenance of American National Standards of the ANSI Procedures, 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/(AAMA) 292-1993, Pattern Data Interchange - Data Format

ANSI/AAMA 396-1998, Numerically Controlled Fabric Sewing Machines

ANSI/AAMA 1002.10-1993, Insulating Storm Products for Windows and Sliding Glass Doors

## **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/(AAMA) 001-1992, Numerically Controlled Fabric Cutting Machines  
- Data Format - A Companion Standard to ANSI/EIA 274-D-1980  
(R1988)

# Call for Comment Contact Information

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

## Order from:

### AGMA

American Gear Manufacturers Association  
1500 King Street, Suite 201  
Alexandria, VA 22314  
Phone: (703) 684-0211  
Fax: (703) 684-0242  
Web: www.agma.org

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60526-5592  
Phone: (708) 579-8269  
Fax: (708) 352-6464  
Web: www.ans.org/main.html

### ASC X9

American Bankers Association  
P.O. Box 4035  
Annapolis, MD 21403  
Phone: (410) 267-7707  
Fax: (410) 663-7554  
Web: www.9.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

### ASTM

ASTM  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959  
Phone: (610) 832-9743  
Fax: (610) 832-9666  
Web: www.astm.org

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (800) 443-9353 x451  
Fax: (800) 443-5951  
Web: www.aws.org

### BHMA

Builders Hardware Manufacturers Association  
355 Lexington Ave., 17th Floor  
New York, NY 10017  
Phone: (860) 533-9382  
Fax: (860) 533-9382  
Web: www.buildershardware.com/

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515  
Phone: 888-853-3503 U.S. & Canada; 415-352-2168 Outside U.S. & Canada  
Fax: 888-853-3512 U.S. & Canada; 630-932-7381 Outside U.S. & Canada  
Web: www.comm-2000.com

### ESTA (ASC E1)

Entertainment Services and Technology Association  
875 Sixth Avenue, Suite 2302  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: www.esta.org

### Global Engineering Documents

15 Inverness Way East  
Englewood, CO 80112-5704  
Phone: (800) 854-7179  
Fax: (303) 379-2740  
Web: 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

### ISA

ISA-The Instrumentation, Systems, and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC 27709  
Phone: (919) 990-9213  
Fax: (919) 549-8288

### NSF

NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-6857  
Fax: (734) 827-6831  
Web: www.nsf.org

### SPRI

Single Ply Roofing Institute  
77 Rumford Street Suite 3B  
Waltham, MA 02453  
Phone: (781) 647-7026  
Fax: (781) 647-7222  
Web: www.spri.org

### SSFI

Scaffolding, Shoring & Forming Institute  
1300 Sumner Avenue  
Cleveland, OH 44115  
Phone: (216) 241-7333  
Fax: (216) 241-0105



## Send comments to:

### AGMA

American Gear Manufacturers Association  
1500 King Street, Suite 201  
Alexandria, VA 22314  
Phone: (703) 684-0211  
Fax: (703) 684-0242  
Web: www.agma.org

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60526-5592  
Phone: (708) 579-8269  
Fax: (708) 352-6464  
Web: www.ans.org/main.html

### ASC X9

American Bankers Association  
P.O. Box 4035  
Annapolis, MD 21403  
Phone: (410) 267-7707  
Fax: (410) 663-7554  
Web: www.9.org

### ASME

American Society of Mechanical Engineers (ASME)  
3 Park Avenue, 20th Floor  
New York, NY 10016  
Phone: (212) 591-7021  
Fax: (212) 591-8501  
Web: www.asme.org

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443.9353 x302  
Fax: (305) 443-5951  
Web: www.aws.org

### BHMA

Builders Hardware Manufacturers Association  
355 Lexington Ave., 17th Floor  
New York, NY 10017  
Phone: (860) 533-9382  
Fax: (860) 533-9382  
Web: www.buildershardware.com/

### EIA

Electronic Industries Alliance  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201-3834  
Phone: (703) 907-7561  
Fax: (703) 907-7549  
Web: www.eia.org

### ESTA (ASC E1)

Entertainment Services and Technology Association  
875 Sixth Avenue, Suite 2302  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: www.esta.org

### 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

### ISA

ISA-The Instrumentation, Systems, and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC 27709  
Phone: (919) 990-9213  
Fax: (919) 549-8288

### NSF

NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-6857  
Fax: (734) 827-6831  
Web: www.nsf.org

### SPRI

Single Ply Roofing Institute  
77 Rumford Street Suite 3B  
Waltham, MA 02453  
Phone: (781) 647-7026  
Fax: (781) 647-7222  
Web: www.spri.org

### SSFI

Scaffolding, Shoring & Forming Institute  
1300 Sumner Avenue  
Cleveland, OH 44115  
Phone: (216) 241-7333  
Fax: (216) 241-0105

### TIA

Telecommunications Industry Association  
2500 Wilson Boulevard  
Suite 300  
Arlington, VA 22201-3834  
Phone: (703) 907-7706  
Fax: (703) 907-7727  
Web: www.tiaonline.org

### UL

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC 27709  
Phone: (919) 549-1841  
Fax: (919) 547-6174  
Web: www.ul.com/

### UL-CA

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

### UL-NC

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC 27709-3995  
Phone: (919) 549-1491  
Fax: (919) 547-6480

### UL-NY

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747-3081  
Phone: (631) 271-6200, ext. 22465  
Fax: (631) 439-6021

# Initiation of Canvasses

The following ANSI-accredited standards developers have announced their intent to conduct a canvass on the proposed American National Standard(s) listed herein in order to develop evidence of consensus for submittal to ANSI for approval as an American National Standard. Directly and materially affected interests wishing to participate as a member of a canvass list, i.e., consensus body, should contact the sponsor of the standard within 30 days of the publication date of this issue of Standards Action. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for information with regard to canvass standards maintained under the continuous maintenance option.

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## **CAGI (Compressed Air and Gas Institute)**

**Office:** 1300 Sumner Avenue  
Cleveland, OH 44115-2851

*Contact:* R. Christopher Johnson

**Phone:** (216) 241-7333

**Fax:** (216) 241-0105

**E-mail:** cjohnson@taol.com

BSR/CAGI ADF 100-200x, Refrigerated Compressed Air Dryers -  
Methods for Testing and Rating Dryers (revision of ANSI/CAGI ADF  
100-1998)

## **SPRI (Single Ply Roofing Institute)**

**Office:** 77 Rumford Street Suite 3B  
Waltham, MA 02453

*Contact:* Linda King

**Phone:** (781) 647-7026

**Fax:** (781) 647-7222

**E-mail:** lkspri@aol.com

BSR/SPRI RD-200x, Performance Standard for Retrofit Drains (new  
standard)

# 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)

### Revisions

ANSI/AAMI ST46-2002, Steam Sterilization and Sterility Assurance in Healthcare Facilities (revision of ANSI/AAMI ST46-1993): 11/14/2002

## ALI (ASC A14) (American Ladder Institute)

### Revisions

- ★ ANSI A14.3-2002, Ladders - Fixed - Safety Requirements for (revision of ANSI A14.3-1992): 11/14/2002

## CSA (ASC Z21/83) (CSA America, Inc.)

### Revisions

ANSI Z21.10.1a-2002, Gas Water Heaters, Volume I, Storage Water Heaters With Input Ratings of 75,000 Btu Per Hour or Less (revision of ANSI Z21.10.1a-2000): 11/14/2002

ANSI Z21.80-2002, Line Pressure Regulators (same as CSA 6.22) (revision of ANSI Z21.80-1997, ANSI Z21.80a-2000, ANSI Z21.80b-2000): 11/14/2002

## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

ANSI/IEEE 1232-2002, Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE) (new standard): 11/13/2002

ANSI/IEEE 1420.1-2002, Standard for Information Technology - Software Reuse - Data Model for Reuse Library Interoperability: Basic Interoperability Data Model (BIDM) (new standard): 11/13/2002

ANSI/IEEE 1484.12.1-2002, Standard for Learning Object Metadata (new standard): 11/14/2002

ANSI/IEEE C57.123-2002, Guide for Transformer Loss Measurement (new standard): 11/13/2002

## NCSL (ASC Z540) (National Conference of Standards Laboratories)

### Reaffirmations

ANSI/NCSL Z540.2-1997 (R2002), Expressing Uncertainty - U.S. Guide to the Expression of Uncertainty in Measurement (reaffirmation of ANSI/NCSL Z540.2-1997): 11/12/2002

## SCTE (Society of Cable Telecommunications Engineers)

### New Standards

ANSI/SCTE 22-1-2002, DOCSIS 1.0 Radio Frequency Interface (new standard): 11/14/2002

ANSI/SCTE 22-2 2002, DOCSIS 1.0 Baseline Privacy Interface (new standard): 11/14/2002

ANSI/SCTE 22-3-2002, DOCSIS 1.0 Operations Support System Interface (new standard): 11/14/2002

ANSI/SCTE 50-2002, Test Procedure for Measuring Regularity of Impedance of Coaxial Cable (new standard): 11/14/2002

## Approval Rescinded

### ANSI/BHMA A156.7-2002

The approval of American National Standard for Hinge Templates, ANSI/BHMA A156.7-2002, has been rescinded because of an error in a figure. The standard was approved as an American National Standard on November 8, 2002 and was listed in the Final Actions section of the November 15, 2002 issue of Standards Action. When the standard is corrected, it will be resubmitted for approval.

# 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 1.2.8 of the ANSI Procedures for the Development and Coordination of American National Standards (2001 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.

## **AGMA (American Gear Manufacturers Association)**

**Office:** 1500 King Street, Suite 201  
Alexandria, VA 22314

**Contact:** *William Bradley*

**Fax:** (703) 684-0242

**E-mail:** tech@agma.org

BSR/AGMA 6011-200x, Specification for High-Speed Helical Gear Units (revision of ANSI/AGMA 6011-H97)

## **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 26-200x, Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship (revision of ANSI/ASHRAE 26-1996)

BSR/ASHRAE 30-200x, Method of Testing Liquid-Chilling Packages (revision of ANSI/ASHRAE 30-1995)

BSR/ASHRAE 63.2-200x, Method of Testing Liquid Line Filter-Drier Filtration Capability (revision of ANSI/ASHRAE 63.2-1996)

BSR/ASHRAE 72-200x, Method of Testing Open Refrigerators (revision of ANSI/ASHRAE 72-1998)

BSR/ASHRAE 105-200x, Method of Measuring and Expressing Building Energy Performance (revision of ANSI/ASHRAE 105-1984 (R1999))

BSR/ASHRAE 146-200x, Method of Testing for Rating Pool Heaters (revision of ANSI/ASHRAE 146-1998)

## **ASTM (ASTM International)**

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

**Contact:** *James Olshefsky*

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

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

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

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

**Office:** 1200 G Street NW, Suite 500  
Washington, DC 20005

**Contact:** *Susan Carioti*

**Fax:** (202) 347-7125

**E-mail:** scarioti@atis.org

BSR T1.513-200x, Telecommunications - Frame Relay Data Communication Service - Access, User Information Transfer, Disengagement, and Availability Performance Parameters (revision of ANSI T1.513-1997)

BSR T1M1-27-200x, OAM&P - Emergency Telecommunications Service (ETS) (new standard)

# American National Standards Maintained Under Continuous Maintenance

The ANSI Procedures for the Development and Coordination of American National Standards (ANSI Procedures) provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.4.1) and continuous maintenance (see clause 4.4.2). 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 4.4.1 and 4.4.3.

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 STANDARDS INFO, and choose "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at [http://web.ansi.org/public/ans\\_main/default.htm](http://web.ansi.org/public/ans_main/default.htm).

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.



# ISO Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully, 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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## **AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/DIS 24276, Foodstuffs - Nucleic acid based methods of analysis for the detection of genetically modified organisms and derived products - General requirements and definitions - 2/20/2003, \$42.00

## **ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)**

ISO/DIS 19054, Rail systems for supporting medical equipment - 2/27/2003, \$60.00

## **BUILDING CONSTRUCTION (TC 59)**

ISO/DIS 15686-6, Buildings and constructed assets - Service life planning - Part 6: Guidelines for considering environmental impacts - 2/20/2003, \$38.00

## **EARTH-MOVING MACHINERY (TC 127)**

ISO/DIS 3449, Earth-moving machinery - Falling-object protective structures - Laboratory tests and performance requirements - 2/13/2003, \$42.00

ISO/DIS 6683, Earth-moving machinery - Seat belts and seat belt anchorages - 2/6/2003, \$24.00

## **ESSENTIAL OILS (TC 54)**

ISO/DIS 3053, Oil of grapefruit (*Citrus mult. paradisi* Macfad.), obtained by expression - 2/20/2003, \$35.00

ISO/DIS 4724, Oil of cedarwood, Virginia (*Juniperus virginiana* L.) - 2/20/2003, \$30.00

## **GRAPHICAL SYMBOLS (TC 145)**

ISO/DIS 17398, Safety colours and safety signs - Durability of safety signs - 2/20/2003, \$54.00

## **HEALTH INFORMATICS (TC 215)**

ISO/DIS 18104, Health Informatics - Integration of a reference terminology model for nursing - 2/20/2003, \$72.00

ISO/DIS 21549-1, Health informatics - Patient healthcard data - Part 1: General structure - 2/13/2003, \$24.00

ISO/DIS 21549-2, Health informatics - Patient healthcard data - Part 2: Common objects - 2/13/2003, \$50.00

ISO/DIS 21549-3, Health informatics - Patient healthcard data - Part 3: Limited clinical data - 2/13/2003, \$35.00

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

ISO/DIS 9409-1, Manipulating industrial robots - Mechanical interfaces - Part 1: Plates - 2/13/2003, \$30.00

## **MECHANICAL TESTING OF METALS (TC 164)**

ISO/DIS 1099, Metallic materials - Fatigue testing - Axial force controlled method - 2/27/2003, \$56.00

## **MECHANICAL VIBRATION AND SHOCK (TC 108)**

ISO/DIS 13372, Condition monitoring and diagnostics of machines - Vocabulary - 2/20/2003, \$35.00

## **NUCLEAR ENERGY (TC 85)**

ISO/DIS 17873, Nuclear facilities - Criteria for the design and operation of ventilation systems for nuclear installations other than nuclear reactors - 2/27/2003, \$80.00

## **PLASTICS (TC 61)**

ISO/DIS 21048, Plastics - Epoxy resins - Determination of 1,2-glycol content - 2/27/2003, \$26.00

## **STEEL (TC 17)**

ISO/DIS 683-14, Heat-treatable steels, alloy steels and free-cutting steels - Part 14: Hot-rolled steels for quenched and tempered springs - 2/20/2003, \$60.00

ISO/DIS 16143-2, Stainless steels for general purposes - Part 2: Semi-finished products, bars, rods and sections - 2/20/2003, \$56.00

ISO/DIS 16143-1, Stainless steels for general purposes - Part 1: Flat products - 2/20/2003, \$64.00

ISO/DIS 18286, Hot-rolled stainless steel plates - Tolerances on dimensions and shape - 2/20/2003, \$30.00

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

ISO/DIS 15375, Hanging devices for multiple use with transfusion and infusion bottles - Requirements and test methods - 2/20/2003, \$24.00



# Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by 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 Global Engineering Documents.

**Weblinks are now provided from Standards Action to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.**

## LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60061-3 Amd.29 Ed. 3.0 b:2002](#), Amendment 29, \$55.00

## SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-28 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines, \$20.00

[IEC 60335-2-45 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances, \$25.00

# CEN/CENELEC Standards Activity



**Competitive Excellence Through  
Standardization Technology**

This section provides information on standards activity within CEN - the European Committee for Standardization - and CENELEC - the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

### Ordering Instructions

**ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at [www.ansi.org](http://www.ansi.org).**

**prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at [sales@ansi.org](mailto:sales@ansi.org) and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.**

## CEN

### European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

EN 303-1: 1999/prA1, Heating boilers - Part 1: Heating boilers with forced draught burners - Terminology, general requirements, testing and marking - 1/24/2003, \$24.00

EN 304: 1992/prA2, Heating boilers - Test code for heating boilers for atomizing oil burners - 1/24/2003, \$20.00

prEN 285 REVIEW, Sterilization - Steam sterilizers - Large sterilizers - 4/7/2003, \$94.00

prEN 312, Particleboards - Specifications - 3/24/2003, \$46.00

prEN 490 REVIEW, Concrete roofing tiles and fittings for roof covering and wall cladding - Test methods - 3/24/2003, \$42.00

prEN 491 REVIEW, Concrete roofing tiles and fittings for roof covering and wall cladding - Product specifications - 3/24/2003, \$50.00

prEN 748 REVIEW, Playing field equipment - Football goals - Functional and safety requirements, test methods - 3/24/2003, \$38.00

prEN 749 REVIEW, Playing field equipment - Handball goals - Functional and safety requirements, test methods - 3/24/2003, \$35.00

prEN 750 REVIEW, Playing field equipment - Hockey goals - Functional and safety requirements, test methods - 3/24/2003, \$30.00

prEN 1271 REVIEW, Playing field equipment - Volleyball equipment - Functional and safety requirements, test methods - 3/24/2003, \$35.00

prEN 1509 REVIEW, Playing field equipment - Badminton equipment - Functional and safety requirements, test methods - 3/24/2003, \$30.00

prEN 1510 REVIEW, Playing field equipment - Tennis equipment - Functional and safety requirements, test methods - 3/24/2003, \$30.00

prEN 13032-2, Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places - 3/24/2003, \$26.00

prEN 13108-20, Bituminous mixtures - Material specifications - Part 20: Type testing - 3/24/2003, \$38.00

prEN 13877-3, Concrete pavements - Part 3: Specifications for dowels to be used in concrete pavements - 3/24/2003, \$20.00

prEN 14586, Specification for landing valves for dry riser and other dry main systems for fire fighting in buildings - 3/24/2003, \$46.00

prEN 14587-1, Railway applications - Track - Flash butt welding of rails - Part 1: New 220 and 260 Grade Rails in a fixed plant - 3/24/2003, \$60.00

prEN ISO 1135-4, Transfusion equipment for medical use - Part 4: Transfusion sets for single use (ISO/DIS 1135-4: 2002) - 2/24/2003, \$20.00

prEN ISO 8536-4, Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed (ISO/DIS 8636-4: 2002) - 2/24/2003, \$20.00

prEN ISO 8536-8, Infusion equipment for medical use - Part 8: Infusion sets for use with pressure infusion equipment (ISO/DIS 8636-8: 2002) - 2/24/2003, \$20.00

prEN ISO 8536-9, Infusion equipment for medical use - Part 9: Fluid lines for use with pressure infusion equipment (ISO/DIS 8636-9: 2002) - 2/24/2003, \$20.00

prEN ISO 8536-10, Infusion equipment for medical use - Part 10: Accessories for fluid lines for use with pressure infusion equipment (ISO/DIS 8636-10: 2002) - 2/24/2003, \$20.00

prEN ISO 8536-11, Infusion equipment for medical use - Part 11: Infusion filters for use with pressure infusion equipment (ISO/DIS 8636-11: 2002) - 2/24/2003, \$20.00



prEN ISO 9337-2, Contact lenses - Determination of back vertex power - Part 2: Measurement of contact lenses immersed in saline (ISO/DIS 9337-2: 2002) - 2/24/2003, \$20.00

prEN ISO 12402-7, Personal flotation devices - Part 7: Materials and components - Safety requirements and test methods (ISO/DIS 12402-7: 2002) - 2/24/2003, \$110.00

prEN ISO 12402-10, Personal flotation devices - Part 10: Selection and application of flotation devices and other relevant devices (ISO/DIS 12402-10: 2002) - 2/24/2003, \$60.00

prEN ISO 21351, Space systems - Functional and technical specifications (ISO/DIS 21351: 2002) - 2/24/2003, \$60.00

## European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

prEN 81-58, Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test

prEN 559 REVIEW, Gas welding equipment - Rubber hoses for welding, cutting and allied processes

prEN 1011-5, Welding - Recommendations for welding of metallic materials - Part 5: Welding of clad steel

prEN 1092-3, Flanges and their joints - Circular flanges for pipes, valves fittings and accessories, PN designated - Part 3: Copper alloy flanges

prEN 1759-3, Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, Class designated - Part 3: Copper alloy flanges

prEN 10028-2 REVIEW, Flat products made of steels for pressure purposes - Part 2: Non-alloy and alloy steels with specified elevated temperature properties

prEN 10028-3 REVIEW, Flat products made of steels for pressure purposes - Part 3: Weldable fine grain steels, normalized

prEN 10028-4 REVIEW, Flat products made of steels for pressure purposes - Part 4: Nickel alloy steels with specified low temperature properties

prEN 10152 REVIEW, Electrolytically zinc coated cold rolled steel flat products for cold forming - Technical delivery conditions

prEN 10296-1, Welded circular steel tubes for mechanical and general engineering purposes - Technical delivery conditions - Part 1: Non-alloy and alloy steel tubes

prEN 10310, Steel tubes and fittings for onshore and offshore pipelines - Internal and external polyamide powder based

prEN 12258-4, Aluminium and aluminium alloys - Terms and definitions - Part 3: Scrap

prEN 13023, Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment - Accuracy Categories 2 and 3

prEN 13138-1, Buoyant aids for swimming instruction - Part 1: Safety requirements and test methods for buoyant aids to be worn

prEN 13262, Railway applications - Wheelsets and bogies - Wheels - Product requirement

prEN 13384-2, Chimneys - Thermal and fluid dynamic calculation methods - Part 2: Chimneys serving more than one heating appliance

prEN 13811, Sherardizing - Zinc diffusion coatings on ferrous products - Specification

prEN 13918, Gas welding equipment - Integrated flowmeter regulators used on cylinders for welding, cutting and allied processes - Classification, specification and tests

prEN 14037-1, Ceiling mounted radiant panels supplies with water at temperature below 120°C - Part 1: Technical specifications and requirements

prEN 14037-2, Ceiling mounted radiant panels supplies with water at temperature below 120°C - Part 2: Test method for thermal output

prEN 14037-3, Ceiling mounted radiant panels supplies with water at temperature below 120°C - Part 3: Rating method and evaluation of radiant thermal output

prEN 14066, Natural stone test methods - Determination of resistance to ageing by thermal shock

prEN 14096-1, Non-destructive testing - Qualification of radiographic film digitisation systems - Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control

prEN 14096-2, Non-destructive testing - Qualification of radiographic film digitisation systems - Part 2: Minimum requirements

prEN 14175-1, Fume cupboards - Part 1: Vocabulary

prEN 14175-2, Fume cupboards - Part 2: Safety and performance requirements

prEN 14218, Hexagon nuts with flange - Fine pitch thread (ISO 10663: 1999, modified)

prEN 14219, Hexagon bolts with flange with metric fine pitch thread - Small series (ISO 15072: 1999, modified)

prEN ISO 643, Steels - Micrographic determination of the apparent grain size (ISO/FDIS 643: 2002)

prEN ISO 3126, Plastics piping systems - Plastics components - Determination of dimensions (ISO/FDIS 3126: 2002)

prEN ISO 5167-1, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements (ISO/FDIS 5167-1: 2002)

prEN ISO 5167-2, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 2: Orifice plates (ISO/FDIS 5167-2: 2002)

prEN ISO 5167-3, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles (ISO/FDIS 5167-3: 2002)

prEN ISO 5167-4, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 4: Venturi tubes (ISO/FDIS 5167-4: 2002)

prEN ISO 8320-1, Contact lenses and contact lens care products - Vocabulary - Part 1: Contact lenses (ISO/FDIS 8320-1: 2002)

prEN ISO 14122-4, Safety of machinery - Permanent means of access to machinery - Part 4: Fixed ladders (ISO/FDIS 14122-2: 2002)

prEN ISO 15320, Pulp, paper and board - Determination of pentachlorophenol (ISO/FDIS 15320: 2002)

prEN ISO 15867, Intermediate bulk containers (IBCs) for non-dangerous goods - Terminology (ISO/FDIS 15867: 2002)

prEN ISO 15874-1, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 1: General (ISO/FDIS 15874-1: 2002)

prEN ISO 15874-2, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes (ISO/FDIS 15874-2: 2002)

prEN ISO 15874-3, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings (ISO/FDIS 15874-3: 2002)

prEN ISO 15874-5, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 5: Fitness for purpose of the system (ISO/FDIS 15874-5: 2002)

prEN ISO 15875-1, Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 1: General (ISO/FDIS 15875-1: 2002)

prEN ISO 15875-2, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC) - Part 2: Pipes (ISO/FDIS 15877-2: 2002)

prEN ISO 15875-3, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC) - Part 3: Fittings (ISO/FDIS 15877-3: 2002)

- prEN ISO 15875-5, Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system (ISO/FDIS 15875-5: 2002)
- prEN ISO 15876-1, Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 1: General (ISO/FDIS 15876-1: 2002)
- prEN ISO 15876-2, Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 2: Pipes (ISO/FDIS 15876-2: 2002)
- prEN ISO 15876-3, Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 3: Fittings (ISO/FDIS 15876-3: 2002)
- prEN ISO 15876-5, Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 5: Fitness for purpose of the system (ISO/FDIS 15876-5: 2002)
- prEN ISO 15877-1, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 1: General (ISO/FDIS 15877-1: 2002)
- prEN ISO 15877-2, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes (ISO/FDIS 15877-2: 2002)
- prEN ISO 15877-3, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 3: Fittings (ISO/FDIS 15877-3: 2002)
- prEN ISO 15877-5, Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 5: Fitness for purpose of the system (ISO/FDIS 15877-5: 2002)

# 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

### **Misys Hospital Systems, Inc. d/b/a Misys Healthcare Systems**

Organization: Misys Healthcare Systems  
4801 E. Broadway  
Tucson, AZ 85711

Contact: Michael Buchanan  
PHONE: 520-570-2000; FAX: 520-733-6707  
E-mail: [Michael.buchanan@misyshealthcare.com](mailto:Michael.buchanan@misyshealthcare.com)

Public review: November 18, 2002 to February 16, 2003

Novasonics

Public review: September 23, 2002 to December 22, 2002

SMUD.ORG

Organization: Sacramento Municipal Utility District  
6201 S Street, MS B254  
Sacramento, CA 95817  
Contact: Michael Hewitt  
PHONE: 916-732-6414; FAX: 916-732-7600  
E-mail: [mhewitt@smud.org](mailto:mhewitt@smud.org)

Public review: September 9, 2002 to December 8, 2002

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 Organizations

### Approval of Accreditation

#### American Society for Industrial Security (ASIS)

The Executive Standards Council has approved the accreditation of the American Society for Industrial Security (ASIS), using its own procedures under the Organization Method of developing consensus, effective November 13, 2002. For additional information, please contact: Mr. Michael Stack, Executive Director, American Society for Industrial Security, 1625 Prince Street, Alexandria, VA 22314-2818; PHONE: (703) 518-1400; FAX: (703) 518-1519; E-mail: Mstack@asisonline.org.

### Approval of Reaccreditation

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

The Executive Standards Council (ExSC) has approved the reaccreditation of the Institute of Electrical & Electronics Engineers (IEEE), using the 2002 versions of its SA Standards Board Operations Manual & Bylaws under the Organization Method of developing consensus, effective November 13, 2002. For additional information, please contact: Ms. Rona Gertz, Manager, IEEE-SA Governance, IEEE, 445 Hoes Lane, Piscataway, NJ 08855-1331; PHONE: (732) 562-3808; FAX: (731) 562-1571; E-mail: r.gertz@ieee.org.

## Accredited Sponsors Using the Canvass Method

### Withdrawal of Accreditation and of Associated American National Standards

#### American Apparel & Footwear Association

The ANSI Accreditation of the American Apparel & Footwear Association (originally accredited by ANSI as the American Apparel Manufacturers Association) under the Canvass Method of developing consensus, has been administratively withdrawn, along with the following American National Standards:

- \* ANSI/AAMA 001-1992: Numerically Controlled Fabric Cutting Machines - Data Format - A Companion Standard to ANSI/EIA 274-D-1980 (R1988)
- \* ANSI/AAMA 292-1993: Pattern Data Interchange - Data Format
- \* ANSI/AAMA TR292-1996: ANSI Technical Report for Use as an Implementation Guideline to ANSI/AAMA 292 (Pattern Data Interchange)
- \* ANSI/AAMA 396-1998: Numerically Controlled Fabric Sewing Machines

These actions are taken, effective November 13, 2002.

For additional information, please contact: Mr. Richard Yardley, Director, Technical Services, American Apparel & Footwear Association, 2500 Wilson Boulevard, Suite 301, Arlington, VA 22201; PHONE: (703) 524-1864; FAX: (703) 522-6741; E-mail: dyardley@apparelfootwear.org.

## ANSI Accreditation Program for Third Party Product Certification Agencies

### Application for Accreditation

#### National Accreditation and Management Institute - NAMI

#### Comment Deadline: December 23, 2002

National Accreditation and Management Institute – NAMI  
4655-104 Monticello Avenue  
Williamsburg, VA 23188  
PHONE: (757) 258-8808  
FAX: (757) 258-8815

The National Accreditation and Management Institute has submitted an application for accreditation of its certification program in the following product area:

- Fenestration Products

Please send your comments by December 23, 2002 to Reinaldo Balbino Figueiredo, Program Manager Conformity Assessment, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293 9287 or e-mail: rfigueir@ansi.org.

## ANSI-RAB National Accreditation Program for Environmental Management Systems

### Change in Name

### Course Provider

#### Business Process Consulting

The EMS course provider, IQuES, has changed its name to:  
Business Process Consulting  
36133 Schoolcraft Road  
Livonia, MI 48150  
PHONE: (734) 779-2800  
FAX: (734) 779-2860  
E-mail: iso@earthtech.com

## US Technical Advisory Groups

### Application for Accreditation

#### Association of Equipment Manufacturers (AEM)

#### Comment Deadline: December 23, 2002

The Association of Equipment Manufacturers (AEM) has applied for accreditation of the U.S. Technical Advisory Group to ISO/TC 145/SC 3, Graphical symbols for use on equipment, and approval as TAG Administrator. The scope of this subcommittee is as follows:

Standardization in the field of graphical symbols as well as colours and shapes, whenever these elements form part of the message that a symbol is intended to convey, e.g., a safety sign. Establishing principles for preparation, coordination and application of graphical symbols. General responsibility for the review and the coordination of those already existing, those under study, and those to be established. The standardization of new graphical symbols, when requested by a technical committee, or where it does not fall within the activity of an existing technical committee.

Excluded:

Standardization of letters, numerals, punctuation marks, mathematical signs and symbols, and symbols for quantities and units. However, such may be used as a component of a graphical symbol.

The U.S. TAG to ISO/TC 145/SC 3 will operate using the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities, as contained in Annex A of the ANSI Procedures for U.S. Participation in the International Standards Activities of ISO. For additional information or to offer comments, please contact: Mr. Dan Moss, Technical & Safety Programs Manager, AEM, 10 S. Riverside Plaza, Suite 1220, Chicago, IL 60606; PHONE: (312) 321-1470; FAX: (312) 321-1480; E-mail: [dross@aem.org](mailto:dross@aem.org).