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Contents

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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

ISSN 0038-9633

Comment Deadline: February 25, 2002

NSF (NSF International)

Revisions

BSR/NSF 4 (i7r1.1), Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transport Equipment (revision of ANSI/NSF 4-1999)

Issue 7: revision of requirements for placement of thermocouples during performance testing for enclosed hot food holding equipment and hot food transport cabinets.

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

Send comments (with copy to BSR) to: Deborah Scott, NSF; dscott@nsf.org

Comment Deadline: March 11, 2002

AGA (American Gas Association)

Revisions

BSR Z223.1/NFPA 54, National Fuel Gas Code (revision of ANSI Z223.1-1999/ANSI/NFPA 54-1999)

The National Fuel Gas Code provides design and installation provisions for fuel-gas installations on consumers' premises including requirement for pas piping, gas equipment and appliances, vents and combustion air. The code is the governing code used by many local gas utilities and officials of federal, state and local governments to judge the acceptability of fuel-gas installations. Gas appliance manufacturers as part of their certified installation instructions also reference the code.
Single copy price: Free

Obtain an electronic copy from: www.aga.org
Order from: Paul Cabot, AGA (ASC Z223); pcabot@aga.org
Send comments (with copy to BSR) to: Same

AITC (American Institute of Timber Construction)

Revisions

BSR/AITC A190.1, Wood Products - Structural Glued Laminated Timber (revision of ANSI/AITC A190.1-1992)

This Standard covers minimum requirements for the production of structural glued laminated timber, including sizes and tolerances, grade combinations, lumber, adhesives, appearance grades, and manufacture. It also covers the quality control system for the laminator, plant qualification, daily quality control, and the functions of an accredited inspection and testing agency, and marking.
Single copy price: $10.00

Obtain an electronic copy from: rgoff@aitc-glulam.org
Order from: American Institute of Timber Construction, Attn: Publications Dept.

Send comments (with copy to BSR) to: AITC

AMT (Association for Manufacturing Technology)

Revisions

BSR B11.19, Performance Criteria for the Design, Construction, Care, and Operation of Safeguarding When Referenced by the Other B11 Machine Tool Safety Standards (revision of ANSI B11.19-1990 (R1997))

Covers the safety performance requirements as they relate to the design, installation, operation and maintenance of safeguarding devices, means and measures for machine tools.
Single copy price: Free

Obtain an electronic copy from: pvitayanuvatti@mfgtech.org
Order from: Pat Vitayanuvatti, AMT (ASC B11); (800) 524-0475
Send comments (with copy to BSR) to: David Felinski, AMT (ASC B11); dfelinski@mfgtech.org

ATIS (Alliance for Telecommunications Industry Solutions)

Supplements

BSR T1.403b, Telecommunications - Network and Customer Installation Interfaces - DS1 Electrical Interface (supplement to ANSI T1.403-1999)

This supplement consists of a complete replacement of Annex E that clarifies the intent of the original requirements of the Annex, but does not change them.
Single copy price: $53.00 Paper Copy , Electronic downloads are free

Obtain an electronic copy from: ftp://ftp.t1.org/pub/ansi/bsr8/lb1031.pdf
Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

HL7 (Health Level Seven)

Revisions

BSR/HL7 CMS V1.4, HL7 Context Management Specification, Version 1.4 (revision of ANSI/HL7 V1.3-2001)

The Health Level Seven Context Management Specification is a standard for visually integrating independently-developed healthcare application programs for concurrent use by a single user.
Single copy price: $25.00 electronic copy (extra copy-initial copy included in membership fee), $50.00 paper copy. Non-members - $50.00 electronic

Obtain an electronic copy from: karenvan@hl7.org
Order from: Health Level Seven, Attn: Diana
Send comments (with copy to BSR) to: Karen Van Hentenryck, HL7; karenvan@hl7.org

IPC (IPC - Association Connecting Electronics Industries)

New Standards

BSR/IPC WHMA-A-620, Requirements and Acceptance for Cable and Wire Harness Asssemblies (new standard)

Describes acceptability criteria for producing crimped, mechanically secured, or soldered interconnections and the associated lacing/restraining criteria associated with cable and harness assemblies.
Single copy price: Free

Obtain an electronic copy from: ansirequests@ipc.org
Order from: Rhoda Butchin, IPC; Butcrh@ipc.org
Send comments (with copy to BSR) to: Same

ITI (NCITS)

New National Adoptions

BSR/ISO/IEC 14772-1:1997/AM1, Information Processing Systems - Computer Graphics - The Virtual Reality Modeling Language Part 1-Functional specification and UTF-8 encoding Amendment 1-enhanced interoperability (new national adoption)

ISO/IEC 14772-1 specifies a file format for describing interactive 3D objects and worlds. Amendment 1 to ISO/IEC 14772-1 adds to this file format modifications which allow greater interoperability among VRML implementations as well as enhanced interoperability with other related standards.

Single copy price: Free

Obtain an electronic copy from: http://www.bsi.org.uk/html/sc24/sc24/defined/register/24n2308.zip
Order from: Margaret Gonzalez, ANSI; iost@ansi.org
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (NCITS): ddonovan@itic.org

NEMA (National Electrical Manufacturers Association)

New Standards

BSR/ICEA S-83-596, Optical Fiber Premises Distribution Cable (new standard)

Covers fiber optic communications cables intended for use in the buildings of communications users. Materials, constructions and performance requirements are included in the Standard, together with applicable test procedures. Products covered by this standard are intended only for operation under conditions normally found in communication systems.
Single copy price: $50.00

Obtain an electronic copy from: and_moldoveanu@nema.org
Order from: Global Engineering Document, www.global.ihs.com; (800) 854-7179
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and_moldoveanu@nema.org

New National Adoptions

BSR/NEMA 61800-1 2001, Adjustable Speed Electrical Power Drive Systems: Part - 1: General Requirements - Rating Specifications for Low Voltage Adjustable Speed d.c. Power Drive Systems (new national adoption)

Applies to general purpose adjustable speed d.c. drive systems which include the power conversion, control equipment, and also a motor or motors. Excluded are traction and electrical vehicle drives. It applies to systems connected to line voltages up to 1 kV a.c., 50 Hz or 60 Hz. This international adoption replaces ANSI/NEMA ICS 7-1993.
Single copy price: $85.00

Obtain an electronic copy from: dan_threlkel@nema.org
Order from: Global Engineering Document, www.global.ihs.com; (800) 854-7179
Send comments (with copy to BSR) to: Daniel M. Threlkel, NEMA (ASC C19); dan_threlkel@nema.org

NSF (NSF International)

New Standards

BSR/NSF 170 (i1r3.10), Glossary of Food Equipment Terminology (new standard)

Issue 1: Definitions covered by this Standard consist of terminology related to food service equipment including terms describing equipment materials, design, construction, and performance testing. This is a reballot. Original sent 9/10/01. This is a compilation of all the defined technical terms used in all NSF Food Equipment Standards
Single copy price: $35.00

Obtain an electronic copy from: http://www.nsf.org/publications
Order from: Techstreet, Attn: NSF Publications; service@techstreet.com

Send comments (with copy to BSR) to: Nick Jankowski, NSF; jankowski@nsf.org

Revisions

BSR/NSF 2 (i1r3.10), Food Equipment (revision of ANSI/NSF 2-1996)

Issue 1: Revision and update of the minimum sanitation requirements for food equipment including specific updates for food shields, hand sinks, and various hardware items. Also the inclusion of new requirements for equipment previously not addressed within this Standard such as thermometers, light fixtures, and equipment intended for use in a marine environment. This is a reballot. Original sent 9/10/01.
Single copy price: $35.00

Obtain an electronic copy from: http://www.nsf.org/publications
Order from: Techstreet, Attn: NSF Publications; service@techstreet.com
Send comments (with copy to BSR) to: Nick Jankowski, NSF; jankowski@nsf.org

BSR/NSF 2 (i3r2.0), Food Equipment (revision of ANSI/NSF 2-1996)

Issue 3 - Revise performance testing requirements for equipment and product thermometers (section 6.2).
Single copy price: $35.00

Obtain an electronic copy from: http://www.nsf.org/publications
Order from: Techstreet, Attn: NSF Publications; service@techstreet.com
Send comments (with copy to BSR) to: Nick Jankowski, NSF; jankowski@nsf.org

BSR/NSF 2 (i3r2.1), Food Equipment (revision of ANSI/NSF 2-1996)

Issue 2 - Covers performance testing requirements for wooden cutting boards. (section 6.1)
Single copy price: $35.00

Obtain an electronic copy from: http://www.nsf.org/publications
Order from: Techstreet, Attn: NSF Publications; service@techstreet.com
Send comments (with copy to BSR) to: Nick Jankowski, NSF; jankowski@nsf.org

BSR/NSF 60 (i19r2), Drinking Water Treatment Chemicals-Health Effects (revision of ANSI/NSF 60-2000)

Issue 19: Section 6, table 6.1. This is a reballot. Original sent 10/23/01.
Single copy price: $35.00

Obtain an electronic copy from: www.nsf.org/publications
Order from: Techstreet, Attn: NSF Publications; service@techstreet.com
Send comments (with copy to BSR) to: Gayle Smith, c/o Jane Wilson, NSF: (734) 827-6825, mwilson@nsf.org

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA/EIA 41-D-1, Cellular Radiotelecommunications Intersystem Operations - Addendum 1 (revision of ANSI/TIA/EIA 41-D-1997)

SP-3-3588-AD1 addendum revises TIA/EIA-41-D.
Single copy price: $31.00

Obtain an electronic copy from: global@ihs.com
Order from: Global Engineering Documents, (800) 854-7179; www.global.ihs.com
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 69-1996, Standard for Safety for Electric-Fence Controllers (revision of ANSI/UL 69-1988)

Covers electric-fence controllers to be employed on lighting or line circuits in accordance with the National Electrical Code, NFPA 70. These requirements cover electric-fence controllers used only for the control of animals.
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: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

BSR/UL 621-1992, Ice Cream Makers (revision of ANSI/UL 621-1992)

Covers unitary ice cream makers designed for connection to alternating current circuits rated not more than 600 volts. For the purposes of this standard, ice cream makers include equipment for preparing products such as hard ice cream, soft serve ice cream, milk shakes, and sherbets and may include means for dispensing the product directly into containers. Ice cream makers covered by these requirements employ sealed (hermetic type) motor compressors and air-cooled or water-cooled condensers.
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: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Comment Deadline: March 26, 2002

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B29.100, Precision Power Transmission, Double - Pitch Power Transmission, and Double - Pitch Conveyor Roller Chains, Attachments and Sprockets (revision, redesignation and consolidation of ANSI/ASME B29.1M-1993 (R1999), ANSI/ASME B29.3M-1994 (R1999), ANSI/ASME B29.4M-1994 (R1999))

The B29 Standards committee agreed to propose a draft standard to consolidate and revise the following three chain standards: ASME B29.1, ASME B29.3 & ASME B29.4. The new standard was designated ASME B29.100 and entitled Precision Power Transmission, Double - Pitch Power Transmission, and Double - Pitch Conveyor Roller Chains, Attachments And Sprockets.

Single copy price: $20.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Mavic Lo, ASME; lom@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 114, Standard Test Procedure for Single-Phase Induction Motors (new standard)

Single copy price: N/A

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

BSR/IEEE 356, Guide for Measurements of Electromagnetic Properties of Earth Media (new standard)

Describes the measurement principles of the electrical properties of naturally occurring solid materials and serves as a guide for the measurement of any solid material. These properties include the conductivity (In S/m) and the permittivity (or dielectric constant) (in F/m).
Single copy price: $39.00 Non-members, $31.00 Members

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

BSR/IEEE 802.16-2001, Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems (new standard)

Specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of fixed point-to-multipoint broadband wireless access (BWA) systems providing multiple services.
Single copy price: N/A

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

BSR/IEEE 987, Guide for Application of Composite Insulators (new standard)

Covers the application of composite insulators to overhead transmission and distribution lines. It is based on utility field experiences, results of research laboratory tests, and manufacturers' recommendations.
Single copy price: $47.00 Non-members, $38.00 Members

Order from: Customer Service, IEEE

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

BSR/IEEE 1063, Standard for Software User Documentation (new standard)

Provides minimum requirements for the structure, information content, and format of user documentation, including both printed and electronic documents used in the work environment by users of systems containing software. Includes printed user manuals, online help, and user reference documentation.
Single copy price: $36.00 Non-members, $29.00 Members

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

BSR/IEEE 1349, Guide for Application of Electric Motors in Class I Division 2 Hazardous (Classified) Locations (new standard)

Single copy price: N/A

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

BSR/IEEE 1425-2001, Guide for the Evaluation of the Remaining Life of Impregnated Paper Insulated Transmission Cable Systems (new standard)

Provides technical information regarding factors that can affect the life of an impregnated paper insulated transmission cable system, and reviews available methods to evaluate the remaining life of such systems and preventive maintenance to extend their service life.
Single copy price: $41.00 Non-member, $33.00 Member

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

BSR/IEEE 1497-2001, Delay Format (SDF) for the Electronic Design Process (new standard)

The Standard Delay Format (SDF) is an existing OVI standard for the representation and interpretation of timing data for use at any stage of the electronic design process. The ASCII data in the SDF file is represented in a tool and language independent way and includes path delays, timing constraint values, interconnect delays and high-level technology parameters. This document describes the IEEE version of the SDF standard.
Single copy price: N/A

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

BSR/IEEE C57.135, Guide for the Application, Specification and Testing of Phase-Shifting Transformers (new standard)

Covers the application, specification, theory of operation, and factory and field testing of single-phase and three-phase oil-immersed phase-shifting transformers (PST).
Single copy price: $41.00 Non-member, $33.00 Member

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

BSR/IEEE C57.12.59, Guide for Dry-Type Transformer Through-Fault Current Duration (new standard)

Sets forth recommendations believed essential for the application of overcurrent protective devices applied to limit the exposure time of dry-type transformers to short-circuit currents.
Single copy price: $40.00 Non-members, $32.00 Members

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

BSR/IEEE C62.23, Application Guide for Surge Protection of Electric Generating Plants (new standard)

Consolidates most electric utility power industry practices, accepted theories, existing standards/guides, definitions, and technical references as they specifically pertain to surge protection of electric power generating plants.
Single copy price: $64.00 Non-members, $51.00 Members

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

Revisions

BSR/IEEE 308, Standard Criteria for Class IE Power Systems for Nuclear Power Generating Stations. (revision of ANSI/IEEE 308-1992)

Provides the following: (1) The principal design criteria and the design features of the Class 1E power systems that enable the systems to meet their functional requirements under the conditions produced by the applicable design basis events; (2) the requirements for tests and surveillance of the Class 1E power systems; (3) the criteria for sharing Class 1E power systems in multiunit stations; (4) the requirements for documentation of the Class 1E power systems.

Single copy price: N/A

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

BSR/IEEE 400, Guide for Making High-Direct-Voltage Tests on Power Cable Systems in the Field (revision of ANSI/IEEE 400-1991)

Provides an overview of the various tests available for evaluating the insulation of cable systems in the field, and to set the stage for a series of Guides covering each test method.
Single copy price: $40.00 Non-members, $32.00 Members

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

BSR/IEEE 1003.1, Information Technology - Portable Operating System Interface (POSIX) (revision of ANSI/IEEE 1003.1-1990 (R1995), ANSI/IEEE 1003.2-1993 and all subsequent addenda)

Provides a single standard addressing the needs of users of all the documents being revised and supported by as much of the overall industry as possible. Address problems discovered during the lifetimes of the current documents. The current standards are approaching ten years or more in age; and this is the promised revision, whose scope is being expanded by including accepted practice based on the contents of the Single UNIX Specification.
Single copy price: $220.00 Non-member; $176.00 Member

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

BSR/IEEE 1212, Control and Status Registers (CSR) Architecture for Microcomputer Buses (revision of ANSI/IEEE 1212-1994 Edition)

This is a full-use standard, a revision of ISO/IEC 13213: 1994; its scope reflects accumulated experience with the CSR architecture since it was first promulgated as a standard in 1991. In the intervening years, two bus standards, Scaleable Coherent Interface (SCI), IEEE Std 1596-199x, and Serial Bus, IEEE Std 1394-1995, have been the source of most practical implementation experience.
Single copy price: $40.00 Non-members, $32.00 Members

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

BSR/IEEE 1532, Standard for In System Configuration of Programming Devices (revision of ANSI/IEEE 1532-2000)

Describes a series of mandatory and optional programming instructions and associated data registers that define a standard methodology for accessing and configuring programmable devices.
Single copy price: N/A

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

Reaffirmations

BSR/IEEE 802.1h-1995, Recommended Practice for Media Access Control (MAC) Bridging of Ethernet Version 2.0 in 802 Local Area Networks (reaffirmation of ANSI/IEEE 802.1h-1995)

For the purpose of facilitating the interoperability of ISO/IEC 10038 MAC Bridges and end stations in bridged LANs comprising CSMA/CD networks containing a mixture of ISO/IEC 8802-3 and Ethernet end stations and other types of LANs, this document specifies extensions to the behavior of MAC Bridges.
Single copy price: $60.00 Non-members, $48.00 Members

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

BSR/IEEE 935-1995, Terminology for Tools and Equipment to be Used in Live Line Working (reaffirmation of ANSI/IEEE 935-1995)

Applies to terminology for tools and equipment used in live line working.
Single copy price: $119.00 Non-members, $95.00 Members

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

BSR/IEEE 1101.2-1993, Mechanical Core Specification for Conduction Cooled Eurocards (reaffirmation of ANSI/IEEE 1101.2-1993)

Defines the mechanical requirements for Eurocard-based conduction-cooled circuit card assemblies (CCAs).
Single copy price: $55.00 Non-members, $44.00 Members

Order from: Customer Service, IEEE

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

BSR/IEEE 1212.1-1993, Communicating Among Processors and Peripherals Using Shared Memory (DMA - Direct Memory Access) (reaffirmation of ANSI/IEEE 1212.1-1993)

Describes a DMA Framework that provides recommended architectures for high-performance interfaces between Functions and System Memory, connected by buses that are generally compatible with the IEEE Std 1212 CSR Architecture.
Single copy price: $84.00 Non-members, $67.00 Members

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

BSR/IEEE C37.2-1996, Electrical Power System Device Function Numbers and Contact Designations (reaffirmation of ANSI/IEEE C37.2-1996)

Applies to the definition and application of function numbers for devices used in electrical substations and generating plants and in installations of power utilization and conversion apparatus.
Single copy price: $61.00 Non-members, $49.00 Members

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

BSR/IEEE C37.112-1996, Standard Inverse-Time Characteristic for Overcurrent Relays (reaffirmation of ANSI/IEEE C37.112-1996)

Includes review of various existing analytic techniques used to represent relay operating characteristic curve shapes and proposes analytical (formula) representation of typical operating characteristic curve shapes to foster some standardization of available inverse-time relay characteristics provided in microprocessor or computer relay applications.
Single copy price: $61.00 Non-members, $49.00 Members

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

BSR/IEEE C62.92.5-1992, Guide for the Application of Neutral Grounding in Electric Utility Systems, Part V - Transmission Systems and Subtransmission Systems (reaffirmation of ANSI/IEEE C62.92.5-1992)

Gives the basic factors and general considerations in selecting the class and means of neutral grounding for a particular ac transmission or subtransmission system, and the suggested method and apparatus to be used to achieve the desired grounding.

Single copy price: $79.00 Non-members, $63.00 Members

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

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:

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

BSR/ASHRAE 102-1983, Methods of Testing Non-Electric Non-Pneumatic Thermostatic Radiator Valves (reaffirmation of ANSI/ASHRAE 102-1983 (R1989))

Single copy price: $18.00

Draft Standards for Trial Use

Trial use period: December 31, 2001 through December 31, 2004

In accordance with clause 3.4.4, Draft standards for trial use, of the ANSI Procedures for the Development and Coordination of American National Standards, the availability of the following draft standard for trial use is announced:

HFES (Human Factors & Ergonomics Society)

BSR/HFES 100, Human Factors Engineering of Computer Workstations (trial use standard)

This trial use standard covers operator-machine interface issues associated with computer workstations used regularly by operators with normal physical perceptual, and cognitive capabilities performing text-, data-, and simple graphics-processing tasks in indoor offices. The standard focuses on supporting operator performance through proper attention to human factors considerations in hardware, furniture, and environmental design.

Single copy price: $85.00

Order from: HFES
Send comments (with copy to BSR) to: Lynn Strother, HFES; lynn_strother@compuserve.com

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.

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Web: www.aga.org/

AITC
American Institute of Timber Construction
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Web: www.asme.org

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Web: www.atis.org

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IEEE
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445 Hoes Lane, P.O.Box 1331
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Historic Northern Brewery Building
327 Jones Drive
Ann Arbor, MI 48105
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Fax: (734) 302-7811
E-mail: service@techstreet.com

www.global.ihs.com
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
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Send comments to:

AGA (ASC Z223)
ASC Z223
400 North Capitol Street, NW
Washington, DC 20001
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E-mail: pcabot@aga.org
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AITC
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7012 S. Revere Parkway, Suite 140
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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.

API (American Petroleum Institute)

Office: 1220 L Street, N.W.
Washington, DC 20005

Contact: *Andy Radford*

Phone: (202) 682-8584

Fax: (202) 962-4797

E-mail: radforda@api.org

BSR/API RP 17A/ISO 13628-1, Recommended Practice for Design and Operation of Subsea Production Systems (new national adoption)

BSR/API RP 17C/ISO 13628-3, Recommended Practice on TFL (Through Flowline) Systems (revision of ANSI/API RP 17C-1991)

BSR/API RP 17F/ISO 13628-6, Specification for Subsea Control Systems (new national adoption)

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.

ABA (American Bankers Association)

New Standards

ANSI X9.68-2001, Digital Certificates for Mobile/Wireless and High Transaction Volume Financial Systems: Part 2: Domain Certificate Syntax (new standard): 12/26/2001

ASAE (American Society of Agricultural Engineers)

Withdrawals

ANSI/ASAE S348.2-MAY89 (RJUNE00), One-Point Tubular Sleeve Attachment for Hitching Implements to Lawn and Garden Ride-On Tractors (withdrawal of ANSI/ASAE S348.2-MAY89 (RJUNE00)): 1/4/2002

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

Reaffirmations

ANSI/ASHRAE 136-1993 (R2002), A Method of Determining Air Change Rates in Detached Dwellings (reaffirmation of ANSI/ASHRAE 136-1993): 1/2/2002

ASTM (ASTM International)

New Standards

ANSI/ASTM B344-02, Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements (new standard): 12/10/2001

ANSI/ASTM D2109-02, Test Method for Nonvolatile Matter in Halogenated Organic Solvents and their Admixtures (new standard): 12/10/2001

ANSI/ASTM F539-02, Practice for Fitting Athletic Footwear (new standard): 1/15/2002

ANSI/ASTM F2153-02, Standard for the Measurement of Backpack Capacity (new standard): 1/15/2002

Revisions

ANSI/ASTM D2989-02, Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and their Admixtures (revision of ANSI/ASTM D2989-97): 12/10/2001

ANSI/ASTM E329-02, Specification for Agencies Engaged in the Testing And/or Inspection of Materials Used in Construction (revision of ANSI/ASTM E329-01): 12/10/2001

ANSI/ASTM E541-02, Standard Criteria for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building (revision of ANSI/ASTM E541-84 (R1998)): 12/10/2001

ANSI/ASTM E651-02, Guidelines for Evaluating Capabilities of Agencies Involved in System Analysis and Compliance Assurance for Manufactured Building (revision of ANSI/ASTM E651-92 (R1998)): 12/10/2001

ANSI/ASTM E1171-02, Test Method for Photovoltaic Modules in Cyclic Temperature and Humidity Environments (revision of ANSI/ASTM E1171-99): 1/15/2002

ANSI/ASTM F1577-02, Test Methods for Detention Locks for Swinging Doors (revision of ANSI/ASTM F1577-96): 12/10/2001

ANSI/ASTM F1643-02, Test Methods for Detention Sliding Door Locking Device Assembly (revision of ANSI/ASTM F1643-01): 12/10/2001

I3A (International Imaging Industry Association)

Revisions

ANSI/I3A IT4.152-2001, Photography (Chemicals) - Formaldehyde, 37 Percent Solution with Stabilizer (revision and redesignation of ANSI/NAPM IT4.152-1980 (R1995)): 1/4/2002

IEEE (Institute of Electrical and Electronics Engineers)

Revisions

ANSI/IEEE 528-2001, Inertial Sensor Terminology (revision of ANSI/IEEE 528-1994): 1/2/2002

NEMA (National Electrical Manufacturers Association)

New Standards

ANSI/ICEA S-105-692-2000, 600 Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables (new standard): 1/4/2002

ANSI/NEMA WC 27500-2000, Aerospace and Industrial Electric Cable (new standard): 1/4/2002

Revisions

ANSI/ICEA S-81-570-2001 (Revision 1), Standard for 600 Volt Rated Cables of Ruggedized Design for Direct Burial Installation as Single Conductors or Assemblies of Single Conductors (revision of ANSI/ICEA S-81-570-1996): 1/4/2002

ANSI/NEMA HP 4-2000, Electrical and Electronic FEP (Fluorinated Ethylene Propylene)-Insulated High Temperature Hook-Up Wire, Types KT (250 Volt), K (600 Volt) and KK (1000 Volt) (revision of ANSI/NEMA HP 4-1997): 1/4/2002

UL (Underwriters Laboratories, Inc.)

Revisions

★ ANSI/UL 1005-2002, Standard for Safety for Electric Flatirons (revision of ANSI/UL 1005-1998): 1/3/2002

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: Cliff_Bernier@aami.org

BSR/AAMI AT6-1991, Autologous Transfusion Devices (revision of ANSI/AAMI AT6-1991 (R1996))

ASME (American Society of Mechanical Engineers)

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

Contact: *Calvin Gomez*

Fax: (212) 591-8501

E-mail: gomezc@asme.org

BSR/ASME Y14.43, Dimensioning and Tolerancing of Functional Gages (new standard)

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428

Contact: *George Luciw*

Fax: (610) 832-9666

E-mail: gluciw@astm.org

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

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

BSR/ASTM Z9226Z, Test Method for Viscosity of Drive Line Lubricants in a Constant Shear Stress Viscometer (new standard)

BSR/ASTM Z9229Z, Test Method for Measurement fo Hindered Phenolic Antioxidant Content in Turbine Oil by Linear Sweep Voltammetry (new standard)

BSR/ASTM Z9230Z, Test Method for the Determination of Isothermal Secant and Tangent Bulk Modulus (new standard)

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

BSR/ASTM Z9318Z, Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled DR9 (new standard)

BSR/ASTM Z9320Z, Sampling a Stream of Product by Variables Indexed by AQL (new standard)

BSR/ASTM Z9321Z, Sampling a Stream of Product by Attributes Indexed by AQL (new standard)

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: *Clare Haas Claveau*

Fax: (303) 795-7603

E-mail: chaas@awwa.org

BSR/AWWA G110, Excellence in Water/Wastewater Emergency Preparedness and Security (new standard)

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834

Contact: *Cecelia Yates*

Fax: 703 907-7549

E-mail: cyates@eia.org

BSR/EIA PN-4996, Integrated Passive Devices Application Guideline (new standard)

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: *Stephen Oksala*

Fax: (610) 363-5898

E-mail: soksala@scte.org

BSR/SCTE 36 2001 (Formerly HMS 028), SCTE-HMS-ROOT-MIB (Management Information Base) (new standard)

BSR/SCTE 37 2001 (Formerly HMS 072), SCTE-HMS-ROOT-Implementation MIB (Management Information Base) (new standard)

BSR/SCTE 41 2001 (Formerly DVS 301), POD (Point of Deployment) Copy Protection System (new standard)

BSR/SCTE 42 2001 (Formerly DVS 311), IP (Internet Protocol) Multicast for Digital MPEG (Motion Picture Experts Group) Networks (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
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NACE
- 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.

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.

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.

ACOUSTICS

prEN ISO 389-8, Acoustics - Reference zero for the calibration of audiometric equipment - Part 8: Reference equijvalent threshold sound pressure levels for pure tones and circumaural earphones (ISO/DIS 389-8: 2001) - 4/6/2002, $28.00

prEN ISO 11904-2, Acoustics - Determination of sound immissions from sound sources placed closed to the ears - Part 2: Tecnique using a manikin (minikin-technique) (ISO/DIS 11904-2: 2001) - 4/13/2002, $28.00

ANIMAL FEED

prEN ISO 6887-2, Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products (ISO/DIS 6887-2: 2001) - 4/3/2002, $28.00

prEN ISO 6887-3, Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO/DIS 6887-3: 2001 - 4/13/2002, $28.00

prEN ISO 7932: 1997/prA1, Microbiology - General guidance for the enumeration of Bacillus cereus - Colony-count technique at 30°C - Amendment 1: Inculusion of precision data and limitation of conformatory tests (ISO 7932: 1997/DAM: 2001) - 4/20/2002, $28.00

prEN ISO 10273, Microbiology of food and animal feedings stuffs - Horizontal method for the detection of presumptive pathogenic Yersinia enterocolitica - 4/20/2002, $28.00

BRAZING

prEN 14324, Brazing - Guidance on the application of brazed joints - 5/20/2002, $102.00

CEMENTS

prEN ISO 9917-1, Dental water-based cements - Part 1: Powder/liquid acid-base cements (ISO/DIS 9917-1: 2001) - 4/13/2002, $28.00

CHILD CARE

prEN 14344, Child use and care atricles - Child seats for cycles - Safety requirements and test methods - 5/20/2002, $78.00

prEN 14350-1, Child use and care atricles - Drinking equipment - Part 1: General and mechanical requirements and test - 5/20/2002, $68.00

prEN 14350-2, Child use and care atricles - Drinking equipment - Part 2: Chemical requirements and test - 5/20/2002, $58.00

CLEANING PRODUCTS

prEN 14347, Chemical disinfectants - Basic sporicidal activity - Test method and requirements (Phase 1) - 5/20/2001, $84.00

prEN 14348, Chemical disinfectants and antispeptics - Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants -Test methods and requirements (phase 2/step 1) - 5/20/2002, $84.00

prEN 14349, Chemical disinfectants and antispeptics - Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary field on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2) - 5/20/2002, $72.00

CLOTHING

prEN 13402-3, Size designation of clothes - Part 3: Measurements and intervals - 5/20/2002, $78.00

COATINGS

prEN ISO 21227-1, Paints and varnishes - Evaluation of defects on coated surfaces using optical imaging - Part 1: General guidance (ISO/DIS 21227-1: 2001) - 4/13/2002, $28.00

CONCRETE

prEN 450-1, Fly ash for concrete - Part 1: Definition, specifications and conformity criteria - 5/20/2002, $72.00

prEN 450-2, Fly ash for concrete - Part 2: Conformity evaluation - 5/20/2002, $72.00

prEN 13894-1, Products and systems for the protection and repair of concrete structures - Test methods - Determination of fatigue under dynamic loading - Part 1: During cure - 5/20/2002, $32.00

EARTH-MOVING MACHINERY

prEN ISO 2867 REVIEW, Earth-moving machinery - Access systems (ISO/ 2867: 2001) - 4/13/2002, $28.00

ELECTROMAGNETICS

prEN 12015 REVIEW, Electromagnetic compatibility - Product family standard for ligts, escalators and passengers conveyors - Emission - 5/20/2002, $58.00

prEN 12016 REVIEW, Electromagnetic compatibility - Product family standard for ligts, escalators and passengers conveyors - Immunity - 5/20/2002, $68.00

EXPLOSIVE ATMOSPHERES

prEN 13463-8, Non-electrical equipment for potentially explosive atmospheres - Part 8: Protection by liquid immersion 'k' - 5/20/2002, $48.00

EXPLOSIVES

prEN 13763-1, Explosives for civil uses - Detonators and relays - Part 1: Requirements - 5/20/2002, $98.00

prEN 13763-13, Explosives for civil uses - Detonators and relays - Part 13: Determination of resistance of detonators against electrostatic discharge - 5/20/2002, $42.00

prEN 13763-15, Explosives for civil uses - Detonators and relays - Part 15: Determination of equivalent intiating capability - 5/20/2002, $62.00

FIRE PROTECTION

prEN 13501-3, Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on components of normal building service installations - 5/20/2002, $72.00

prEN 13501-5, Fire classification of construction products and building elements - Part 5: Classification using test data from external fire exposure to roof tests - 5/13/2002, $78.00

prEN 14339, Underground fire hydrants, surface boxes and covers - 5/20/2002, $78.00

FLOORING

prEN 14342, Wood flooring - Characteristics, evaluation of conformity and marking - 5/20/2002, $68.00

FOODSTUFFS

prEN 14332, Foodstuffs - Determination of trace elements - Determination of arsenic in seafood by ETAAS after microwave digestion - 5/20/2002, $48.00

prEN 14333-1, Non fatty foods - Determination of benzimidazole fungicides carbendazim, thiabendazole and benomyl (as carbendazim - Part 1: HPLC method with solid phase extraction clean up - 5/20/2002, $36.00

prEN 14333-2, Non fatty foods - Determination of benzimidazole fungicides carbendazim, thiabendazole and benomyl (as carbendazim) - Part 2: HPLC method with gel permeation chromatography clean up - 5/20/2002, $48.00

prEN 14333-3, Non fatty foods - Determination of benzimidazole fungicides carbendazim, thiabendazole and benomyl (as carbendazim) - Part 3: HPLC method with liquid/liquid-partition clean up - 5/20/2002, $48.00

prEN 14338, Paper and board intended to come into contact with foodstuffs - Conditions for determination of migration from paper and board using modified polyphenylene oxide (Tenax) as a simulant - 5/20/2002, $32.00

prEN 14352, Foodstuffs - Determination of fumonisins B1 and B2 in maize based foods - HPLC method with immunoaffinity column clean-up - 5/20/2002, $54.00

GLASS

prEN 572-8, Glass in building - Basic soda lime silicate glass - Part 8: Supplied and final cut sizes - 5/20/2002, $68.00

prEN 14178-1, Glass in building - Basic alkaline earth silicate glass products - Part 1: Float glass - 5/20/2002, $54.00

prEN 14179-1, Glass in building - Heat soaked thermally toughened soda lime silicate safety glass - Part 1: Definition and description - 5/20/2002, $102.00

prEN 14321-1, Glass in building - Thermally toughened alkaline earth silicate safety glass - Part 1: Definition and description - 5/20/2002, $62.00

prEN 14321-2, Glass in building - Thermally toughened alkaline earth silicate safety glass - Part 2: Evaluation of conformity - 5/20/2002, $92.00

HEATING SYSTEMS

prEN 14335, Heating Systems in buildings - Method for calculation of system energy requirements and system efficiencies - 5/20/2002, $84.00

prEN 14336, Heating Systems in buildings - Installation and commissioning of the shole system - 5/20/2002, $98.00

prEN 14337, Heating Systems in buildings - Design and installation of direct electrical room heating systems - 5/20/2002, $62.00

prEN 14394, Heating boilers - Heating boilers with forced draught burners - Terminology, general requirements, testing and marking (100°C<Ts<110°C) - 5/20/2002, $160.00

HOT WATER HEATERS

EN 26: 1997/prA2, Gas-fired instantaneous water heaters for the production of domestic hot water, fitted with atmospheric burners - 5/20/2002, $58.00

HYDRAULICALLY BOUND MIXTURES

prEN 13286-46, Unbound and hydraulically bound mixtures - Part 48: Test method for the determination of degree of pulverisation - 5/6/2002, $28.00

prEN 13286-50, Unbound and hydraulically bound mixtures - Part 50: Methods for making test specimens using proctor equipment or vibrating table compaction - 5/6/2002, $36.00

prEN 13286-51, Unbound and hydraulically bound mixtures - Part 51: Methods for making test specimens by vibrating hammer - 5/6/2002, $36.00

prEN 13286-52, Unbound and hydraulically bound mixtures - Methods for making test specimens Part 52: Making specimens by vibro-compression - 5/20/2002, $32.00

prEN 13286-53, Unbound and hydraulically bound mixtures - Methods for making test specimens Part 53: Making cylindrical specimens by axial compression - 5/20/2002, $32.00

INLAND NAVIGATION VESSELS

prEN 14329, Inland navigation vessels - Installation of berths and loading areas - 5/20/2002, $48.00

prEN 14330, Inland navigation vessels - Studless anchor chain - Round steellink chain - 5/20/2002, $48.00

LEATHER

prEN 14326, Leather - Physical and mechanical tests - Determination of resistance to horizontal spread of flame - 5/20/2002, $32.00

prEN 14327, Leather - Physical and mechanical tests - Determination of abrasion resistance of upholstery leather - 5/20/2002, $32.00

prEN 14340, Leather - Physical and mechanical tests - Determination of water repellency of garment leather - 5/20/2002, $36.00

LIFTS

prEN 81-73, Safety rules for the construction and installation of lifts - Particular applications for passenger and goods passenger lifts - Part 73: Behaviour of lifts in the event of fire - 5/13/2002, $58.00

prEN 81-80, Safety rules for the construction and installation of lifts - Existing lifts - Part 80: Rules for the improvement of safety of existing passenger and goods passenger lifts - 5/13/2002, $92.00

LPG

prEN 14334, Inspection and testing of LPG road tankers - 5/20/2002, $54.00

OPTICS

prEN ISO 11551 REVIEW, Optics and optical instruments - Lasers and laser-related equipment - Test method for absorptance of optical laser components (ISO/DIS 11551: 2001) - 4/6/2002, $28.00

PETROLEUM

prEN 237 REVIEW, Liquid petroleum products - Petrol - Determination of low lead concentrations by atomic absorption spectrometry - 5/6/2002, $42.00

prEN 12766-3, Petroleum products and used oils - Determination of PCBs and related products - Part 3: Determination and quantification of polychlorinated terphenyls (PCT) and polychlorinated benzyl toluenes (PCBT) content by gas chromatography (GC) using an electron capture detector (ECD) - 5/6/2002, $78.00

prEN 14331, Liquid petroleum products - Separation and characterisation of fatty acid methyl esters (FAME) by liquid chromatography/gas chromatography (LC/GC) - 5/20/2002, $42.00

PLASTERBOARD

prEN 14353, Metal beads and feature profiles for use with gypsum plasterboards - Definitions, requirements and test methods - 5/20/2002, $84.00

PLASTICS

prEN ISO 4613-2: 1995/prA1, Plastics - Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials - 2: Preparation of test specimens and determination of properties (ISO 4613-2: 1995/DAM: 2001) - 4/20/2002, $28.00

POOLS AND EQUIPMENT

prEN 13138-3, Buoyant aids for swimming instruction - Part 3: Buoyant aids to be worn, swim seats - Safety requirements and test methods - 5/6/2002, $88.00

prEN 13451-10, Swimming pool equipment - Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment - 5/6/2002, $84.00

prEN 13451-11, Swimming pool equipment - Part 11: Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads - 5/6/2002, $48.00

PROTECTIVE EQUIPMENT

prEN 14325, Protective clothing againsh chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages - 5/20/2002, $54.00

prEN 14328, Protective clothing - Gloves and amguards protecting against cuts by powered knives - Requirements and test methods - 5/20/2002, $54.00

ROAD RESTRAINT SYSTEMS

prEN 1317-5, Road restraint systems - Part 5: Product requirements, durability and evaluation of conformity - 2/21/2002, $62.00

prEN 12195-4, Load restraint assemblies on road vehicles - Safety - Part 4: Lashing steel wire ropes - 5/6/2002, $62.00

ROADS

EN 124: 1994/prA1, Gully tops and manhole tops for vehicular and pedestrian areas - Design requirements, testing, marking, quality control - 5/6/2002, $48.00

EN 1790: 1998/prA1, Road marking materials - Preformed road markings - 5/6/2002, $58.00

EN 1871: 2000/prA1, Road marking materials - Physical properties - 5/6/2002, $62.00

prEN 500-1 REVIEW, Mobile road construction machinery - Safety - Part 1: Common requirements - 5/20/2002, $102.00

prEN 500-2 REVIEW, Mobile road construction machinery - Safety - Part 2: Specific requirements for road milling machines - 5/20/2002, $48.00

prEN 500-3 REVIEW, Mobile road construction machinery - Safety - Part 3: Specific requirements for soil stabilizing machines - 5/20/2002, $48.00

prEN 500-4 REVIEW, Mobile road construction machinery - Safety - Part 4: Specific requirements for compaction machines - 5/20/2002, $98.00

prEN 500-6 REVIEW, Mobile road construction machinery - Safety - Part 6: Specific requirements for paver-finishers - 5/20/2002, $58.00

STEEL TANKS

prEN 12285-2, Workshop fabricated steel tanks - Part 2: Horizontal cylindrical single skin and double skin tanks for the aboveground storage of flammable and non-flammable water polluting liquids - 5/20/2002, $68.00

STEEL WIRE

prEN 10323, Steel wire and wire products - Bead wire - 5/20/2002, $54.00

prEN 10324, Steel wire and wire products - Hose reinforcement wire - 5/20/2002, $48.00

prEN 12385-6, Steel wire ropes - Safety - Part 6: Stranded ropes for mine shafts - 5/13/2002, $78.00

prEN 12385-10, Steel wire ropes - Safety - Part 10: Spiral ropes for general structural applications - 5/20/2002, $78.00

VALVES

prEN 593 REVIEW, Industrial valves - Metallic butterfly valves - 5/13/2002, $72.00

prEN 14341, Industrial valves - Steel check valves - 5/20/2002, $48.00

WASTE

prEN 14345, Characterization of waste - Determination of hydrocarbon content by gravimetry - 5/20/2002, $48.00

prEN 14346, Characterization of waste - Calculation of dry matter by determination of dry residue or water content - 5/20/2002, $42.00

WASTEWATER

EN 12566-1: 2000/prA1, Small wastewater treatment systems 50 PT - Part 1: Prefabricated septic tanks - 5/6/2002, $58.00

WINDOWS

prEN 14351, Windows and external pedestrian doors - Product standard - 5/20/2002, $102.00

WOOD

prEN 14322, Wood based panels - Melamine faced boards for interior uses - Definition, requirements and classification - 5/20/2002, $36.00

prEN 14323, Wood based panels - Melamine faced boards for interior uses - Characteristics and test methods - 5/20/2002, $54.00

prEN 14354, Wood based panels - Wood veneer floor covering - 5/20/2002, $102.00

WOODWORKING

prEN 847-3, Tools for woodworking - Safety requirements - Part 3: Safety requirements - 5/13/2002, $48.00

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.

ANIMAL FEED

prEN ISO 6887-4, Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of products other than milk and milk products, meat and meat products, and fish and fishery products (ISO/DIS 6887-4: 2001)

BITUMINOUS MIXTURES

prEN 13043, Aggregates for bituminous mixtures and surface dressings for roads, airfields and other trafficked areas

CHILD CARE

prEN 13209-1, Child use and care atricles - Child carriers - Safety requirements and test methods - Part 1: Framed back carriers

CLEANROOMS

prEN ISO 14698-1, Cleanrooms and associated controlled environments - Biocontamination control - Part 1: General principles (ISO/DIS 14698-1: 2001)

COIL COATED METALS

prEN 13523-6, Coil coated metals - Test methods - Part 6: Adhesion after indentation (cupping test)

prEN 13523-8, Coil coated metals - Test methods - Part 8: Resistance to salt spray (fog)

prEN 13523-15, Coil coated metals - Test methods - Part 15: Metamerism

prEN 13523-18, Coil coated metals - Test methods - Part 18: Resistance to staining

prEN 13523-23, Coil coated metals - Test methods - Part 23: Colour stability in humid atmospheres containing sulfur dioxide

CONCRETE

prEN ISO 15630-1, Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire (ISO/FDIS 15630-1: 2001)

prEN ISO 15630-2, Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric (ISO/FDIS 15630-2: 2001)

prEN ISO 15630-3, Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel (ISO/FDIS 15630-3: 2001)

CONSTRUCTION

prEN ISO 11431, Building construction - Jointing products - Determination of adhesion/cohesion properties of sealants after exposure to heat and artificial light through glass and to water (ISO/FDIS 11431: 2001)

FABRIC

prEN 12280-2, Rubber- or plastic-coated fabrics - Accelerated ageing tests - Part 2: Physical ageing: effect of light or weathering

prEN 12280-3, Rubber- or plastic-coated fabrics - Accelerated ageing tests - Part 3: Environmental ageing

FATS AND OILS

prEN ISO 8420 REVIEW, Animal and vegetable fats and oils - Determination of polar compounds
(ISO/FDIS 8420: 2001)

FOODSTUFFS

prEN ISO 658 REVIEW, Oilseeds - Determination of impurities content (ISO/FDIS 658: 2001)

GAS CYINDERS

prEN 13720, Transportable gas cylinders - Filling conditions for acetylene battery vehicles

GPS

prEN ISO 12780-2, Geometrical Product Specifications (GPS) - Straightness - Part 2: Specification operators (ISO/DIS 12780-2: 2001)

LEATHER

prEN ISO 2420, Leather - Physical and mechanical tests - Determination of apparent density (ISO/FDIS 2420: 2001)

METALLIC COATINGS

prEN ISO 4527, Metallic coatings - Autocatalytic (electroless) nickel-phosphorus alloy coatings - Specification and test methods (ISO/DIS 4527: 2001)

PIPELINES

prEN 10289, Steel tubes and fittings for on and offshore pipelines - External liquid applied epoxy and epoxy-modified coatings

prEN 10290, Steel tubes and fittings for on and offshore pipelines - External liquid applied polyurethane and polyurethane-modified coatings

PROTECTIVE EQUIPMENT

prEN ISO 15025, Protective clothing - Protection against heat and flame - Method of test for limited flame spread (ISO 15025: 2000)

TOYS

prEN 71-7, Safety of toys - Part 7: Finger paints - Requirements and test methods

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

JNJ

Public review: January 2, 2002 to April 2, 2002

NETM

Organization: NETMANAGE
2 Gurdwara Road
Ottowa, Ontario K2E 1A2, Canada
Contact: Kevin Watson
PHONE: 613-228-5151 - FAX: 613-727-9409
Email: KEVIN.WATSON@NETMANAGE.COM

Public review: December 19, 2001 to March 19, 2002

Valor Telecom

Public review: January 2, 2002 to April 2, 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.

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

International Organization of Legal Metrology

United States Participation in the International Organization of Legal Metrology (www.oiml.org)

What is OIML? The International Organization of Legal Metrology (OIML) was established by treaty in 1955 in order to promote the global harmonization of legal metrology procedures. The USA acceded to the treaty in 1972. The U.S. Department of State has delegated U.S. technical representation in the OIML to the National Institute of Standards and Technology (NIST). OIML has liaison status as an international standards body with the World Trade Organization's Technical Barriers to Trade Committee.

Since its inception, OIML has developed a worldwide technical structure that provides its Members with metrological guidelines for the development of national and regional requirements concerning the performance requirements and use of measuring instruments for legal metrology applications. OIML is an intergovernmental treaty organization whose membership includes Member States (currently 57), countries which participate actively in technical activities, and Corresponding Members (currently 55), countries which join OIML as observers. OIML develops model regulations entitled International Recommendations, which provide Members with an internationally agreed upon basis for the establishment of national legislation on various categories of measuring instruments. Given the increasing international implementation of OIML guidelines, more and more manufacturers are referring to OIML International Recommendations to ensure that their products meet international specifications for metrological performance and testing.

OIML Objectives:

- Harmonize globally the performance requirements for legal measuring instruments and the means by which the performance of such instruments is verified and controlled.
- Facilitate international trade of measuring instruments.
- Establish confidence in and facilitate the international trade of products and services affected by measurements.
- Ensure correct performance of instruments used to monitor public and worker health and safety.
- Ensure accurate performance of instruments used to monitor and determine levels of pollutants in the environment.
- Assist developing nations through information and cooperative training with other organizations.

U.S. Participation in OIML The Technical Standards Activities Program (TSAP) at NIST coordinates the U.S. position and votes on International Documents and Recommendations. TSAP staff members facilitate this coordination by distributing drafts for comment to U.S. National Working Groups (NWGs) of the respective OIML Technical Committees and Subcommittees. The NWGs are technical expert groups composed of standards developing organizations, manufacturers, manufacturing and trade associations, and representatives of U.S. regulatory bodies. The U.S.A. Member of the International Committee of Legal Metrology is:

Dr. Charles D. Ehrlich
National Institute of Standards and Technology
Chief, Technical Standards Activities Program
100 Bureau Drive, MS 2150
Gaithersburg, MD 20899-2150
Phone:301-975-4834
FAX:301-975-5414
Email:charles.ehrlich@nist.gov

Benefits of U.S. participation in OIML:

- Facilitates the participation of effected U.S. parties in the development and revision of OIML International Recommendations and Documents, providing an opportunity for comment on the requirements.
- Assists U.S. manufacturers in marketing instruments globally by not having to manufacture to different requirements in different nations.
- Establishes confidence for U.S. buyers and sellers engaged in global trade in the measurements associated with testing and certifying the quantity and other characteristics of products.

Current U.S. Activities in International Legal Metrology:

Interamerican Workshop on Packaging and Labeling: December 9–10, 2001, Miami Beach, Florida, USA.

The Interamerican Metrology System (SIM) announces a workshop for manufacturers, retailers and government and regulatory officials of prepackaged goods from throughout the Americas. The workshop will address packaging and labeling requirements in the hemisphere and will provide a unique opportunity for industry representatives and legal metrology officials from several countries to meet in a forum to discuss packaging and labeling issues in international markets. Industry participation from across the Americas is strongly encouraged. It is hoped that this workshop will establish a permanent process and forum to address hemispheric packaging and labeling issues. Topics include:

- Labeling requirements for both food and non-food consumer products
- OIML International Recommendations on "Net Quantity of Contents" and "Labeling" requirements
- Challenges in operating marketplace surveillance programs
- Issues confronting companies marketing in multiple countries
- Removing barriers to trade in labeling and net contents inspection of pre-packaged products

For information contact: Ileana Martinez (301-975-2766, ileana.martinez@nist.gov).

Current OIML International Recommendations and Documents under development with the USA as Secretariat:

OIML TC/SC[1]	Project	Document Stage[2]	NIST Contact
TC 3	Revision of D3 “Law on Metrology”	WD	Wayne Stiefel, 301-975-4011, stiefel@nist.gov
TC3/SC5	International Document on “Mutual acceptance arrangement on OIML type evaluations”	7CD	Charles Ehrlich, 301-975-4834, cehrlich@nist.gov
TC 6	Revision of R 87 “Net Contents in Packages”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9	Revision of R 74 “Electronic Weighing Instruments”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 111 “Weights of Classes E1, E2, F1, F2, M1, M1-2, M2, M-3, and M3”	DR 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC 9/SC 3	Revision of R 33 “Conventional Value of the Result of Weighing in Air”	1CD 2001	Ken Butcher, 301-975-4859, kbutcher@nist.gov
TC10/SC4	Revision of R117 “Measuring systems for liquid other than water” and merger of R117 with R105 “Direct mass flow measuring systems for quantities of liquids”	WD 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov
TC 16/SC 2	Revision of R 83 “Gas chromatograph mass spectrometer/data system for analysis of organic pollutants in water”	WD	Ambler Thompson, 301-975-2333 ambler@nist.gov
TC 16/SC 2	Revision of R 100 “Atomic absorption spectrometers for measuring metal pollutants in water”	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 2	Revision of R 116 “Inductively coupled plasma atomic emission spectrometers for measurement of metal pollutants in water”	WD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 3	Revision of R 82 “Gas chromatographs for measuring pollution from pesticides and other toxic substances”	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov
TC 16/SC 4	New R “Fourier transform infrared spectrometers for measurement of air pollutants”	1CD	Ambler Thompson, 301-975-2333, ambler@nist.gov

Current OIML International Recommendations and Documents open for comment:

Closing Date	OIML TC/SC[1]	Project	Document Stage[2]	NIST Contact
11/15/01	TC10/SC2	"Pressure transmitters with elastic sensing elements"	DR 2001	Ralph Richter, 301-975-4025, ralph.richter@nist.gov

[1] Named designations of OIML Technical Committees and Subcommittees can be found in the technical committee database on the OIML web site (www.oiml.org).

[2] Document Stage Acronyms

DR Draft Recommendation
DD Draft Document
CD Committee Draft
WD Working Draft

Information Concerning

Accredited Standards Committees

Approval of Reaccreditation

ASC Z136, Safe Use of Lasers

The Executive Standards Council has approved the reaccreditation of Accredited Standards Committee Z136, Safe Use of Lasers, using revised operating procedures under the Committee Method of developing consensus, effective December 27, 2001. The Laser Institute of America (LIA) currently serves as the Secretariat of ASC Z136.

For additional information, please contact: Ms. Barbara Sams, ASC Z136 Standards Administrator, Laser Institute of America, 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826; PHONE: (407) 380-1553 ext. 25; FAX: (407) 380-5588; E-mail: bsams@laserinstitute.org.

Accredited Organizations

Application for Accreditation

Consumer Electronics Association (CEA)

Comment Deadline: February 25, 2002

The Consumer Electronics Association (CEA) has submitted an Application for Accreditation as a Developer of American National Standards using its own operating procedures under the Organization Method.

The scope of CEA's proposed standards development activities for which it is seeking organizational accreditation is as follows:

CEA standardization activities shall include those associated with the design and manufacture of consumer electronics (CE) products and related services, CE device/service and device/device interoperability and transmission signals that may traverse the demarcation points of telecommunications infrastructures.

To request further information or to offer comments, please contact: Ms. Jean Johnson, Senior Manager, Technology and Standards, Consumer Electronics Association, 2500 Wilson Boulevard, Arlington, VA 22201-3834; PHONE: (703) 907-7972; FAX: (703) 907-7693; E-mail: jjohnson@ce.org. As these procedures were provided electronically, the public review period is 30 days. You may download a copy of CE's proposed operating procedures from ANSI Online during the public review period at the following URL: http://web.ansi.org/public/library/sd_revise/default.htm. Comments should be submitted to CE by February 25, 2002, with a copy to the Recording Secretary, Executive Standards Council, at ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

Approval of Reaccreditation

Society of Motion Picture and Television Engineers (SMPTE)

The Executive Standards Council has approved the reaccreditation of the Society of Motion Picture and Television Engineers (SMPTE), using revised operating procedures under the Organization Method of developing consensus, effective December 27, 2001.

For additional information, please contact: Mr. Carl Girod, Director of Engineering, SMPTE, 595 West Hartsdale Avenue, White Plains, NY 10607-1824; PHONE: (914) 761-1100; FAX: (914) 761-3115; E-mail: cgirod@smpte.org.

ANSI-RAB National Accreditation Program for Quality Management Systems

Application for Accreditation

Registrar

Great Western Registrar LLC

Comment Deadline: February 25, 2002

Great Western Registrar LLC, based in Phoenix, AZ, has applied for accreditation under the ANSI-RAB National Accreditation Program for Registrars of Quality Management Systems, a joint program of the American National Standards Institute and the Registrar Accreditation Board.

Comments on Great Western Registrar LLC are solicited from interested bodies. Please send your comments by February 25, 2002 to Reinaldo Figueiredo, Quality Manager, Conformity Assessment, American National Standards Institute, 1819 L St., NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: RFigueir@ansi.org.

Notice of Accreditation

Registrar

Ever Win Quality Certification Center

The ANSI-RAB National Accreditation Program for Quality Management Systems is pleased to announce that the following registrar has been accredited:

Ever Win Quality Certification Center
Xu Qing
216#, Long Bo Office Building A,
No. 3 South Lishi Road, Xicheng District
Beijing, 100037 P.R. China
PHONE: 0086 010 66039380
FAX: 0086 010 66039379
E-mail: ewc@public3.bta.net.cn
Website: www.ewcqcc.org

U.S. Technical Advisory Groups

Application for Accreditation

ISO/IEC JTC 1/SC 31, Automatic Identification and Data Capture Techniques

Comment Deadline: February 25, 2002

The Food Marketing Institute (FMI) has submitted an Application for Accreditation and Approval as TAG Administrator for the U.S. Technical Advisory Group to ISO/IEC JTC 1/SC 31, Automatic Identification and Data Capture Techniques. Until December 31, 2001, AIM USA served as the Administrator for this TAG.

FMI's application states that the U.S. TAG to ISO/IEC JTC 1/SC 31 will operate using the Model Operating Procedures for US Technical Advisory Groups to ANSI for ISO Activities, as contained in Annex A of the ANSI International Procedures. In addition, it is FMI's intent that the current membership of the SC 31 TAG will continue to serve in this capacity.

For additional information or to offer comments, please contact: Mr. Ted Mason, Director, EPS Network Services & Emerging Technologies, Food Marketing Institute, 655 15th Street, N.W., Suite 700, Washington, DC 20005; PHONE: (202) 220-0735; FAX: (202) 220-0877; E-mail: jmason@fmi.org. Please submit your comments to FMI by February 25, 2002, with a copy to the Recording Secretary, ExSC, in ANSI's New York Office (FAX: (212) 840-2298; E-mail: jthompso@ansi.org).

NSF 4i7r1.1

Tracking#4/i7/r1.1, Revision to NSF/ANSI 4 – 2000e

6.1.2 Test method

6.1.2.1 The performance of enclosed hot food holding equipment and hot food transport cabinets shall be evaluated within a test chamber maintained under the following conditions for the duration of the test:

– ambient temperature of 73 ± 3 °F (23 ± 2 °C), as measured approximately 10 in (250 mm) from test unit and 36 in (914 mm) from the floor; and

– no vertical temperature gradient exceeding 1.5 °F per foot (2.5 °C per meter).

6.1.2.2 The equipment shall be preheated in accordance with the manufacturer's operating instructions or shall be allowed to cycle on and off at least 2 full cycles.

6.1.2.3 Thermocouples accurate to ± 1 °F (± 0.5 °C) shall be used to monitor the air temperature in the cabinet as close ~~to the following 3 locations~~ as possible to the following locations:

~~– geometric center of the cabinet;~~

~~– 5 in (127 mm) below the cabinet ceiling, centered front-to-back; and~~

~~– 5 in (127 mm) above the cabinet floor, centered front-to-back.~~

Thermocouple #1: (when facing the front of the unit) 5 ± 0.25 in (127 ± 6 mm) from the left interior wall, 5 ± 0.25 in (127 ± 6 mm) down from the ceiling, and centered front-to-back.

Thermocouple # 2: centered front-to-back, centered top-to bottom, centered left-to-right.

Thermocouple #3: (when facing the unit) 5 ± 0.25 in (127 ± 6 mm) from the right interior wall, 5 ± 0.25 in (127 ± 6 mm) above the internal floor of the unit, and centered front-to-back.

If interior spatial constraints prohibit the placement of thermocouples as specified above, alternate locations shall be selected to comply with the intent of the Standard.

Reason: Requirements revised to be consistent with the requirements in ANSI/NSF Standard 7 Section 6.1.2. The last sentence was added because some hot holding devices may be too small to permit the placement of thermocouples as specified. The intent is for the thermocouples to form a diagonal in the unit while being centered front to back.

The thermocouples shall be in thermal contact with the center of a 1.6 oz (45 g) cylindrical brass slug (~~minimum diameter ½ in [13 mm]~~) with a diameter and height of ¾ in (0.75 in, 19 mm). The brass slugs shall be placed at least ½ in (13 mm) from any heat conducting surface.

NOTE – If designed for use with food holding trays, the equipment shall be tested with one tray at the top, middle, and bottom of the hot holding cabinet.

Reason: Revised brass slug specifications per the NSF Technical Manager's description of the slug used during the tests.