

ANSI STANDARDS ACTION

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Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Comment Contact Information	9
Initiation of Canvasses	11
Final Actions	12
Project Initiation Notification System (PINS)	15

International Standards

ISO Draft Standards	17
ISO Newly Published Standards	19
CEN/CENELEC	20
Registration of Organization Names in the U.S.	22
Proposed Foreign Government Regulations	22
Information Concerning	23

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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

Comment Deadline: March 2, 2003

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1082-200x, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (revision of ANSI/UL 1082-2002a)

Miscellaneous Requirements.

[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: Helen Ketcham, UL-NY;
Helen.W.Ketcham@us.ul.com

BSR/UL 1699-200x, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2002)

[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: Helen Ketcham, UL-NY;
Helen.W.Ketcham@us.ul.com

Comment Deadline: March 17, 2003

ASC X9 (Accredited Standards Committee X9, Incorporated)

BSR X9.8 Part 1-200x, Banking - Personal Identification Number Management and Security - Part 1: PIN protection principles and techniques for online PIN verification in ATM & POS systems (revise and partition ANSI X9.8-1995)

X9.8 2003 Part 1 covers the basic principles & techniques which provide the minimum security measures required for effective international PIN management. These measures are applicable to those institutions responsible for implementing techniques for the management and protection of PINs. PIN protection techniques applicable to financial transaction card originated transactions in an online environment and a standard means of interchanging PIN data.

Single copy price: \$80.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org

Send comments (with copy to BSR) to: Same

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 D1623-200x, Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics (new standard)

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BSR/ASTM D6779-200x, Classification System for Polyamide Molding and Extrusion Materials (PA) (new standard)

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BSR/ASTM PS106-200x, Provisional Specification for Rods and Tubes of Polyethylene (PE) (new standard)

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

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

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Revisions

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BSR/ASTM D635-200x, Test Method for Rate of Burning and/or Extent and Time of Burning of Self-supporting Plastics in a Horizontal Position (revision of ANSI/ASTM D635-1998)

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BSR/ASTM D6113-200x, Test Method for Using a Cone Calorimeter to Determine Fire-test-response Characteristics of Insulating Materials Contained in Electrical or Optical Fiber Cables (revision of ANSI/ASTM D6113-2002)

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BSR/ASTM F1521-200x, Test Methods for Performance of Range Tops (revision of ANSI/ASTM F1521-1996 (R2001))

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Reaffirmations

BSR/ASTM D351-1997 (R200x), Classification for Natural Muscovite Block Mica and Thins Based on Visual Quality (reaffirmation of ANSI/ASTM D351-1997)

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BSR/ASTM D352-1997 (R200x), Test Methods for Pasted Mica Used in Electrical Insulation (reaffirmation of ANSI/ASTM D352-1997)

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BSR/ASTM D1459-1993 (R200x), Specification for Silicone Varnished Glass Cloth and Tape for Electrical Insulation (reaffirmation of ANSI/ASTM D1459-1993 (R1998))

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BSR/ASTM D1895-1997 (R200x), Test Methods for Apparent Density, Bulk Factor, and Pourability of Plastic Materials (reaffirmation of ANSI/ASTM D1895-1997)

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BSR/ASTM D1996-1992, Test Method for Determination of Phenolic Antioxidants and Erucamide Slip Additives in Low Density Polyethylene Using Liquid Chromatography (LC) (reaffirmation of ANSI/ASTM D1996-1992)

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BSR/ASTM D2131-1997 (R200x), Classification for Natural Muscovite Mica Splittings (reaffirmation of ANSI/ASTM D2131-1997)

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BSR/ASTM D6100-1997, Specification for Extruded, Compression Molded and Injection Molded Acetal Shapes (POM) (reaffirmation of ANSI/ASTM D6100-1997)

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BSR/ASTM D6263-1998, Specification for Extruded Rods and Bars Made from Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) (reaffirmation of ANSI/ASTM D6263-1998)

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Withdrawals

BSR/ASTM D617-1998, Test Method for Punching Quality of Phenolic Laminated Sheets (withdrawal of ANSI/ASTM D617-1998)

Single copy price: \$30.00

ITI (INCITS)

New Standards

BSR INCITS 367-200x, Information technology - SCSI Parallel Interface-5 (SPI-5) (new standard)

This standard defines the mechanical, electrical, timing, and protocol requirements of the SCSI parallel interface to allow conforming SCSI devices to inter-operate. The SCSI parallel interface is a local I/O bus that may be operated over a wide range of transfer rates.

Single copy price: \$18.00

Order from: Techstreet; service@techstreet.com

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

BSR INCITS 368-200x, Information technology - Passive Interconnect Performance (PIP) (new standard)

This document expands the coverage to the complete assembled interconnect including connectors, uniform bulk cable, and non-uniform bulk cable. A syntax and framework is described for all types of passive interconnect. The methodology for performing the electrical measurements required to determine compliance with the performance requirements for bulk cable of several types, various assembled interconnects and printed circuit board designs is included.

Single copy price: \$18.00

Order from: Techstreet; service@techstreet.com

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

BSR INCITS 369-200x, Information technology - SCSI Signal Modeling-2 (SSM-2) (new standard)

This Standard establishes a common methodology for SCSI system signal modeling. Using this methodology, SCSI systems may be modeled accurately and consistently. This Standard establishes the requirements for the exchange of signal performance information between component suppliers, system integrators, and those carrying-out simulations.

Single copy price: \$18.00

Order from: Techstreet; service@techstreet.com

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

BSR INCITS 370-200x, Information technology - ATA/ATAPI Host Adapters Standard (ATA - Adapter) (new standard)

This standard specifies the AT Attachment Interface between host systems using Automatic Direct Memory Access (ADMA) and storage devices. It provides a common link layer interface for systems manufacturers, system integrators, and software suppliers. The application environment for the AT Attachment Interface is any host system that has a PCI bus and storage devices contained within the processor enclosure.

Single copy price: \$18.00

Order from: Techstreet; service@techstreet.com

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

New National Adoptions

BSR/ISO/IEC 15444-4-2002, Information technology - JPEG 2000 image coding system - Part 4: Conformance testing (identical national adoption)

This Recommendation/International Standard specifies the framework, concepts, methodology for testing, and criteria to be achieved to claim compliance to ITU-T Recommendation T.800/ISO/IEC 15444-1. It provides a framework for specifying abstract test suites and for defining the procedures to be followed during compliance testing.

Single copy price: \$84.00

Order from: ANSI

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

BSR/ISO/IEC 19113-2002, Geographic information - Quality principles (identical national adoption)

This International Standard establishes the principles for describing the quality of geographic data and specifies components for reporting quality information. It also provides an approach to organizing information about data quality.

Single copy price: \$64.00

Order from: ANSI

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

BSR/ISO/IEC 22050-2002, Information technology - Data interchange on 12,7 mm, 384-track magnetic tape cartridges - Ultrium-1 format (identical national adoption)

This International Standard specifies the physical and magnetic characteristics of magnetic tape cartridges, using magnetic tape 12,65 mm wide so as to provide physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format, thereby allowing data interchange between drives by means of such cartridges.

Single copy price: \$124.00

Order from: ANSI

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

BSR/ISO/IEC 22051-2002, Information technology - Data interchange on 12,7 mm, 448-track magnetic tape cartridges - SDLT1 format (identical national adoption)

This International Standard specifies the physical and magnetic characteristics of a 12,7 mm wide, 448-track magnetic tape cartridge, to enable physical interchangeability of such cartridges between drives. It also specifies the quality of the recorded signals, a format - called Super Digital Linear Tape 1 (SDLT (1)) - and a recording method, thereby allowing data interchange between drives.

Single copy price: \$88.00

Order from: ANSI

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

BSR/ISO/IEC 15946-1-2002, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General

International Standard ISO/IEC 15946 specifies public-key cryptographic techniques based on elliptic curves. They include the establishment of keys for secret-key systems, and digital signature mechanisms. This part of ISO/IEC 15946 describes the mathematical background and general techniques necessary for implementing any of the mechanisms described in other parts of ISO/IEC 15946.

Single copy price: \$60.00

Order from: ANSI

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

BSR/ISO/IEC 15946-2-2002, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 2: Digital signatures

This part of ISO/IEC 15946 specifies public-key cryptographic techniques based on elliptic curves. They include the establishment of keys for secret-key systems, and digital signature mechanisms. This part of ISO/IEC 15946 describes mechanisms for digital signatures. The mathematical background and general techniques necessary for implementing the mechanisms are described in part 1 of ISO/IEC 15946.

Single copy price: \$64.00

Order from: ANSI

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

BSR/ISO/IEC 15946-3-2002, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 3: Key establishment

International Standard ISO/IEC 15946 specifies public key cryptographic techniques based on elliptic curves. The standard is split into four parts and includes the establishment of keys for secret key systems and digital signature mechanisms. This part of ISO/IEC 15946 specifies techniques for key establishment, which includes key agreement and key transport, that use elliptic curves.

Single copy price: \$64.00

Order from: ANSI

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

BSR/ISO/IEC 18014-1-2002, Information technology - Security techniques - Time-stamping services - Part 1: Framework

This part of ISO/IEC 18014:

1. identifies the objective of a time-stamping authority;
2. describes a general model on which time-stamping services are based;
3. defines time-stamping services;
4. defines the basic protocols of time-stamping;
5. specifies the protocols between the involved entities.

Single copy price: \$54.00

Order from: ANSI

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

NEMA (National Electrical Manufacturers Association)

Revisions

BSR/NEMA FB-1-200x, Fittings, Cast Metal Boxes and Conduit Bodies for Conduit, electrical Metallic Tubing and Cable (revision of ANSI/NEMA FB-1-1997)

Covers fittings that are a part of electrical raceway systems designed for use as intended by the requirements of the National Electrical Code®, NFPA 70, including fittings for use with non-flexible tubular raceways -Rigid and Intermediate Metal Conduit, Electrical Metallic Tubing. Also included are fittings for use with flexible conduit and cable raceways including- FMC, AC, MC, Tray Cable, MI Cable, Flexible Cord, NM Cable, and SE Cable.

Single copy price: \$55.00

Order from: Michael Leibowitz, NEMA; mik_leibowitz@nema.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

New Standards

- ★ BSR/NSF 177-200x (i1), Shower filtration systems (new standard)

Issue 1: The point-of-use shower filtration systems designed for the reduction of specific substances in potable water. Systems are intended to reduce substances affecting the aesthetic quality of the water.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

Revisions

BSR/NSF 42-200x (i41), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42-2002)

Issue 41: Revisions to parts of section 4 and tables 1 & 2.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

BSR/NSF 44-200x (i11), Residential cation exchange water softeners (revision of ANSI/NSF 44-2002)

Issue 11: Revisions to parts of sections 2, 3, 4, 6 and 7 (reballot of BSR sent on 7/25/02).

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

BSR/NSF 53-200x (i40), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2002)

Issue 40: Revisions to parts of section 4 and tables 1 & 2.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

BSR/NSF 55-200x (i13), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2002)

Issue 13: Revisions to parts of section 4 and tables 1 & 2.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

BSR/NSF 58-200x (i29), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2002)

Issue 29: Revisions to parts of section 4 and tables 1 & 2.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

BSR/NSF 62-200x (i9), Drinking water distillation systems (revision of ANSI/NSF 62-1999)

Issue 9: Revisions to parts of section 4 and tables 1 & 2.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, c/o Lorna Badman

PWMA (Pressure Washer Manufacturers' Association)

New Standards

- ★ BSR/PWMA PW101-8/01-200x, Testing and Rating Performance of Pressure Washers: Determination of Pressure and Water Flow (new standard)

The purpose of this standard is to provide a uniform method for testing and rating the primary performance characteristics of pressure washers that produce high pressure water. This standard applies to pressure washers intended for the household, farm, consumer, or commercial/industrial markets. The pressure washers covered by this standard are portable, engine or electric motor driven, in which the discharge line is hand supported and manipulated.

Single copy price: Free

Order from: Leslie Schraff, PWMA; pwma@pwma.org

Send comments (with copy to BSR) to: Same

SPRI (Single Ply Roofing Institute)

New Standards

BSR/SPRI ES-1-200x, Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems (new standard)

This design standard is intended as a reference for those individuals who design, specify and install edge materials used with low slope roofing systems. It was developed by SPRI in 1994 and published in non-mandatory language as a guide. It was revised to comply with mandatory language requirements and approved as ANSI standard in 1998.

Single copy price: Free

Order from: Linda King, SPRI; lkspri@aol.com

Send comments (with copy to BSR) to: Same

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

BSR/UL 67-200x, Standard for Safety for Panelboards (Bulletin dated January 28, 2003) (revision of ANSI/UL 67-2003)

Bulletin dated January 28, 2003. UL proposes to revise the requirements for series ratings and panelboards employing series ratings. The proposal is not intended as a change in the requirements but rather a clarification of the existing requirements.

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

BSR/UL 96-200x, Standard for Safety for Lightning Protection Components (Bulletin dated: February 3, 2003) (revision of ANSI/UL 96-1998)

These requirements cover lightning protection components for use in the installation of complete systems of lightning protection on buildings and structures.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tina Spenser, UL-NC;
tina.d.spencer@us.ul.com

BSR/UL 96-200x, Standard for Safety for Lightning Protection Components (Bulletin dated: February 3, 2003) (revision of ANSI/UL 96-1998)

The following items are subject to comment:

- 1) Revision of paragraph 7.5 to clarify language.
- 2) Revision of paragraph 12.3 to correct cross-references.
- 3) Revision of paragraph 13.2 to correct cross-references.
- 4) Revision of paragraph 21.1 to correct cross references.
- 5) Revision of paragraph 12.1 to clarify language.
- 6) Revision to paragraph 20.1 restrict the use of tubular construction in Class II terminals.
- 7) Add table in Section 20 to clarify air terminal construction requirements.
- 8) Add marking requirements for identification of component class as paragraph 29.3.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tina Spenser, UL-NC;
tina.d.spencer@us.ul.com

BSR/UL 719-200x, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-1997)

These requirements cover nonmetallic-sheathed cables containing 2 - 4 thermoplastic-insulated circuit conductors with or without a grounding conductor in the constructions. These cables are intended for use in accordance with Article 334 and other applicable parts of the National Electrical Code (NEC), ANSI/NFPA 70. Type NMC cable is for use in dry, moist damp, and corrosive locations. and Type NM cable is for use in normally dry locations.

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

BSR/UL 1054-200x, Standard for Safety for Special-Use Switches (Bulletin dated 01/24/03) (revision of ANSI/UL 1054-1997)

The following items are being considered for comment:

1. Clarification of general requirements for metal thickness of enclosures.
2. Clarification of inrush current peak value times for the tungsten-filament-lamp load.
3. Clarification of marking requirements with respect to catalog number and voltage ratings.
4. Correction of the reference in paragraph 29.1.1 from paragraph 29.6.2 to paragraph 29.8.1.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

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

Comment Deadline: April 1, 2003

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

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

BSR Z358.1-200x, Emergency Eyewash and Shower Equipment (revision of ANSI Z358.1-1998)

Establishes minimum performance and use requirements for eyewash and shower equipment for the emergency treatment of the eyes or body of a person who has been exposed to injurious materials. It covers the following types of equipment: emergency shower, eyewash equipment, eye/face wash equipment, and combination shower and eyewash units.

Single copy price: \$10.00

Order from: Cristine Fargo, ISEA; cfargo@safetysafetyequipment.org
Send comments (with copy to BSR) to: Same

NECA (National Electrical Contractors Association)**New Standards**

BSR/NECA 331-200x, Recommended Practice for Grounding and Bonding Buildings and Service Entrances (new standard)

Describes installation procedures for building and service entrance grounding as well as building interior bonding and grounding.

Single copy price: \$25.00

Order from: Nancy Sipe, NECA; orderdesk@necanet.org
Send comments (with copy to BSR) to: Pearl Parker, NECA;
psp@necanet.org

OPEI (Outdoor Power Equipment Institute)**Revisions**

- ★ BSR/OPEI B71.1-200x, Outdoor Power Equipment - Walk-Behind Mowers and Ride-On Machines with Mowers - Safety Specifications (revision of ANSI/OPEI B71.1-1998)

These safety specifications are for reel and rotary walk-behind and reel and rotary ride-on power lawn mowers, ride-on power lawn tractors with mower attachments, ride-on power lawn and garden tractors with mower attachments, and lever steer ride-on mowers. These safety requirements help ensure uniform operator environments. They apply to products specifically intended as consumer products for the personal use of a consumer around a house.

Single copy price: \$10.00

Order from: Nate Wall, OPEI; nwall@opei.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

CEMA (Conveyer Equipment Manufacturers Association)

BSR/CEMA 550-199x, Classification and Definitions of Bulk Materials (revision of ANSI/CEMA 550-1970 (R1997))

Correction

C136 Standards

In the January 24th edition of Standards Action, eight NEMA C136 standards were mistakenly listed in the Call-for-Comment section as available for public review. These standards are only at the project initiation stage and are not available for comment. The PINS listing for these standards appears in this issue of Standards Action.

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:

ASC X9

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

Fax: (410) 663-7554
Web: www.9.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515
Web: www.comm-2000.com

Global Engineering Documents

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

Web: www.global.ihs.com

ISEA

International Safety Equipment
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1901 North Moore Street, Suite
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Arlington, VA 22209
Phone: (703) 525-1695
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Web: www.safetycentral.org/isea/

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NEMA (ASC C9)

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Rosslyn, VA 22209
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Fax: (703) 841-3300
Web: www.nema.org

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Phone: (734) 913-5706
Fax: (734) 827-6831
Web: www.nsf.org

OPEI

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Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: opei.mow.org

SPRI

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Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

SSFI

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Fax: (216) 241-0105

Techstreet

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Fax: (734) 302-7811

Send comments to:

ASC X9

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Phone: (410) 267-7707
Fax: (410) 663-7554
Web: www.9.org

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Web: www.safetycentral.org/isea/

ITI (INCITS)

INCITS Secretariat/ITI
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Fax: (202) 638-4922
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OPEI

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Fax: (703) 549-7604
Web: opei.mow.org

SPRI

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Web: www.spri.org

SSFI

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UL-IL

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UL-NC

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UL-NY

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
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Phone: (631) 271-6200 x22465
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.

CEMA (Conveyer Equipment Manufacturers Association)

Office: 6724 Lone Oak Blvd.
Naples, FL 34109

Contact: Philip Hannigan

Phone: (941) 514-3441

Fax: (941) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA 550-200x, Classification and Definitions of Bulk Materials
(revision of ANSI/CEMA 550-1970 (R1997))

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: Michael Leibowitz

Phone: (703) 841-3264

Fax: (703) 841-3300

E-mail: mik_leibowitz@nema.org

BSR/NEMA FB-1-200x, Fittings, Cast Metal Boxes and Conduit Bodies
for Conduit, Electrical Metallic Tubing and Cable (revision of
ANSI/NEMA FB-1-1997)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Packer Street
Alexandria, VA 22314

Contact: Nate Wall

Phone: (703) 549-7600

Fax: (703) 549-7604

E-mail: nwall@opei.org

BSR/OPEI B71.1-200x, Outdoor Power Equipment - Walk-Behind
Mowers and Ride-On Machines with Mowers - Safety Specifications
(revision of ANSI/OPEI B71.1-1998)

PWMA (Pressure Washer Manufacturers' Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: Christopher Johnson

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: pwma@pwma.org

BSR/PWMA PW101-8/01-200x, Testing and Rating Performance of
Pressure Washers: Determination of Pressure and Water Flow (new
standard)

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 ES-1-200x, Wind Design Standard for Edge Systems Used
with Low Slope Roofing Systems (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pflingsten Road
Northbrook, IL 60062-2096

Contact: Mitchell Gold

Phone: (847) 664-2850

Fax: (847) 313-2850

E-mail: Mitchell.Gold@us.ul.com

BSR/UL 410-200x, Standard for Safety for Slip Resistance of Floor
Surface Materials (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.

ASAE (American Society of Agricultural Engineers)

New Standards

ANSI/ASAE S547-DEC 2002, Tip-Over Protective Structure (TOPS) for Front Wheel Drive Turf and Landscape Equipment (new standard): 1/22/2003

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B89.3.1-1972 (R2003), Measurement of Out-Of-Roundness (reaffirmation of ANSI/ASME B89.3.1-1972 (R1997)): 1/16/2003

ANSI/ASME B89.6.2-1973 (R2003), Temperature and Humidity Environment for Dimensional Measurement (reaffirmation of ANSI B89.6.2-1973 (R1995)): 1/16/2003

Revisions

ANSI/ASME MFC-11M-2003, Measurement of Fluid Flow by Means of Coriolis Flowmeters (revision of ANSI/ASME MFC-11M-1989 (R1994)): 1/16/2003

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

Reaffirmations

ANSI T1.104-1991 (R2003), Exchange-Interexchange Carrier Interfaces - Individual Channel Signaling Protocols (reaffirmation of ANSI T1.104-1991 (R1997)): 1/17/2003

ANSI T1.611-1991 (R2003), Signalling System Number 7 (SS7) - Supplementary Services for Non-ISDN Subscribers (reaffirmation of ANSI T1.611-1991 (R1997)): 1/17/2003

ANSI T1.618-1991 (R2003), Integrated Services Digital Network (ISDN) - Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service (reaffirmation of ANSI T1.618-1991 (R1997)): 1/17/2003

ANSI T1.645-1995 (R2003), B-ISDN Signaling ATM Adaptation Layer - Service Specific Coordination Function for Support of Signaling at the Network Node Interface (SSCF at the NNI) (reaffirmation of ANSI T1.645-1995): 1/17/2003

ANSI T1.660-1998 (R2003), Signalling System Number 7 - Call Completion to a Portable Number - Integrated Text (reaffirmation of ANSI T1.660-1998): 1/17/2003

ANSI T1.664-1997 (R2003), Broadband ISDN - Point-to-Multipoint Call/Connection Control (reaffirmation of ANSI T1.664-1997): 1/17/2003

ANSI T1.665-1997 (R2003), Broadband ISDN - Overview of ANSI B-ISDN NNI Signaling Capability Set 2, Step 1 (reaffirmation of ANSI T1.665-1997): 1/17/2003

Revisions

ANSI T1.313-2003, Telecommunications - Electrical Protection for Telecommunications Central Offices and Similar Type Facilities (revision of ANSI T1.313-1997): 1/16/2003

ANSI T1.646-2003, Network and Customer Installation Interfaces - Broadcast ISDN: Common Criteria (revision of ANSI T1.646-1995): 1/16/2003

AWS (American Welding Society)

Reaffirmations

ANSI/AWS A5.8-1992 (R2003), Specification for Filler Metals for Brazing and Braze Welding (reaffirmation of ANSI/AWS A5.8-1992): 1/16/2003

EIA (Electronic Industries Alliance)

Revisions

ANSI/EIA 463-B-2003, Fixed Aluminum Electrolytic Capacitors for Alternating Current Motor Starting, Heavy Duty (Type 1) and for Standard Duty (Type 2) (revision of ANSI/EIA 463-A-1999): 1/17/2003

I3A (International Imaging Industry Association)

New Standards

ANSI/I3A IT2.40-2003, Photography (Film) - Root mean square (rms) granularity of film (Images on one side only) - Method for measuring (new standard): 1/22/2003

Withdrawals

ANSI/PIMA IT2.26-1998, Determination of Safelight Conditions (withdrawal of ANSI/PIMA IT2.26-1998): 1/27/2003

IEEE (ASC C37) (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE C37.59-2002, Requirements for Conversion of Power Switchgear Equipment (new standard): 1/22/2003

ANSI/IEEE C37.94-2002, N times 64 kilobit per second Optical Fiber Interfaces Between Teleprotection and Multiplexer Equipment (new standard): 1/21/2003

ANSI/IEEE C37.104-2002, Guide for Automatic Reclosing of Line Circuit Breakers for AC Distribution and Transmission Lines (new standard): 1/21/2003

Reaffirmations

ANSI/IEEE C37.10-1996 (R2002), Guide for Diagnostics and Failure Investigation of Power Circuit Breakers (reaffirmation of ANSI/IEEE C37.10-1996): 1/22/2003

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 45-2002, Recommended Practice for Electrical Installations on Shipboard (new standard): 1/22/2003

ANSI/IEEE 521-2002, Letter Designations for Radar-Frequency Bands (new standard): 1/21/2003

ANSI/IEEE 1413.1-2002, Guide for Selecting and Using Reliability Predictions Based on IEEE 1413 (new standard): 1/22/2003

ANSI/IEEE 1512.3-2002, Hazardous Material Incident Management Message Sets for Use By Emergency Management Centers (new standard): 1/21/2003

ANSI/IEEE 1570-2002, Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection (new standard): 1/22/2003

ANSI/IEEE 1584-2002, Guide for Performing Arc Flash Hazard Calculations (new standard): 1/21/2003

ANSI/IEEE 1585-2002, Guide for the Functional Specification of Medium Voltage (1 - 35 kV) Electronic Series Devices for Compensation of Voltage Fluctuations (new standard): 1/22/2003

ANSI/IEEE 1588-2002, Precision Clock Synchronization Protocol for Networked Measurement and Control Systems (new standard): 1/22/2003

Reaffirmations

ANSI/IEEE 115-1995 (R2002), Guide: Test Procedures for Synchronous Machines - Part I - Acceptance and Performance Testing; Part II - Test Procedures and Parameter Determination for Dynamic Analysis (reaffirmation of ANSI/IEEE 115-1995): 1/22/2003

ANSI/IEEE 260.4-1996 (R2002), Letter Symbols and Abbreviations for Quantities Used in Acoustics (reaffirmation of ANSI/IEEE 260.4-1996): 1/22/2003

ANSI/IEEE 325-1996 (R2002), Test Procedures for Germanium Gamma-Ray Detectors (reaffirmation of ANSI/IEEE 325-1996): 1/22/2003

ANSI/IEEE 1062-1994 (R2002), Recommended Practice for Software Acquisition (reaffirmation of ANSI/IEEE 1062-1994): 1/21/2003

ANSI/IEEE 1101.10-1996 (R2002), Additional Mechanical Specifications for Microprocessors Using the IEEE Std 1101.1-1991 Equipment Practice (reaffirmation of ANSI/IEEE 1101.10-1996): 1/22/2003

ANSI/IEEE 1233-1996 (R2002), Guide for Developing System Requirements Specifications (reaffirmation of ANSI/IEEE 1233-1996): 1/22/2003

ANSI/IEEE 1325-1996 (R2002), Recommended Practice for Reporting Field Failure Data for Power Circuit Breakers (reaffirmation of ANSI/IEEE 1325-1996): 1/22/2003

Revisions

ANSI/IEEE 484-2002, Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications (revision of ANSI/IEEE 484-1996): 1/22/2003

ANSI/IEEE 1246-2002, Guide for Temporary Protective Grounding Systems Used in Substations (revision of ANSI/IEEE 1246-1997): 1/21/2003

ANSI/IEEE 2001-2002, Recommended Practice for the Internet - Web Site Engineering, Web Site Management, and Web Site Life Cycle (revision of ANSI/IEEE 2001-1999): 1/21/2003

NEMA (ASC C57) (National Electrical Manufacturers Association)

New Standards

ANSI/IEEE C57.12.31-2002, Pole Mounted Equipment - Enclosure Integrity (new standard): 1/22/2003

ANSI/IEEE C57.12.32-2002, Submersible Equipment - Enclosure Integrity (new standard): 1/22/2003

NEMA (National Electrical Manufacturers Association)

Revisions

ANSI/NEMA MW 1000-1997 Revision No. 4&5-2003, Magnet Wire (revision of ANSI/NEMA MW 1000-1997, Revision No. 3): 1/16/2003

NPES (ASC CGATS) (Association for Suppliers of Printing and Publishing Technologies)

Revisions

ANSI CGATS.7-2003, Graphic Technology - Pallet Loading for Printed Materials (revision of ANSI CGATS.7-1995): 1/16/2003

NPES (ASC IT8) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmations

ANSI IT8.7/2-1993 (R1999), Graphic Technology - Color Reflection Target for Input Scanner Calibration (reaffirmation of ANSI IT8.7/2-1993): 1/27/2003

NSF (NSF International)

Revisions

ANSI/NSF 14-2003 (i4), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2002): 1/3/2003

OLA (ASC Z80) (Optical Laboratories Association)

New National Adoptions

ANSI Z80.10-2003, Ophthalmics Instruments - Tonometers (identical national adoption and revision of ANSI Z80.10-1994): 1/27/2003

SSFI (Scaffolding, Shoring & Forming Institute)

New Standards

ANSI/SSFI SPS 1.1-2003, Standard Requirements and Test Methods for Testing and Rating Portable Rigging Devices for Suspended Scaffold (new standard): 1/27/2003

TIA (Telecommunications Industry Association)

Supplements

ANSI/TIA 568-B.2-5-2003, Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted Pair Cabling Components - Addendum 5 (supplement to ANSI/TIA/EIA 568-B.2-2001): 1/16/2003

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 263-2003a, Standard for Safety for Fire Tests of Building Construction and Materials (new standard): 1/20/2003

Reaffirmations

ANSI/UL 891-1992 (R2003), Dead-Front Switchboards (Bulletin dated 11/4/02) (reaffirmation of ANSI/UL 891-1992): 1/17/2003

Revisions

ANSI/UL 67-2003, Standard for Safety for Panelboards (revision of ANSI/UL 67-2002): 1/13/2003

ANSI/UL 263-2003, Standard for Safety for Fire Tests of Building Construction and Materials (Bulletin dated June 5, 2002) (revision of ANSI/UL 263-1996): 1/20/2003

ANSI/UL 2333-2003, Standard for Safety for Infrared Thermometers - Part 2 (revision of ANSI/UL 2333-2002): 1/27/2003

VITA (VMEbus International Trade Association (VITA))

New Standards

ANSI/VITA 38-2003, System Management for VME (new standard): 1/16/2003

Correction

ANSI/TIA/EIA 899-2002

The above standard was submitted for approval as an American National Standard with the designation of ANSI/TIA/EIA 455-899-2002. The correct title and designation is Electrical Characteristics of Multipoint Low Voltage Differential Signaling (MVDS) Interface Circuits for Multipoint Data Interchange, ANSI/TIA/EIA 899-2002. The standard was approved on 2/26/02 and was listed in Final Actions in the March 22, 2002 issue of Standards Action.

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.

CEMA (Conveyer Equipment Manufacturers Association)

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Contact: Philip Hannigan

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E-mail: phil@cemanet.org

BSR/CEMA 550-200x, Classification and Definitions of Bulk Materials (revision of ANSI/CEMA 550-1970 (R1997))

Updates ANSI/CEMA Standard 550-1970 (R1997) which was withdrawn in 2002. Provides materials classifications with physical characteristics of each, hazards that affect conveyability, and suggested test procedures for new materials. Aids in establishment of design criteria for bulk conveying machinery and ancillary equipment.

NEMA (ASC C136) (National Electrical Manufacturers Association)

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E-mail: ron_runkles@nema.org

BSR C136.6-200x, Roadway and Area Lighting Equipment - Metal Heads and Reflector Assemblies - Mechanical and Optical Interchangeability (revision of ANSI C136.6-1996)

This standard covers dimensional features of luminaires with metal heads that permit mechanical and optical interchangeability of both head and reflector assemblies. The features covered in this standard apply to metal heads that are slipfitter mounted.

BSR C136.9-200x, Roadway and Area Lighting Equipment - Socket Support Assemblies for Metal Heads - Mechanical Interchangeability (revision of ANSI C136.9-1990 (R1997))

This standard covers the following equipment for use in metal heads: high intensity discharge lamp ballast and socket assemblies and mogul and medium multiple incandescent lamp socket and support assemblies.

BSR C136.11-200x, Roadway and Area Lighting Equipment - Multiple Sockets (revision of ANSI C136.11-1988 (R1994))

This standard covers medium and mogul multiple sockets as used in luminaires designed and intended for use in lighting roadways and other areas open to the public.

BSR C136.13-200x, Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles (revision of ANSI C136.13-1992 (R1996))

This standard covers metal pipe, tubing, and structural brackets for wood poles designed to support luminaires of generally spherical, ellipsoidal, or rectangular shapes used in roadway lighting.

BSR C136.15-200x, Roadway and Area Lighting Equipment - High Intensity Discharge and Low-pressure Sodium Lamps in Luminaires - Field Identification (revision of ANSI C136.15-1997)

The intent of this standard is to provide a simple, uniform method for identifying the type and wattage rating of a high intensity discharge or low pressure sodium lamp installed in a luminaire.

BSR C136.16-200x, Roadway and Area Lighting Equipment - Enclosed Post Top-mounted Luminaires (revision of ANSI C136.16-1995)

This standard covers dimensional, maintenance, and light distribution features that will permit interchange of post top-mounted luminaires whose center of mass is approximately over the mounting tenon.

BSR C136.20-200x, Roadway and Area Lighting Equipment - Fiber Reinforced Plastic (FRP) Lighting Poles (new standard)

This standard applies to fiber-reinforced plastic (FRP) roadway lighting poles.

BSR C136.22-200x, Roadway and Area Lighting Equipment - Internal Labeling of Luminaires (revision of ANSI C136.22-1988 (R1996))

This standard covers internal luminaire identification labels for all styles of luminaires used for roadway or area lighting.

NSF (NSF International)

Office: P.O. Box 130140
Ann Arbor, MI 48113-0140

Contact: Donna Backus

Fax: (734) 827-6831

E-mail: backus@nsf.org

BSR/NSF 40-200x, Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2000)

Complete review of Standard to address potential updates and clarifications, and possible expansion into additional product treatment levels.

SAE (Society of Automotive Engineers)

Office: 400 Commonwealth Drive
Warrendale, PA 15096-0001

Contact: Aleita Wilson

Fax: (724) 776-0243

E-mail: aleita@sae.org

BSR/SAE J110261-200x, EMM - Product Identification Numbering System (identical national adoption)

Adoption of ISO 10261 by SAE.

BSR/SAE J110266-200x, Determination of Slope Limits for Machine Fluid Systems - Static Method (identical national adoption)

Adoption of ISO 10266 by SAE.

BSR/SAE J110268-200x, EMM - Retarders for Dumpers and Tractor Scrapers - Performance tests (identical national adoption)

Adoption of ISO 10268 by SAE.

BSR/SAE J110532-200x, EMM - Machine Mounted Retrieval Device - Performance Requirements (identical national adoption)

Adoption of ISO 10532 by SAE.

BSR/SAE J110533-200x, EMM - Lift Arm Support Devices (identical national adoption)

Adoption of ISO 10533 by SAE.

BSR/SAE J110570-200x, EMM - Articulated Frame Lock - Performance Requirements (identical national adoption)

Adoption of ISO 10570 by SAE.

BSR/SAE J11112-200x, EMM - Operator's Seat - Dimensions And Requirements (identical national adoption)

Adoption of ISO 11112 by SAE.

BSR/SAE J11684-200x, Agricultural Tractors and Specialized Forestry Machinery - Safety Signs and Hazard Pictorials - General (identical national adoption)

Adoption of ISO 11684 by SAE.

BSR/SAE J11862-200x, EMM - Electrical Wires and Cables - Principles of Identification and Marking (identical national adoption)

Adoption of ISO 11862 by SAE.

BSR/SAE J12117-200x, Earth-moving machinery - Tip-over protection structure (TOPS) for compact excavators - Laboratory tests and performance requirements (identical national adoption)

Adoption of ISO 12117 by SAE.

BSR/SAE J12508-200x, EMM - Operator Station and Maintenance Areas - Bluntness of Edges (identical national adoption)

Adoption of ISO 12508 by SAE.

BSR/SAE J12509-200x, EMM - Lighting, Signaling and Marking Lights, and Reflex-Reflector Devices (identical national adoption)

Adoption of ISO 12509 by SAE.

BSR/SAE J13766-200x, Earth-moving machinery - Electromagnetic compatibility (identical national adoption)

Adoption of ISO 13766 by SAE.

BSR/SAE J13860-200x, Machinery for forestry - Forwards - Terms, definitions and commercial specifications (identical national adoption)

Adoption of ISO 13860 by SAE.

BSR/SAE J13861-200x, Machinery for forestry - Wheeled Skidders - Terms, definitions and commercial specifications (identical national adoption)

Adoption of ISO 13861 by SAE.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Mitchell Gold*

Fax: (847) 313-2850

E-mail: Mitchell.Gold@us.ul.com

BSR/UL 410-200x, Standard for Safety for Slip Resistance of Floor Surface Materials (new standard)

These requirements cover the testing of floor and finishing materials to determine if their minimum average and minimum individual static coefficients of friction meet or exceed the specified requirements with respect to slip resistance only. The floor surface materials covered by this standard include floor covering materials (FCM), floor treatment materials (FTM) and walkway construction materials (WCM).

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, 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.

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



ISO 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
web: <http://global.ihs.com>

ACOUSTICS (TC 43)

ISO/DIS 17201-1, Acoustics - Noise from shooting ranges - Part 1: Sound source energy determination of muzzle blast - 4/24/2003, \$72.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 11104, Space data and information transfer systems - Time code formats - 4/24/2003, \$68.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 10651-2, Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 2: Home care ventilators for ventilator-dependent patients - 4/24/2003, \$72.00

ISO/DIS 10651-6, Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 6: Home care ventilatory support devices - 4/24/2003, \$68.00

ISO/DIS 21647, Medical electrical equipment - Particular requirements for the basic safety and essential performance of respiratory gas monitors - 4/24/2003, \$80.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 9564-2, Banking - Personal Identification Number management and security - Part 2: Approved algorithms for PIN encipherment - 5/1/2003, \$20.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 5840, Cardiovascular implants - Cardiac valve prostheses - 4/17/2003, \$110.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-227, Industrial automation systems and integration - Product data representation and exchange - Part 227: Application protocol: Plant spatial configuration - 4/24/2003, \$290.00

PACKAGING (TC 122)

ISO/DIS 22742, Packaging - Linear bar code and two dimensional symbols for product packaging - 4/24/2003, \$76.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 12625-7, Tissue paper and tissue products - Part 7: Determination of optical properties - 5/1/2003, \$30.00

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

ISO/DIS 10147, Pipes and fittings made of crosslinked polyethylene (PE-X) - Estimation of the degree of crosslinking by determination of the gel content - 4/24/2003, \$24.00

ISO/DIS 16241, Notch tensile test to measure the resistance to slow crack growth of polyethylene materials for pipe and fitting products (PENT test) - 4/24/2003, \$42.00

REFRIGERATION (TC 86)

ISO/DIS 23953-1, Refrigerated display cabinets - Part 1: Terms and definitions - 4/24/2003, \$46.00

ISO/DIS 23953-2, Refrigerated display cabinets - Part 2: Classification, requirements and test conditions - 4/24/2003, \$110.00

ROAD VEHICLES (TC 22)

ISO/DIS 4141-1, Road vehicles - Multicore connecting cables - Part 1: Test methods and requirements for basic performance sheathed cables - 4/24/2003, \$38.00

ISO/DIS 7612, Diesel engines - Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail injection systems - Mounting dimensions - 4/24/2003, \$35.00

ISO/DIS 11452-2, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure - 4/24/2003, \$42.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 5794-1, Rubber compounding ingredients - Silica, precipitated, hydrated - Part 1: Non-rubber tests - 4/24/2003, \$68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 17884, Ships and marine technology - Searchlight for high-speed craft - 4/24/2003, \$38.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 15883-2, Washer-disinfectors - Part 2: Requirements and tests for washer disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, hollowware, utensils, glassware, etc. - 4/17/2003, \$38.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 18118, Surface chemical analysis - Auger electron spectroscopy and X-ray photoelectron spectroscopy - Guide to the use of experimentally determined relative sensitivity factors for the quantitative analysis of homogeneous materials - 4/24/2003, \$60.00

ISO/DIS 19318, Surface chemical analysis - X-ray photoelectron spectroscopy - Reporting of methods used for charge control and charge correction - 4/24/2003, \$60.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 6488, Tobacco and tobacco products - Determination of water content - Karl Fischer method - 5/1/2003, \$30.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 22369, Crop protection equipment - Drift classification of sprayers and nozzles - 4/24/2003, \$30.00



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at 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.

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 7889:2003](#), Yogurt - Enumeration of characteristic microorganisms - Colony-count technique at 37 degrees C, \$42.00

[ISO 8607:2003](#), Artificial insemination of animals - Frozen semen of breeding bulls - Enumeration of living aerobic microorganisms, \$39.00

[ISO 9232:2003](#), Yogurt - Identification of characteristic microorganisms (Lactobacillus delbrueckii subsp. bulgaricus and Streptococcus thermophilus), \$55.00

[ISO 11816-2:2003](#), Milk and milk products - Determination of alkaline phosphatase activity - Part 2: Fluorometric method for cheese, \$33.00

ANALYSIS OF GASES (TC 158)

[ISO 6144:2003](#), Gas analysis - Preparation of calibration gas mixtures - Static volumetric method, \$70.00

FASTENERS (TC 2)

[ISO 16048:2003](#), Passivation of corrosion-resistant stainless-steel fasteners, \$26.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

[ISO 10380:2003](#), Pipework - Corrugated metal hoses and hose assemblies, \$51.00

FLOOR COVERINGS (TC 219)

[ISO/PAS 11856:2003](#), Textile floor coverings - Test methods for the determination of fibre bind, \$51.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 8254-2:2003](#), Paper and board - Measurement of specular gloss - Part 2: 75 degree gloss with a parallel beam, DIN method, \$46.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 13998:2003](#), Protective clothing - Aprons, trousers and vests protecting against cuts and stabs by hand knives, \$75.00

SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE (TC 185)

[ISO 4126-2:2003](#), Safety devices for protection against excessive pressure - Part 2: Bursting disc safety devices, \$75.00

SMALL CRAFT (TC 188)

[ISO 9094-1:2003](#), Small craft - Fire protection - Part 1: Craft with a hull length of up to and including 15 m, \$60.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 8224-1:2003](#), Traveller irrigation machines - Part 1: Operational characteristics and laboratory and field test methods, \$84.00

TYRES, RIMS AND VALVES (TC 31)

[ISO 13325:2003](#), Tyres - Coast-by methods for measurement of tyre-to-road sound emission, \$62.00

ISO Technical Specifications

ACOUSTICS (TC 43)

[ISO/TS 13474:2003](#), Acoustics - Impulse sound propagation for environmental noise assessment, \$51.00

[ISO/TS 15666:2003](#), Acoustics - Assessment of noise annoyance by means of social and socio-acoustic surveys, \$51.00

DENTISTRY (TC 106)

[ISO/TS 11405:2003](#), Dental materials - Testing of adhesion to tooth structure, \$51.00

ERGONOMICS (TC 159)

[ISO/TS 16071:2003](#), Ergonomics of human-system interaction - Guidance on accessibility for human-computer interfaces, \$70.00

CEN/CENELEC Standards Activity



CENELEC

**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.

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 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.

prEN 1866, Mobile fire extinguisher - 6/16/2003, \$68.00

prEN ISO 5840, Cardiovascular implants - Cardiac valve prostheses (ISO/DIS 5840: 2003) - 5/16/2003, \$20.00

prEN ISO 6878, Water quality - Determination of phosphorus - Ammonium molybdate spectrometric method (ISO/DIS 6878: 2003) - 5/16/2003, \$20.00

prEN ISO 7389 REVIEW, Building construction - Jointing products - Determination of elastic recovery of sealants (ISO 7389: 2002) - 6/23/2003, \$20.00

prEN ISO 7390 REVIEW, Building construction - Jointing products - Determination of resistance to flow of sealants (ISO 7390: 2002) - 6/23/2003, \$20.00

prEN ISO 8130-14, Coating powders - Part 14: Terminology (ISO/DIS 8130-14: 2003) - 5/16/2003, \$20.00

prEN ISO 10424-1, Petroleum and natural gas industries - Rotary drilling equipment - Part 1: Specification for rotary drilling equipment (ISO/DIS 10424-1: 2003) - 5/16/2003, \$20.00

prEN ISO 10993-18, Biological evaluation of medical devices - Part 18: Chemical characterization of materials (ISO/DIS 10993-18: 2003) - 5/16/2003, \$20.00

prEN ISO 11199-2 REVIEW, Walking aids manipulated by both arms - Requirements and test methods - Part 2: Rollators (ISO/DIS 11199-2: 2003) - 5/23/2003, \$20.00

prEN ISO 11600, Building construction - Jointing products - Classification and requirements for sealants (ISO 11600: 2002) - 6/23/2003, \$20.00

prEN ISO 15883-1, Washer-disinfectors - Part 1: General requirements, definitions and tests (ISO/DIS 15883-1: 2003) - 2/16/2003, \$110.00

prEN ISO 15883-2, Washer-disinfectors - Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, hollowware, utensils, glassware, etc. (ISO/DIS 15883-2: 2003) - 5/16/2003, \$35.00

prEN ISO 15883-3, Washer-disinfectors - Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers (ISO/DIS 15883-3: 2003) - 3/3/2003, \$38.00

prEN ISO 16744, Dentistry - Base metal materials for fixed dental restorations (ISO/DIS 16744: 2003) - 3/3/2003, \$20.00

prEN ISO 17201-1, Acoustics - Noise from shooting ranges - Part 1: Sound source energy determination of muzzle blast (ISO/DIS 17201-1: 2003) - 5/23/2003, \$20.00

prEN ISO 19219, Animal and vegetable fats and oils - Determination of visible foots in crude fats and oils (ISO 19219: 2002) - 6/23/2003, \$20.00

prEN ISO 21627-1, Plastics - Epoxy resins - Determination of chlorine content - Part 1: Inorganic chlorine (ISO 21627-1: 2002) - 6/23/2003, \$20.00

prEN ISO 21627-2, Plastics - Epoxy resins - Determination of chlorine content - Part 2: Easily saponifiable chlorine (ISO 21627-2: 2002) - 6/23/2003, \$20.00

prEN ISO 23953-1, Refrigerated display cabinets - Part 1: Terms and definitions (ISO/DIS 23953-1: 2003) - 5/23/2003, \$46.00

prEN ISO 23953-2, Refrigerated display cabinets - Part 2: Classification, requirements and test conditions (ISO/DIS 23953-2: 2003) - 5/23/2003, \$110.00

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 899 REVIEW, Chemicals used for treatment of water intended for human consumption - Sulfuric acid

prEN 13889, Forged steel shackles for general lifting purposes - Dee shackles and Bow shackles - Grade 6 - Safety

prEN 14054, Packaging - Paper and paperboard packaging - Design of cartons

prEN ISO 3457 REVIEW, Earth-moving machinery - Guards - Definitions and requirements (ISO/FDIS 3457: 2003)

prEN ISO 3506-4, Mechanical properties of corrosion-resistant stainless-steel fasteners - Part 4: Tapping screws (ISO/FDIS 3506-4: 2003)

prEN ISO 4126-1, Safety devices for protection against excessive pressure - Part 1: Safety valves (ISO/FDIS 4126-1: 2003)

prEN ISO 4126-4, Safety devices for protection against excessive pressure - Part 4: Pilot operated safety valves (ISO/FDIS 4126-4: 2003)

prEN ISO 4126-5, Safety devices for protection against excessive pressure - Part 5: Controlled safety pressure relief systems (CSPRS) (ISO/FDIS 4126-5: 2003)

prEN ISO 4126-7, Safety devices for protection against excessive pressure - Part 7: Common data (ISO/FDIS 4126-7: 2003)

prEN ISO 4527, Metallic coatings - Autocatalytic (electroless) nickel-phosphorus alloy coatings - Specification and test methods (ISO/FDIS 4527: 2003)

prEN ISO 12100-1, Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology (ISO/FDIS 12100-1: 2003)

prEN ISO 12100-2, Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles (ISO/FDIS 12100-2: 2003)

prEN ISO 12224-3, Solder wire, solid and flux cored - Specification and test methods - Part 3: Wetting balance test method for flux cored solder wire efficacy (ISO/FDIS 12224-3: 2003)

prEN ISO 15197, In vitro diagnostic test systems - Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus (ISO/FDIS 15197: 2003)

prEN ISO 15349-2, Unalloyed steel - Determination of low carbon content - Part 2: Infrared absorption method after combustion in an induction furnace (with preheating) (ISO 15349-2: 1999)

prEN ISO 15535, General requirements for establishing an anthropometric database (ISO/FDIS 15535: 2003)

prEN ISO 16467 REVIEW, Packaging - Transport packages for dangerous goods - Test methods for IBCs (ISO/FDIS 16467: 2003)

CEN/CENELEC

Formal vote launched (for information)

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

MEDICAL DEVICES

prEN 45502-2-1, Active implantable medical devices - Part 2-1: Particular requirements for active implantable medical devices intended to treat bradyarrhythmia (Cardiac pacemakers)

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

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

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

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

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

Information Concerning

ANSI Accreditation Program for Third Party Product Certification Agencies

Application for Accreditation

OMNI-Test Laboratories, Inc.

Comment Deadline: February 28, 2003

OMNI-Test Laboratories, Inc.
5465 SW Western Avenue, Suite G
Beaverton, OR 97005
PHONE: (503) 643-3788
FAX: (503) 643-3799

OMNI-Test Laboratories, Inc. has submitted an application for accreditation of its certification program in the following product area:

-fuel burning equipment and accessories

Please send your comments by February 28, 2003 to Reinaldo Balbino Figueiredo, Program Director, 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.

International Organization for Standardization (ISO)

Request for new ISO Secretariat

ISO/TC 171 - Document imaging applications

Comment Deadline: April 2, 2003

ANSI has been advised by ISO that France (AFNOR) wishes to relinquish the Secretariat of ISO/TC 171.

The scope of this Technical Committee is as follows:

Standardization of practices relative to the management of documents and images on microforms and other optical media, such as the format and quality characteristics of microforms, and the equipment required for producing and using them; input/output quality and the procedures by which documents and images on microforms and other optical media are recorded, stored and used; the terminology related thereto.

Excluded: cinematography, dimensions and labeling of raw stock film, and the methods of testing, rating, classifying and specifying the performance characteristics of processes, materials and devices applicable to photography and within the scope of ISO/TC 42; manufacturing, labeling and file structure of optical media within the scope of ISO/IEC JTC 1.

Any organization wishing the United States to undertake this ISO Secretariat, please contact Henrietta Scully via email: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346, before April 2, 2003.

PROPOSED REQUIREMENTS FOR THE FIFTH EDITION OF THE STANDARD FOR HOUSEHOLD ELECTRIC COFFEE MAKERS AND BREWING-TYPE APPLIANCES, UL 1082

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

PROPOSAL

23.1.1 An appliance shall be provided with a separate and distinct temperature-limiting device to limit temperatures within the appliance. A single combination regulating-limiting control is unacceptable for this purpose.

Exception No. 1: A temperature-limiting device is not required if, with all thermally responsive devices short-circuited, the results of all appropriate abnormal tests are in compliance with the Abnormal Operation Test, Section 43

Exception No. 2: In the case of water kettle appliances, an acceptable alternative to a separate and distinct limiting-type device as specified in 23.2 is a minimum of two independent automatic-reset temperature-limiting devices.

PROPOSED REQUIREMENTS FOR THE FIRST EDITION OF THE STANDARD FOR ARC-FAULT CIRCUIT-INTERRUPTERS, UL 1699

For your convenience in review, proposed additions to the previously proposed requirements are shown underlined and proposed deletions are shown lined-out.

1. MISCELLANEOUS REQUIREMENTS

PROPOSAL

50.3 When test currents of less than 500 A are required, the current shall be limited by adding lengths of wire for currents of 75 A and higher and by adding resistances for currents less than 75 A. For branch/feeder and combination AFCIs, the wire or resistances shall be inserted into the test circuit on the load side of the device under test. For outlet circuit AFCIs, the wire shall be inserted into the test circuit on the line side of the device under test, and the resistances shall be inserted into the test circuit on the load side of the device under test. See Figure 50.1

58.3.1 The AFCI shall be installed in the following circuits. An arc test as described in Subsection 58.1 shall be introduced with a 5-A load. The AFCI shall clear the arcing fault as specified in Subsection 58.1.

a) Two EMI filters of 0.22 μ F shall be installed. One filter shall be installed at one end of two resistive loads of 50 ft. (15.2 m) lengths of No. 12 AWG (3.3 mm²) Type NM-B cable. Each filter shall be on the end of approximately 6 ft. (1.8 m) of No. 16 AWG (1.3 mm²) Type SJT flexible cord. The arcing shall be initiated as shown in Figure 58.6.

b) An EMI filter ~~with characteristics~~ as described in Figure 58.8 shall be installed at the end of 50 ft. (15.2 m) of No. 12 AWG (3.3 mm²) Type NM-B cable. The filter shall be on the end of 6 ft. (1.8 m) of No. 16 AWG (1.3 mm²) Type SJT flexible cord. The AFCI and the arcing shall be initiated located as shown in Figure 58.7.

When testing an outlet circuit AFCI without feed through or a portable AFCI, 20 ft. (6.1 m) of No. 16 AWG (1.3 mm²) Type SPT-2 flexible cord is to be substituted for the 50 ft. (15.2 m) lengths of Type NM-B cable.