

# **ANSI** STANDARDS ACTION

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## American National Standards Call for comment on proposals listed

This section solicits your comments on proposed new American National Standards and on proposals to revise, reaffirm, or withdraw approval of existing American National Standards. Identification of any known or potential conflicts of draft standards listed with any existing standards may be included and would be appreciated. Comment is solicited to ensure that the views of all interested parties have been given full consideration. To be certain that no standards of interest are overlooked, please check all listings.

In your response, please specify whether you approve or disapprove of the proposal as an American National Standard. If you provide technical comments with your approval, indicate whether approval is contingent upon considering them for inclusion (1) in the current proposal or (2) in future revisions of the current proposal. If you disapprove, give your reasons.

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

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

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

\* Standard for consumer products

# Comment Deadline: January 28, 2002

## APPLIANCES, GAS-BURNING

- ★ BSR/UL 749, Standard for Safety for Household Dishwashers (revision of ANSI/UL 749-1994)

This Standard applies to electric household dishwashers intended to be used in nonhazardous locations in accordance with the Canadian Electrical Code, Part I (CEC), and the (US) National Electrical Code (NEC), on circuits having a nominal voltage not exceeding 250 V. This Standard applies to both cord-connected and permanently connected appliances. This Standard does not apply to commercial appliances. Commercial appliances are covered under the scope of CSA C22.2 No. 168, Commercial Dishwashing Machines, or UL 921, Commercial Electric Dishwashers.

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

## BUILDINGS

BSR/ACI 301, Structural Concrete for Buildings, Specifications (new standard)

This ACI standard is a reference specification that the engineer or architect can make applicable to any construction project by citing it in the project specifications. The architect/engineer supplements the provisions of this reference specification as needed by designating or specifying individual project requirements. The document covers materials and proportioning of concrete; reinforcing and prestressing concrete; production, placing, finishing, and curing of concrete; and formwork design and construction. Methods of treatment of joints and embedded items, repair of surface defects, and finishing of formed and unformed surfaces are specified. Separate sections are devoted to architectural concrete, lightweight concrete, prestressed concrete, and shrinkage-compensating concrete. Provisions governing testing, evaluation, and acceptance of concrete and acceptance of the structure are included.

Single copy price: \$15.00

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BSR/ACI 530-99/530.1-99, Building Code Requirements for Masonry Structures and Specifications for Masonry Structures and Related Commentaries (new standard)

The updated code covers the design and construction of masonry structures. New requirements have been added in this edition for prestressed masonry, inspection and quality assurance of construction, hot-weather construction, and adhered veneer.

Single copy price: \$15.00

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BSR/ACI ITG T1.1-99, Acceptance Criteria for Moment Frames Based on Structural Testing and Commentary (new standard)

Provides a framework that establishes the specific tests appropriate for acceptance, for regions of high seismic risk or for structures assigned to satisfy high seismic performance of design categories, of weak beam/strong column moment frames.

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## CHEMICALS

BSR/ACI 222.1, Test Method for Water-Soluble Chloride Available for Corrosion of Embedded Steel in Mortar and Concrete Using Soxhlet Extractor (new standard)

Some water-soluble chlorides, primarily in certain aggregates, do not induce corrosion of embedded reinforcing steel because these chlorides are bound within the aggregate. Currently, available test methods cannot distinguish between the water-soluble chlorides that support corrosion and those that do not. This test method detects only water-soluble chlorides that contribute to the corrosion of reinforcing steel.

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## CIRCUIT BREAKERS

BSR/UL 943, Ground-Fault Circuit Interrupters (revision of ANSI/UL 943-1994)

Topic summary: (1) Expansion and Revision of Surge Test Requirements, (2) Requirements for Resistance to Moisture and Corrosion, (3) New Requirements for Reverse Line-Load Miswire Test, (4) New Requirements for Abnormal Overvoltage Test, (5) Revised Requirements for Supervisory Circuit Monitoring, (6) New Requirement for Reset Lockout, (7) New Requirement for Component Ratings, (8) New Requirements for Operating Mechanism Test, (9) Replacement Requirements for Resistance to Environmental Noise Testing.

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

Order from: comm2000

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

## CONCRETE

BSR/ACI 117, Tolerances for Concrete Construction and Materials (new standard)

This specification provides standard tolerances for concrete construction. This document is intended to be used as the reference document for establishing tolerances for concrete construction by specification writers and ACI committees writing standards.

Single copy price: \$15.00

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BSR/ACI 211.1, Normal, Heavy Weight, and Mass Concrete, Practice for Selecting Proportions (new standard)

This document describes, with examples, two methods for selecting and adjusting proportions for normalweight concrete. The procedures take into consideration the requirements for placeability, consistency, strength, and durability. Example calculations are shown, including adjustments based on the characteristics of the first trial batch. The proportioning of heavyweight concrete for such purposes as radiation shielding and bridge counterweight structures is described.

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BSR/ACI 214, Recommended Practice for Evaluation of Strength Test Results of Concrete (new standard)

This publication discusses briefly the numerous variations that occur in the strength of concrete and presents statistical methods useful in interpreting these variations.

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BSR/ACI 223, Standard Practice for the Use of Shrinkage-Compensating Concrete (new standard)

Shrinkage-compensating concrete is used extensively in various types of construction to minimize cracking caused by drying shrinkage. Methods and details are also given in this document covering structural design, concrete mixture proportioning, placement, finishing, and curing.

Single copy price: \$15.00

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BSR/ACI 301M, Specifications for Structural Concrete (new standard)

This ACI standard is a reference specification that the engineer or architect can make applicable to any construction project by citing it in the project specifications. The architect/engineer supplements the provisions of this reference specification as needed by designating or specifying individual project requirements. The document covers materials and proportioning of concrete; reinforcing and prestressing concrete; production, placing, finishing, and curing of concrete; and formwork design and construction. Methods of treatment of joints and embedded items, repair of surface defects, and finishing of formed and unformed surfaces are specified. Separate sections are devoted to architectural concrete, lightweight concrete, prestressed concrete, and shrinkage-compensating concrete. Provisions governing testing, evaluation, and acceptance of concrete and acceptance of the structure are included.

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BSR/ACI 303.1, Standard Specification for Cast-in-Place Architectural Concrete (new standard)

This specification provides the requirements for cast-in-place architectural concrete. It includes requirements for the materials, forming, concrete placement, curing, additional treatment, and inspection. The requirements are for vertical (walls) and horizontal (flatwork) architectural concrete and are written in the three-part section format of the CSI, as adapted by ACI, modified to ACI requirements, and organized by types of architectural concrete.

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BSR/ACI 306.1, Standard Specification for Cold Weather Concreting (new standard)

This specification is designed to be used in its entirety by reference in project specifications, will assist the engineer/architect in properly choosing and specifying the necessary, mandatory, and optional requirements for the project specification. The specification covers preparations before placement of concrete and protection of concrete after placing.

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BSR/ACI 307, Design and Construction of Reinforced Concrete Chimneys and Commentary (new standard)

This standard gives material, construction, and design requirements for cast-in-place and precast reinforced concrete chimneys. It sets forth minimum loadings for the design and construction of reinforced concrete chimneys and contains methods for determining the concrete and reinforcement required as a result of these loadings.

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BSR/ACI 308, Practice for Curing Concrete (new standard)

Along with commonly accepted methods and procedures, requirements are given in this document for curing pavements and other slabs on ground, for structures and buildings, and for mass concrete. Curing requirements for precast products, shotcrete, preplaced aggregate concrete, refractory concrete, plaster, and other applications are also given.

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BSR/ACI 308.1, Standard Specification for Curing Concrete (new standard)

This specification provides requirements for alternative methods for curing concrete, and the architect/engineer must not only include this document by reference in the project specifications, but must also identify the concrete elements that are to be cured, and must choose the method to be used to cure those elements.

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BSR/ACI 313, Standard Practice for Design and Construction of Concrete Silos and Stacking Tubes for Storing Granular Materials and Commentary (new standard)

This standard puts forth special requirements for the unique cases of static and dynamic loading such as: funnel, flow, mass flow, concentric flow, and asymmetric flow in silos.

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BSR/ACI 315, Details and Detailing of Concrete Reinforcement (new standard)

This document provides standard of practice for both the architect/engineer (A/E) and the reinforcing steel detailer in showing reinforcing steel details. It is divided into three parts: one addressed to the A/E, one addressed to the detailer, and a third providing a reference table and figures. It defines the responsibilities of both the A/E and detailer. It then establishes certain standards of practice for both the structural and placing drawings.

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BSR/ACI 330.1, Standard Specification for Plain Concrete Parking Lots (new standard)

This specification covers minimum requirements for the construction of plain concrete parking lots on grade.

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**BSR/ACI 347R, Guide to Formwork for Concrete (new standard)**

Objectives of safety, quality, and economy are given priority in these guidelines for formwork. A section on contract documents explains the kind and amount of specification guidance the facility engineer/architect should provide for the contractor. The remainder of the report advises the formwork engineer/contractor on the best ways to meet the specification requirements safely and economically. Separate chapters deal with design, construction, and materials for formwork. Considerations peculiar to architectural concrete are also outlined in a separate chapter. Other sections are devoted to formwork for bridges, shells, mass concrete, and underground work. The concluding chapter on formwork for special methods of construction includes slipforming, preplaced aggregate concrete, tremie concrete, precast, and prestressed concrete.

Single copy price: \$15.00

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**BSR/ACI 349 Appendix B, Code Requirements for Nuclear Safety Related Concrete Structures, Appendix B, Anchoring to Concrete (new standard)**

ACI 349 Appendix B was developed in the mid 1970s following review of design methods and available test data. Since that time there has been extensive additional test data. In 1992, a task group was formed to compare the Appendix B methodology to that of the Concrete Capacity Design (CCD) Method for all available tests results. The review indicated that concrete breakout failures were predicted better (for example, for bolt groups, and edge conditions) by the new prediction equations in the Concrete Capacity Design Method than by the current design method of Appendix B.

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**BSR/ACI 350/350R, Code Requirements for Environmental Engineering Concrete Structures and Commentary (new standard)**

The code portion of this document covers the structural design, materials selection, and construction of environmental engineering concrete structures. Such structures are used for conveying, storing, or treating liquid, wastewater, or other materials, such as solid waste. They include ancillary structures for dams, spillways, and channels. Loadings include normal dead and live loads and vibrating equipment or hydrodynamic forces. Exposures include concentrated chemicals, alternate wetting and drying, and freezing and thawing of saturated concrete. Serviceability requirements include liquid-tightness or gas-tightness.

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**BSR/ACI 350.1/350.1R, Tightness Testing of Environmental Engineering Concrete Structures and Commentary (new standard)**

This standard gives methods and criteria for tightness testing of environmental engineering concrete structures. It is applicable to liquid and gas containment structures constructed with concrete or a combination of concrete and other materials. It includes hydrostatic, surcharged hydrostatic, and pneumatic tests.

Single copy price: \$15.00

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**BSR/ACI 350.3/350.3R, Design of Liquid-Containing Concrete Structures and Commentary (new standard)**

This standard practice prescribes procedures for the seismic analysis and design of liquid-containing concrete structures. The seismic subcommittee's work was guided by two main objectives: (a) To produce a self-contained set of procedures that would enable a practicing engineer to perform a full seismic analysis and design of a liquid-containing structure. This meant that these procedures should cover both aspects of seismic design: the "loading side" (namely the determination of the seismic loads based on the seismic zone of the site, the specified effective ground acceleration, and the geometry of the structure), and the "resistance side" (the detailed design of the structure in accordance with the provisions of the code, so as to safely resist those loads). (b) To establish the scope of the new procedures consistent with the overall scope of ACI 350. This required the inclusion of all types of tanks - rectangular, as well as circular; and reinforced concrete, as well as prestressed.

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**BSR/ACI 355.2, Provisional Test Method for Evaluating the Performance of Post-Installed Mechanical Anchors in Concrete (new standard)**

ACI 355.2 prescribes testing programs and evaluation requirements for post-installed mechanical anchors intended for use in concrete under the design provisions of ACI 318. Criteria are prescribed for determining whether anchors are acceptable for use in uncracked concrete only, or in cracked as well as uncracked concrete. Performance categories for anchors are established, as are the criteria for assigning anchors to each category. The anchor performance categories are used by ACI 318 to assign capacity reduction factors and other design parameters.

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**BSR/ACI 548.4-93, Standard Specification for Latex-Modified (LMC) Concrete Overlays (new standard)**

This specification covers styrene butadiene latex-modified concrete as an overlay on concrete bridge decks; it applies to both new construction and rehabilitation of existing decks. It includes certification requirements of the latex products, storage, handling, surface preparation, mixing, application, and limitations. This specification covers styrene butadiene latex-modified concrete as an overlay on concrete bridge decks; it applies to both new construction and rehabilitation of existing decks. It includes certification requirements of the latex products, storage, handling, surface preparation, mixing, application, and limitations.

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**CONCRETE STRUCTURES****BSR/ACI 349, Code Requirements for Nuclear Safety Related Concrete Structures (ACI 349-85) and Commentary (ACI 349R-85) (new standard)**

This publication covers the proper design and construction of concrete structures which form part of a nuclear power plant and which have nuclear safety-related functions. It does not cover concrete reactor vessels and concrete containment structures.

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**ELECTRONICS**

BSR/IPC 2547, Sectional Requirements for Electronics Manufacturing Test Inspection and Rework Station (new standard)

This standard establishes requirements and other considerations for the interchange of information between shop floor electronic inspection and test equipment and factory information systems. Information may consist of attribute and parametric data, product data, fixture files, test vectors, equipment monitoring and control, resource utilization, image data, test and inspection program sets, test event data.

Single copy price: Free

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**EPOXY**

BSR/ACI 503.1-92; 503.2-92; 503.3-92; 503.4-92, Four Epoxy Specifications (new standard)

This publication includes the following documents: Standard Specifications for Bonding Hardened Concrete Steel, Wood, Brick, and Other Materials to Hardened Concrete with a Multi-Component Epoxy Adhesive (503.1-92) (Reapproved 1997); Standard Specification for Bonding Plastic Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive (503.2-92) (Reapproved 1997); Standard Specification for Producing a Skid-resistant Surface on Concrete by the Use of a Multi-Component Epoxy System (503.3-92) (Reapproved 1997); and Standard Specification for Repairing Concrete with Epoxy Mortars (503.4-92) (Reapproved 1997).

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**FIRE PROTECTION**

BSR/UL 2167, Standard for Safety for Water Mist Nozzles for Fire-Protection Service (new standard)

This Standard contains requirements for water mist nozzles for use with water mist fire-protection systems intended for the protection of residential, light and ordinary hazard areas as well as shipboard machinery, control spaces, service areas, and public spaces. This Standard is intended to address minimum fire-protection performance, construction, and marking requirements for water mist nozzles.

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Send comments (with copy to BSR) to: Carol Chudy, UL-NC;

[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

**FLASHLIGHTS**

BSR/UL 783, Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations (revision of ANSI/UL 783-1993)

These requirements cover battery-operated flashlights and lanterns for use in hazardous locations, Class I, Division 1, Groups A, B, C and D; Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups F and G; and Class II, Division 2, Groups F and G in accordance with the National Electrical Code, NFPA 70. These requirements apply to complete products with self-contained batteries, and include products consisting of a battery pack assembly and light assembly with interconnecting flexible cord. These requirements do not cover flashlights and lanterns of the explosion-proof type or other type of construction providing protection against ignition of flammable gas- or vapor-air atmospheres. Flashlights and lanterns that are intrinsically safe for Class I, Division 1 are covered by the Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations, UL 913. Flashlights designed for Zones 0, 1, and 2 are covered by Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations, UL 2279. These requirements cover equipment for use under the following atmospheric conditions: (a) A minimum ambient temperature of minus 25C (minus 13F); (b) An oxygen concentration not greater than 21 percent by volume; and (c) A nominal barometric pressure of one atmosphere.

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[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

**HUMIDIFIERS**

BSR/UL 998, Standard for Safety for Humidifiers (revision of ANSI/UL 998-1992)

These requirements cover humidifiers rated 600 V or less, and intended to be used in accordance with the National Electrical Code (NEC), ANSI/NFPA 70, and the Rules of the Canadian Electrical Code (CEC), Part 1, C22.1. These requirements cover humidifiers intended for residential and commercial use. This includes humidifiers of the centrifugal atomizing type, evaporative-media type, water-injection type, steam type, and the like. The humidifiers may be for installation in a room, mounted on a wall or a ceiling, or for duct or plenum mounting. These requirements apply to equipment that includes an electric heating element to heat air or water, or both.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Underwriters Laboratories, Inc.  
Attention: Mr. Derrick L. C. Martin 1655 Scott Blvd. Santa Clara, CA 95050

**IDENTIFICATION CARDS**

BSR/ISO/IEC 11694-4:2001, Identification cards - Optical memory cards - Linear recording method - Part 4: Logical data structures (new national adoption)

This part of ISO/IEC 11694 specifies the logical data structures for optical memory cards necessary to allow compatibility and interchange between systems using the linear recording method.

Single copy price: \$84.00

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[bbennett@itic.org](mailto:bbennett@itic.org)

BSR/ISO/IEC 15457-1:2001, Identification cards - Thin flexible cards -  
Part 1: Physical characteristics (new national adoption)

Thin flexible cards, the subject of this International Standard, are used to automate the controls for access to goods or services such as mass transit, highway toll systems, car parks, vouchers, stored value, etc. For these applications, data can be written and/or read by machines using various recording techniques such as magnetic stripe, optical character recognition (OCR), bar code, etc. This part of ISO/IEC 15457 specifies the physical characteristics of thin flexible cards at two points in the card life cycle: 1. at the point of loading into the card issuing equipment; 2. at the point of issue to the public. It takes into consideration both human and machine aspects and states the minimum requirements. The principal card sizes are identified and the characteristics and dimensions are specified. Guidance concerning the storage and use of cards under various environmental conditions is given.

Single copy price: \$72.00

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BSR/ISO/IEC 15457-2:2001, Identification cards - Thin flexible cards -  
Part 2: Magnetic recording techniques (new national adoption)

Thin flexible cards, the subject of this International Standard, are used to automate the controls for access to goods or services such as mass transit, highway toll systems, car parks, vouchers, stored value, etc. For these applications, data can be written and/or read by machines using various recording techniques such as magnetic stripe, optical character recognition (OCR), bar code, etc. This part of ISO/IEC 15457 specifies the magnetic stripe and encoding characteristics of thin flexible cards at two points in the card life cycle: 1. at the point of loading into the card issuing equipment; 2. at the point of issue to the public. Guidance concerning the storage and usage of finished cards (including magnetic stripe cards) under various environmental conditions is given in ISO/IEC 15457-1.

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## INFORMATION TECHNOLOGY

BSR/ISO/IEC 13660:2001, Information technology - Office equipment -  
Measurement of image quality attributes for hardcopy output Binary monochrome text and graphic images (new national adoption)

This International Standard specifies device-independent image quality attributes, measurement methods, and analytical procedures to describe the quality of output images from hardcopy devices. This International Standard is applicable to human-readable documents composed of binary monochrome images produced from impact printers, non-impact printers, and copiers. The attributes, methods, and procedures rely on intrinsic properties of the image. Targets or reference images are not required. The International Standard is not applicable to images on media other than hardcopy (e.g. images on a VDT) or to images that are intended to be machine readable only (e.g. bar codes). This International Standard is not intended to apply to pictorial art. It is optimized for black colourant forming the image on a white substrate; it is not intended to be used for dropped out or reversed type or for transparencies. The evaluation of an image with any other colour of colourant or substrate will be sensitive to changes in illumination. In this case, the procedures of this International Standard may not be applicable and should be used with caution.

Single copy price: \$72.00

Obtain an electronic copy from:  
<http://webstore.ansi.org/ansidocstore/find.asp?>

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: Barbara Bennett, ITI (NCITS):  
[bbennett@itic.org](mailto:bbennett@itic.org)

## LIGHTING

BSR/UL 1598, Standard for Safety for Luminaires (new standard)

This Standard applies to Luminaires for use in non-hazardous locations that are intended for installation on branch circuits of 600 V nominal or less between conductors in accordance with the Canadian Electrical Code, Part I (CE Code, Part I), and the "American National Standard National Electrical Code," ANSI/NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <http://www.comm-2000.com>  
Order from: comm2000  
Send comments (with copy to BSR) to: Carol Chudy, UL-NC;  
[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

BSR/UL 1598A, Supplemental Requirements for Luminaires for  
Installation on Marine Vessels (new standard)

These requirements are supplementary to other applicable requirements in the Standard for Luminaires, UL 1598. Clause references in this supplement that are in italics are references to clauses in the Standard for Luminaires, UL 1598. These requirements apply to luminaires for installation on marine vessels utilizing grounded systems in accordance with the United States Coast Guard Electrical Engineering Regulations 46 CFR, Parts 110 - 113, Subchapter J and, insofar as it applies, the "American National Standard National Electrical Code," ANSI/NFPA 70, and the Recommended Practice for Electrical Installations on Shipboard, IEEE 45. These requirements do not apply to marine lighting luminaires for use in hazardous locations, as defined in the "American National Standard National Electrical Code," ANSI/NFPA 70, emergency lighting marine luminaires, or low voltage marine luminaires (less than 50 volts) supplied solely by a battery, transformer, converter, or similar power supply source.

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: Carol Chudy, UL-NC;  
[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

BSR/UL 1598B, Supplemental Requirements for Luminaire Reflector Kits  
for Installation on Previously Installed Fluorescent Luminaires (new standard)

This Standard applies to reflector kits that consist of one or more components that are intended to be installed in fluorescent Luminaires sometime after the initial installation of the luminaire. These requirements are supplementary to the other applicable requirements in the "Standard for Luminaires," UL 1598. The components of a reflector kit are reflectors, ballasts, lampholders, wiring, brackets, wire connectors, or similar items. References to requirements in the Standard for Luminaires, UL 1598 are in italics for easy identification.

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: Carol Chudy, UL-NC;  
[Carol.A.Chudy@us.ul.com](mailto:Carol.A.Chudy@us.ul.com)

## MACHINE TOOLS

BSR B11.22, Safety Requirements for Numerically Controlled Turning  
Machines (new standard)

This standard is part of the ANSI B11 series of machine tool safety standards and pertains to the safety requirements for turning centers and automatic numerically controlled turning machines as described in the document. It is limited to the requirements of safeguarding of personnel, installation, verification, operation, maintenance, training, and documentation for individual machines.

Single copy price: Free

Obtain an electronic copy from: [dsights@mfgtech.org](mailto:dsights@mfgtech.org)  
Order from: Deedra Sights, AMT (ASC B11); [dsights@mfgtech.org](mailto:dsights@mfgtech.org) or  
(800) 524-0475  
Send comments (with copy to BSR) to: Anthony M. Bratkovich, AMT  
(ASC B11); [tbratkovich@mfgtech.org](mailto:tbratkovich@mfgtech.org)

**BSR B11.23, Safety Requirements for Machining Centers (new standard)**

This standard is part of the ANSI B11 series of machine tool safety standards and pertains to the safety requirements for machining centers and automatic numerically controlled milling, drilling and boring machines as described in the document. It is limited to the requirements of safeguarding of personnel, installation, verification, operation, maintenance, training, and documentation for individual machines.

Single copy price: Free

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

Order from: Deedra Sights, AMT (ASC B11); [dsights@mfgtech.org](mailto:dsights@mfgtech.org) or (800) 524-0475

Send comments (with copy to BSR) to: Anthony M. Bratkovich, AMT (ASC B11); [tbratkovich@mfgtech.org](mailto:tbratkovich@mfgtech.org)

**BSR B11.24, Safety Requirements for Transfer Machines (new standard)**

This standard is part of the ANSI B11 series of machine tool safety standards and pertains to the safety requirements for transfer machines as described in the document. It is limited to the requirements of safeguarding of personnel, installation, verification, operation, maintenance, training, and documentation for individual machines.

Single copy price: Free

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

Order from: Deedra Sights, AMT (ASC B11); [dsights@mfgtech.org](mailto:dsights@mfgtech.org) or (800) 524-0475

Send comments (with copy to BSR) to: Anthony M. Bratkovich, AMT (ASC B11); [tbratkovich@mfgtech.org](mailto:tbratkovich@mfgtech.org)

**NUCLEAR POWER PLANTS****BSR/ASME RA-S-20XX, Probabilistic Risk Assessment for Nuclear Power Plant Applications (new standard)**

This Standard sets forth requirements for probabilistic risk assessments (PRAs) used to support risk-informed decisions for commercial nuclear power plants, and prescribes a method for applying these requirements for specific applications.

Single copy price: \$30.00

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

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

Send comments (with copy to BSR) to: Gerald Eisenberg, ASME; [eisenbergg@asme.org](mailto:eisenbergg@asme.org)

**PIERS****BSR/ACI 336.1, Specification for the Construction of Drilled Piers (new standard)**

This reference specification covers requirements for drilled-pier construction and applies to drilled piers of 30 in. (750 mm) diameter and larger. It includes delivery, handling, and storage of the casing, excavation, soil testing, placing of concrete and reinforcing steel, and inspection. Drilled piers are sometimes called drilled shafts, caissons, or bored piles. The contractor shall submit proposed installation methods to the owner's representative - geotechnical engineer. Methods compatible with the design intent, as determined by the owner's representative-geotechnical engineer, will be accepted. Methods that are not compatible with the design intent will be rejected.

Single copy price: \$15.00

Obtain an electronic copy from: [www.aci-int.org](http://www.aci-int.org)

Order from: ACI, Attn: Member Services; (248) 848-3808

Send comments (with copy to BSR) to: Same

**PIPE****BSR/ACI 346, Specification for Cast-in-Place Concrete Pipe (new standard)**

This document must be used in conjunction with ACI 301. Inclusion of this document in a project specification, with mandatory checklist items, will provide necessary default values for mandatory checklist items in ACI 301. This specification covers construction of cast-in-place concrete pipe (CIPCP). This specification is not valid for pipe with a diameter over 120 in.

Single copy price: \$15.00

Obtain an electronic copy from: [www.aci-int.org](http://www.aci-int.org)

Order from: ACI, Attn: Member Services; (248) 848-3808

Send comments (with copy to BSR) to: Same

**REINFORCEMENT****BSR/ACI 408.1-01, Splice and Development Length of High Relative Rib Area Reinforcing Bars in Tension (new standard)**

This standard helps designers take advantage of the improved bond characteristics of high relative rib area deformed reinforcement. This type of reinforcement can be produced by increasing rib height, decreasing rib spacing, or employing a combination of the two.

Single copy price: \$15.00

Obtain an electronic copy from: [www.aci-int.org](http://www.aci-int.org)

Order from: ACI, Attn: Member Services; (248) 848-3808

Send comments (with copy to BSR) to: Same

**SHOTCRETE****BSR/ACI 506.2-95, Specification for Shotcrete (new standard)**

This specification, which is written in the three-part CSI format, covers materials, proportioning, and the application of shotcrete. This specification, which is written in the three-part CSI format, covers materials, proportioning, and the application of shotcrete.

Single copy price: \$15.00

Obtain an electronic copy from: [www.aci-int.org](http://www.aci-int.org)

Order from: ACI, Attn: Member Services; (248) 848-3808

Send comments (with copy to BSR) to: Same

**TELECOMMUNICATIONS****BSR/TIA/EIA 637-B, Short Message Services for Spread Spectrum Systems (revision of ANSI/TIA/EIA 637-A-1999)**

This standard allows the exchange of short messages between a mobile station and the wireless system, and between the wireless system and an external device capable of transmitting and optionally receiving short messages. It also provides for the broadcast of messages.

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

Order from: Global Engineering Documents, Global Engineering Documents; (800) 854-7179

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

**WATER****BSR/NSF 61 (i4r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)**

Issue 4 - Annex B, section B.3

Single copy price: \$35.00

Obtain an electronic copy from: [www.nsf.org/publications](http://www.nsf.org/publications)

Order from: Techstreet, Attn: NSF Publications; [service@techstreet.com](mailto:service@techstreet.com)

Send comments (with copy to BSR) to: Gayle Smith, c/o Monica Leslie; [leslie@nsf.org](mailto:leslie@nsf.org)

**BSR/NSF 61 (i24r4), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)**

Issue 24 - Section 3 and Annexes B and C.

Single copy price: \$35.00

Obtain an electronic copy from: [www.nsf.org/publications](http://www.nsf.org/publications)

Order from: Techstreet, Attn: NSF Publications; [service@techstreet.com](mailto:service@techstreet.com)

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**WATER TREATMENT**

BSR/NSF 60 (i15r3), Drinking Water Treatment Chemicals Health Effects (revision of ANSI/NSF 60-2000)

Issue 15 - Annexes B and C.

Single copy price: \$35.00

Obtain an electronic copy from: [www.nsf.org/publications](http://www.nsf.org/publications)

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Send comments (with copy to BSR) to: Gayle Smith, c/o Monica Leslie; [leslie@nsf.org](mailto:leslie@nsf.org)

**WIRE AND CABLE**

BSR/UL 44, Rubber-Insulated Wires and Cables (revision of ANSI/UL 44-1999)

These requirements cover 14 - 4/0 AWG and 213 - 2000 kcmil sizes of Types XHHW-2, XHHW, XHH, RHW-2, RHH, RHW, SIS, and SA for use in accordance with Article 310 and other applicable parts of the National Electrical Code. Deep-well pump cables and other multiple-conductor assemblies to which a type letter designation is not assigned are included in these requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

**ASTM Standards**

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

**GARMENTS, PROTECTIVE**

BSR/ASTM F1002, Performance Specification for Protective Clothing for Use by Workers Exposed to Specific Molten Substances and Related Thermal Hazards (reaffirmation of ANSI/ASTM F1002)

Single copy price: \$25.00

BSR/ASTM F1731-00, Practice for Body Measurements and Sizing of Fire and Rescue Services Uniforms and Other Thermal Hazard (reaffirmation of ANSI/ASTM F1731-00)

Single copy price: \$30.00

**MEDICAL MATERIEL**

BSR/ASTM Z9227Z, ISO 5361, Anaesthetic and Respiratory Equipment - Tracheal Tubes and Connectors (new national adoption)

Single copy price: \$40.00

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

**MONITORS**

BSR/ASTM Z8498Z, Specification for Particular Requirements for Nitric Oxide Monitors (new standard)

Single copy price: \$40.00

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

BSR/ASTM Z8885Z, Specification for Particular Requirements for Nitrogen Dioxide Monitors (new standard)

Single copy price: \$40.00

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

BSR/ASTM Z9225Z, ISO 7767, Oxygen Monitors for Monitoring Patient Breathing Mixtures - Safety Requirements (new national adoption)

Single copy price: \$40.00

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

**Comment Deadline: February 12, 2002**

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

**APPLIANCES, GAS-BURNING**

BSR Z21.60a-2000, Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces (reaffirmation of ANSI Z21.60a-2000)

This standard applies to decorative appliances for installation in solid-fuel burning fireplaces, which are constructed entirely of new, unused parts and materials, for use with natural gas and propane. Decorative appliances are not thermostatically controlled.

Single copy price: \$34.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);

[al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.5.1 (3rd edition), Domestic Gas Clothes Dryers - Volume I, Type 1 Clothes Dryers, 3rd edition (same as CSA 7.1) (revision, redesignation and consolidation of ANSI Z21.5.1-1999, ANSI Z21.5.1a-1999 and ANSI Z21.5.1b)

Details test and examination criteria for Type 1 clothes dryers for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures

Single copy price: \$50.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);

[al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

Send comments (with copy to BSR) to: Same

**DOORS**

BSR A250.7, Nomenclature for Standard Steel Doors and Steel Door Frames (reaffirmation of ANSI A250.7-1997)

This standard serves to provide a comprehensive list of terms and definitions utilized in the manufacture and installation of standard steel doors and frames.

Single copy price: \$18.00 non-member; \$1.50 member

Order from: SDI (ASC A250), Attn: Publications Department

Send comments (with copy to BSR) to: Same

**ENTERTAINMENT TECHNOLOGY**

BSR E1.5, Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Tri-hydric Alcohols (new standard)

The project is to describe the composition of theatrical fogs that are not likely to be harmful to otherwise healthy performers, audience members, or technicians of normal working age. The project is limited to those fogs made from a solution of water and one or more dihydric or trihydric alcohols.

Single copy price: Free

Obtain an electronic copy from: <http://www.esta.org/tsp/E1-5inst.htm>

Order from: Karl Ruling, ESTA (ASC E1); [kruling@esta.org](mailto:kruling@esta.org)

Send comments (with copy to BSR) to: Same

BSR E1.6, Entertainment Technology - Powered Flying Systems (new standard)

The document establishes a standard practice for grounding contact assignment for the cable to ballast connection on detachable power cables used on 6kW, 12kW and 18kW metal-halide ballasts in the motion picture and television industries on portable studio luminaires.

Single copy price: Free

Obtain an electronic copy from: <http://www.esta.org/tsp/E1-16inst.htm>

Order from: Karl Ruling, ESTA (ASC E1); [kruling@esta.org](mailto:kruling@esta.org)

Send comments (with copy to BSR) to: Same

BSR E1.16, Entertainment Technology - Configuration Standard for Metal-Halide Ballast Power Cables (new standard)

The document establishes a standard practice for grounding contact assignment for the cable to ballast connection on detachable power cables used on 6kW, 12kW and 18kW metal-halide ballasts in the motion picture and television industries on portable studio luminaires.

Single copy price: Free

Obtain an electronic copy from: <http://www.esta.org/tsp/E1-16inst.htm>

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

## FIREPLACES

- ★ BSR Z21.60a, Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces (same as CSA 2.26a) (supplement to ANSI Z21.60-1996)

This standard applies to decorative appliances for installation in solid-fuel burning fireplaces, which are constructed entirely of new, unused parts and materials, for use with natural gas and propane. Decorative appliances are not thermostatically controlled.

Single copy price: \$34.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)  
Send comments (with copy to BSR) to: Same

## LIGHTING

- ★ BSR Z21.73b, Portable Type Gas Camp Lights (same as CSA 11.1b) (supplement to ANSI Z21.73-2000 and ANSI Z21.73a)

Details test and examination criteria for portable type gas camp lights for use with propane, butane and liquefied petroleum gases and mixtures thereof, and intended for outdoor use only. This standard applies to lights directly connected to the fuel container where the fuel supply for a lantern is limited to one cylinder of not more than 75 cubic inches.

Single copy price: \$35.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)  
Send comments (with copy to BSR) to: Same

## MEDICAL MATERIEL

BSR/AAMI RD47, Reuse of Hemodialyzers (revision of ANSI/AAMI RD47-1993)

This recommended practice is addressed to the physician responsible for reprocessing hemodialyzers.

Single copy price: \$25.00 + \$5.00 postage/handling (\$20.00 for AAMI members, plus p./h.)

Order from: AAMI (Attn: Customer Service), order code RD47-D  
Send comments (with copy to BSR) to: Paul Balcer, AAMI;  
[paul\\_balcer@aami.org](mailto:paul_balcer@aami.org)

## METERS

BSR/AWWA C712, Cold-Water Meters-Singlejet Type (new standard)

This standard describes the various types and classes of cold-water, singlejet meters in sizes 2 in. (40 mm) through 6 in. (150 mm) for water utilities' customer service and the materials and workmanship employed in their fabrication. These meters register by recording the revolutions of rotor set in motion by the force of flowing water striking the blades.

Single copy price: \$5.00

Order from: John Wilber, AWWA; [jwilber@awwa.org](mailto:jwilber@awwa.org)  
Send comments (with copy to BSR) to: Same

## PHOTOGRAPHY - CHEMICALS

- ★ BSR/NAPM IT4.99-1996, Photography - Photographic-Grade Chemicals - Test Methods (reaffirmation of ANSI/NAPM IT4.99-1996)

This standard deals with photographic-grade chemicals and their test methods.

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: James Peyton, I3A;  
[i3astds@i3a.org](mailto:i3astds@i3a.org)

## PHOTOGRAPHY - PROCESSING

BSR/PIMA IT4.44-1998, Photography (Processing) - Effluents - Determination of Hydroquinone (withdrawal of ANSI/PIMA IT4.44-1998)

This standard specifies a spectrophotometric method for the determination of hydroquinone in photographic processing waste.

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: James Peyton, I3A;  
[i3astds@i3a.org](mailto:i3astds@i3a.org)

BSR/PIMA IT4.46-1998, Photography - Processing Waste - Determination of Boron (withdrawal of ANSI/PIMA IT4.46-1998)

This standard specifies two methods for the determination of boron in photographic processing wastes.

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: James Peyton, I3A;  
[i3astds@i3a.org](mailto:i3astds@i3a.org)

BSR/PIMA IT4.47-1998, Photography (Processing) - Effluents - Determination of Total Amino Nitrogen - Microdiffusion Kjeldahl Method (withdrawal of ANSI/PIMA IT4.47-1998)

This standard specifies a method for the determination of the total organic nitrogen, as well as any ammoniacal nitrogen, present in photographic processing wastes by the Kjeldahl method.

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: James Peyton, I3A;  
[i3astds@i3a.org](mailto:i3astds@i3a.org)

BSR/PIMA IT4.48-1998, Photography (Processing) - Effluents - Determination of Ammoniacal Nitrogen Content - Microdiffusion Method (withdrawal of ANSI/PIMA IT4.48-1998)

This standard specifies a method for the determination of ammonia and other volatile amines that can be liberated from photographic processing wastes by storing alkali, the results being expressed in terms of nitrogen.

Order from: Global Engineering Documents  
Send comments (with copy to BSR) to: James Peyton, I3A;  
[i3astds@i3a.org](mailto:i3astds@i3a.org)

## STOVES

- ★ BSR Z21.72b, Portable Type Gas Camp Stoves (same as CSA 11.2b) (supplement to ANSI Z21.72-2000 and ANSI Z21.72a)

Details test and examination criteria for portable type gas camp stoves, having ratings of 12,000 Btu per hour or less per burner for use with propane, butane and liquefied petroleum gases and mixtures thereof, and intended for outdoor use only. This standard applies to stoves directly connected to the fuel container where the fuel supply for a stove is limited to one cylinder of not more than 75 cubic inches.

Single copy price: \$35.00

Order from: Allen J. Callahan, CSA (ASC Z21/83);  
[al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)  
Send comments (with copy to BSR) to: Same

## TELECOMMUNICATIONS

BSR/ICEA S-89-648, ICEA Standard for Aerial Service Wire (new standard)

This standard covers material, mechanical and electrical requirements for Aerial Service Wire (ASW) intended for use principally in extending a telephone circuit from a distribution cable terminal to a subscriber's station protector.

Single copy price: \$80.00

Order from: Global Engineering Documents; (800) 854-7179  
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and [and\\_moldoveanu@nema.org](mailto:and_moldoveanu@nema.org)

BSR/ICEA S-101-699, Category 3 Individually Unshielded Twisted Pair Indoor Cable For Use In General Purpose Non-LAN Telecommunications Wiring Systems Technical Requirement (new standard)

This standard covers mechanical, electrical and flammability requirements for thermoplastic insulated and jacketed, copper conductor, inside wiring cables intended primarily for general purpose communication applications in telephone company central offices or on consumer premises in non-LAN (Local Area Network) applications.

Single copy price: \$50.00

Order from: Global Engineering Documents; (800) 854-7179  
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and\_moldoveanu@nema.org

BSR/ICEA T-27-465/NEMA WC 54, Guide for Frequency of Sampling Extruded Dielectric Power, Control, Instrumentation, and Portable Cables for Test (new standard)

The guide provides a combination of plans for the frequencies at which cable samples may be obtained for tests to determine conformance to the appropriate requirements of ICEA Standards Publications. This guide applies only to extruded dielectric power, control, instrumentation, and portable cables.

Single copy price: \$26.00

Order from: Global Engineering Documents; (800) 854-7179  
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and\_moldoveanu@nema.org

## WIRE

BSR/SCTE 29, Torque Requirements for Bond Wire Penetration of Bonding Set Screw (new standard)

This test procedure is to determine the mechanical force needed to penetrate bonding wire to the appropriate depth. Bonding wire penetration should be less than 25% of wire O.D.

Single copy price: \$25.00 Members; \$50.00 Nonmembers

Order from: Stephen Oksala, SCTE; soksala@scte.org  
Send comments (with copy to BSR) to: Same

# Announcement of Administrative Withdrawal of American National Standards

The following standards have been administratively withdrawn due to overage in accordance with clause 4.4 Maintenance of American National Standards of the ANSI Procedures for the Development and Coordination of American National Standards (ANSI Procedures).

An administrative withdrawal does not invalidate any ongoing revision or reaffirmation activity that might be underway but that cannot conclude by a standard's tenth anniversary date of its approval as an American National Standard (ANS). Rather, the effect is that should a standard be submitted for approval as an American National Standard after it has been administratively withdrawn, it would have to be submitted and approved as a "new" American National Standard, and not a revision of or reaffirmation to an existing American National Standard.

Questions may be directed to psa@ansi.org or via fax to the PSA Department at 212-730-1346.

ANSI/EIA/TIA 455-164-1991, Single-Mode Fiber Measurement of Mode Field Diameter by Far-Field Scanning

## Project Withdrawn from Consideration

BSR/ACI 216.1-97, Standard Method for Determining the Fire Resistance of Concrete and Masonry Construction is being withdrawn from consideration at this time.

# ANSI Technical Reports

ANSI Technical Reports are not consensus documents. Rather, all material contained in ANSI Technical Reports is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036

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## Announcement of Intent to Register

**Comment Deadline: January 13, 2002**

### INFORMATION TECHNOLOGY

ISO/IEC TR 13335-5:2001, Information Technology - Guidelines for the Management of IT Security - Part 5:

Provides guidance with respect to networks and communications to those responsible for the management of IT security. This guidance supports the identification and analysis of the communications related factors that should be taken into account to establish network security requirements. This part of ISO/IEC TR 13335 builds upon Part 4 of this Technical Report by providing an introduction on how to identify appropriate safeguard areas with respect to security associated with connections to communications networks. It is not within the scope of this TR to provide advice on the detailed design and implementation aspects of the technical safeguard areas. That advice will be dealt with in future ISO documents.

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Send comments (with copy to BSR) to: Barbara Bennett, ITI (NCITS);  
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# Call for Comment Contact Information

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

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# Final actions on American National Standards

ANSI's Board of Standards Review has taken the final action indicated on the standards listed below.

## APPLIANCES, GAS-BURNING

- ★ ANSI Z21.60-1996 (R2001), Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces (same as CSA 2.26-M96) (reaffirmation of ANSI Z21.60-1996): 11/20/2001
- ANSI Z21.66-1996 (R2001), Automatic Vent Damper Devices for Use with Gas-Fired Appliances (same as CSA 6.14-M96) (reaffirmation of ANSI Z21.66-1996): 11/20/2001

## CABLES, POWER

ANSI/NEMA WC 74/ICEA S-93-639-2000, 5-46kV Shielded Power Cable for Use in the Transmission and Distribution of Electric Energy (new standard): 11/20/2001

## COUPLINGS

- ANSI/AGMA 9000-C90 (R01), Flexible Couplings - Potential Unbalance Classification (reaffirmation of ANSI/AGMA 9000-C90 (R1996)): 11/20/2001
- ANSI/AGMA 9002-A86 (R01), Bores and Keyways for Flexible Couplings (Inch Series) (reaffirmation of ANSI/AGMA 9002-A86 (R1995)): 11/20/2001

## ELECTRICITY

ANSI/TIA/EIA 423-B-1995 (R2001), Electrical Characteristics of Unbalanced Voltage Digital Interface Circuits (reaffirmation of ANSI/TIA/EIA 423-B-1995): 11/20/2001

## ELECTRONICS

- ANSI/IPC 2541-2001, Generic Requirements for Electronics Manufacturing Shop Floor Equipment Communication (CAMX) (new standard): 11/20/2001
- ANSI/IPC 2571-2001, Generic Requirements for Electronics Manufacturing Supply Chain Communication - Product Data eXchange (PDX) (new standard): 11/20/2001
- ANSI/IPC 2576-2001, Sectional Requirements for Electronics Manufacturing Supply Chain Communication of As-Built Product Data - Product Data eXchange (PDX) (new standard): 11/10/2001
- ANSI/IPC 2578-2001, Sectional Requirements for Supply Chain Communication of Bill of Material and Product Design Configuration Data - Product Data eXchange (new standard): 11/20/2001

## ELEVATORS

ANSI/ASME QE1-1a-2001, Qualification of Elevator Inspectors (revision of ANSI/ASME QE1-1-2001): 11/20/2001

## FIBER OPTICS

- ANSI/TIA/EIA 455-73-1997 (R2001), Procedure for Assessing Temperature and Humidity Cycling Exposure Effect on Mechanical Characteristics of Optical Fiber (reaffirmation of ANSI/TIA/EIA 455-73-1997): 11/20/2001
- ANSI/TIA/EIA 598-B-2001, Optical Fiber Cable Color Coding (revision of ANSI/TIA/EIA 598A-1994): 11/20/2001

## FINANCIAL SERVICES

ANSI X9.63-2001, Key Agreement and Key Management Using Elliptic Curve-Based Cryptography (new standard): 11/20/2010

## FITTINGS, FLANGES AND VALVES

ANSI/AWWA C208-01, Fabricated Steel Water Pipe Fittings, Dimensions (revision of ANSI/AWWA C208-96): 11/20/2001

ANSI/AWWA C550-01, Protective Epoxy Interior Coatings for Valves and Hydrants (revision of ANSI/AWWA C550-90): 11/20/2001

## FUSES AND HOLDERS

ANSI/EIA 772-2001, Users Application Guide to Fuses (new standard): 11/20/2001

## GEARS

- ANSI/AGMA 2008-C01, Assembling Bevel Gears (revision of ANSI/AGMA 2008-B90 (R1996)): 11/20/2001
- ANSI/AGMA 2009-B01, Bevel Gear Classification, Tolerances and Measuring Methods (revision of ANSI/AGMA 2009-A99): 11/20/2001

## IDENTIFICATION CARDS

- ANSI/ISO/IEC 10373-6:2001, Identification Cards - Test Methods - Part 6: Proximity Cards (new national adoption): 11/20/2001
- ANSI/ISO/IEC 10373-7:2001, Identification Cards - Test Methods - Part 7: Vicinity Cards (new national adoption): 11/20/2001

## INFORMATION SYSTEMS - DATA COMMUNICATION

ANSI X3.223-1995 (R2001), Information Technology - Data Compression Algorithm - Adaptive Coding with Embedded Dictionary (DCLZ Algorithm) for Information Interchange (reaffirmation of ANSI X3.223-1995): 11/20/2001

## INFORMATION TECHNOLOGY

- ANSI X3.14-1983 (R2001), Recorded Magnetic Tape for Information Interchange (200 CPI, NRZI) (reaffirmation of ANSI X3.14-1983 (R1996)): 11/20/2001
- ANSI X3.22-1983 (R2001), Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI) (reaffirmation of ANSI X3.22-1983 (R1996)): 11/20/2001
- ANSI X3.82-1980 (R2001), Cartridge, One-Sided Single-Density Unformatted 5.25 Inch Flexible Disk (reaffirmation of ANSI X3.82-1980 (R1996)): 11/20/2001
- ANSI X3.103-1983 (R2001), Unrecorded Magnetic Tape Mini-Cassette for Information Interchange, Coplanar 3.81 mm (0.150 in) (reaffirmation of ANSI X3.103-1983 (R1996)): 11/20/2001
- ANSI X3.121-1984 (R2001), Two-Sided Unformatted 8-Inch (200-mm) Double Density Flexible Disk Cartridge, General, Physical, and Magnetic Requirements (for 13,262 FTPR Two-Headed Application) (reaffirmation of ANSI X3.121-1984 (R1996)): 11/20/2001
- ANSI X3.125-1985 (R2001), Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 48 Tracks per Inch (1.9 Tracks per mm) Flexible Disk Cartridge, General, Physical, and Magnetic Requirements (for 7958 BPR use) (reaffirmation of ANSI X3.125-1985 (R1996)): 11/20/2001
- ANSI X3.164-1990 (R2001), Unrecorded Magnetic Tape for Information Interchange 3.81 mm (0.150 in), 252 to 394 ftppm (6400 to 10 000 fpi) (reaffirmation of ANSI X3.164-1990 (R1996)): 11/20/2001
- ANSI X3.180-1990 (R2001), Information Systems - Magnetic Tape and Cartridge for Information Interchange - 18-Track, Parallel, 1/2 inch (12.65 mm), 37 871 cpi (1491 cpmm), Group-Coded - Requirements for Recording (reaffirmation of ANSI X3.180-1990 (R1996)): 11/20/2001
- ANSI X3.181-1990 (R2001), Recorded Magnetic Tape and Cartridge for Information Interchange - 1/2 Inch (12.65 mm), Serial Serpentine, 22-track, 6667 bpi (262 bpmm), and 48-track, 10000 bpi (394 bpmm), MFM-Encoded - Requirements for Recording (reaffirmation of ANSI X3.181-1990 (R1996)): 11/20/2001

ANSI X3.187-1990 (R2001), Recorded Magnetic Tape for Longitudinal Recording of Instrumentation Data-Interchange (reaffirmation of ANSI X3.187-1990 (R1996)): 11/20/2001

ANSI X3.227-1996 (R2001), Information Technology - Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.35 mm), 20-Track, 10 000 bpi (394 bpmm) and 28-Track, 14 700 bpi (579 bpmm), MFM Encoded (reaffirmation of ANSI X3.227-1996): 11/20/2001

ANSI X3.243-1996 (R2001), Information Technology - Recorded Magnetic Tape Cartridge for Information Interchange - Serial, 0.250 inch (6.35 mm), 26-Track, 16 000 bpi (630 bpmm), Streaming Mode, Group Code Recording (reaffirmation of ANSI X3.243-1996): 11/20/2001

ANSI X3.250-1996 (R2001), Information Technology - Recorded Magnetic Tape Mini Cartridge for Information Interchange - 12/24-Track, Serial, 0.250 inch (6.35 mm) 10 000 bpi (394 bpmm) Group-Coded Recording (reaffirmation of ANSI X3.250-1996): 11/20/2001

ANSI X3.261-1996 (R2001), Information Technology - Extended Magnetic Tape Format for Information Interchange (36-Track, Parallel Serpentine, 12.65 mm (0.05 in), 1491 cpmm (37 871 cpi) Group-Coded Recording) (reaffirmation of ANSI X3.261-1996): 11/20/2001

ANSI X3.264-1996 (R2001), Information Technology - Unrecorded Helical-Scan Digital Computer Tape Cassette for Information Interchange, 19 mm (0.748 in) Type D-1 (reaffirmation of ANSI X3.264-1996): 11/20/2001

ANSI X3.266-1996 (R2001), Information Technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine 112-Track, 42 500 bpi (1 673 bpmm) DLT2 Format (reaffirmation of ANSI X3.266-1996): 11/20/2001

ANSI X3.267-1996 (R2001), Information Technology - Helical-Scan Digital Computer Tape Cartridge, 12.65 mm (0.498 in), for Information Interchange (reaffirmation of ANSI X3.267-1996): 11/20/2001

ANSI X3.280-1996 (R2001), Information Technology - Data Compression Algorithm - Adaptive Lossless Data Compression (ALDC) Algorithm for Information Interchange (reaffirmation of ANSI X3.280-1996): 11/20/2001

ANSI X3.282-1996 (R2001), Information Technology - Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 128-Track, 62 500 bpi (2 460 bpmm) DLT3 Format (reaffirmation of ANSI X3.282-1996): 11/20/2001

ANSI X3.287-1996, Information Technology - Fibre Channel Link Encapsulation (FC-LE) (withdrawal of ANSI X3.287-1996): 11/20/2001

ANSI/ISO/IEC 9075-9:2001, Information Technology - Database Languages - SQL - Part 9: Management of External Data (SQL/MED) (new national adoption): 11/20/2001

ANSI/ISO/IEC 9293-1994 (R2001), Information Technology - Diskette Labels and File Structure for Information Interchange (reaffirmation of ANSI/ISO/IEC 9293-1994 (R1996)): 11/20/2001

## LOCKS

ANSI/BHMA A156.29-2001, Exit Locks, Exit Locks With Exit Alarms, Exit Alarms, Alarms for Exit Devices (new standard): 11/20/2001

## MEDICAL MATERIEL

ANSI/AAMI ST8-2001, Hospital Steam Sterilizers (revision of ANSI/AAMI ST8-1994): 11/20/2001

ANSI/AAMI/ISO 10993-2-1993 (R2001), Biological Evaluation of Medical Devices - Part 2: Animal Welfare Requirements (reaffirmation of ANSI/AAMI/ISO 10993-2-1993): 11/20/2001

ANSI/AAMI/ISO 10993-6-1993 (R2001), Biological Evaluation of Medical Devices - Part 6: Tests for Local Effects after Implantation (reaffirmation of ANSI/AAMI/ISO 10993-6-1993): 11/20/2001

ANSI/AAMI/ISO 10993-7-1995 (R2001), Biological Evaluation of Medical Devices - Part 7: Ethylene Oxide Sterilization Residuals (reaffirmation of ANSI/AAMI/ISO 10993-7-1995): 11/20/2001

## OPHTHALMICS

★ ANSI Z80.3-2001, Ophthalmics - Nonprescription Sunglasses and Fashion Eyewear - Requirements (revision of ANSI Z80.3-1997): 11/20/2001

## PIPE

ANSI/AWWA C908-01, PVC Self-Tapping Saddle Tees for Use on PVC Pipe (revision of ANSI/AWWA C908-97): 11/20/2001

## PIPELINES

ANSI/AWWA C213-01, Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines (revision of ANSI/AWWA C213-96): 11/20/2001

## PRINTED CIRCUITS

ANSI/IPC 2546-2001, Sectional Requirements for Specific Printed Circuit Board Assembly Equipment (new standard): 11/20/2001

## SHIP PARTS AND EQUIPMENT

ANSI S2.26-2001, Mechanical Vibration - Vibration Testing Requirements and Acceptance Criteria for Shipboard Equipment (new standard): 11/20/2001

## TANKS

ANSI/AWWA D104-01, Automatically Controlled, Impressed-Current Cathodic Protection for the Interior of Steel Water Tanks (revision of ANSI/AWWA D104-97): 11/20/2001

## TELECOMMUNICATIONS

ANSI/TIA/EIA 683-B-2001, Over the Air Provisioning of Mobile Stations in Spread Spectrum Systems (new standard): 11/20/2001

ANSI/TIA/EIA 687-1997 (R2001), Medium Speed Interface for Data Terminal Equipment and Data Circuit Terminating Equipment (reaffirmation of ANSI/TIA/EIA 687-1997): 11/20/2001

ANSI/TIA/EIA 828-2001, BTS-BSC Interoperability (Abis Interface) (new standard): 11/20/2001

# Project Initiation Notification System (PINS)

ANSI procedures require notification of ANSI by 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.

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BSR T1.403b (T1C1-01), Telecommunications - Network and Customer Installation Interfaces - DS1 Electrical Interface (supplement to)

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BSR X9.94, Secured Hash Standard for the Financial Services Industry (new standard)

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BSR/ACI 305, Specification for Hot-Weather Concreting (new standard)

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BSR/ASHRAE 32.1-1997, Methods of Testing and Rating Bottled and Canned Beverage Vendors and Coolers (revision of ANSI/ASHRAE 32.1-1997)

BSR/ASHRAE 32.2-1997, Methods of Testing Pre-Mix and Post-Mix Soft Drink Vending and Dispensing Equipment (revision of ANSI/ASHRAE 32.2-1997)

BSR/ASHRAE 41.3P, Standard Method for Pressure Measurement (new standard)

BSR/ASHRAE 41.4-1996R, Method for Measurement of Proportion of Lubricant in Liquid Refrigerant (revision of ANSI/ASHRAE 41.4-1996)

BSR/ASHRAE 119-1988 (R1994), Air Leakage Performance for Detached Single-Family Residential Buildings (revision of ANSI/ASHRAE 119-1988 (R1994))

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BSR S3.6-200x, Specification for Audiometers (revision of ANSI S3.6-1996)

BSR S3.21-1978 (R1997), Manual Pure-Tone Threshold Audiometry, Method for (revision of ANSI S3.21-1978 (R1997))

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BSR Z21.21/CSA 6.5, Automatic Valves for Gas Appliances (revision of ANSI Z21.21-1995)

BSR/Z83.24/CSA 3.20, Standard for Direct Gas-Fired Duct Furnaces (new standard)

BSR/Z83.25/CSA 3.19, Standard for Direct Gas-Fired Process Air Heaters (new standard)

## Institute of Electrical and Electronics Engineers (IEEE)

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ANSI/IEEE 4, Standard for High Voltage Test Techniques (revision of ANSI/IEEE 4-1995)

BSR/IEEE 1073.1.2.1, Health informatics - Point-of-care medical device communication - Domain information model (new standard)

BSR/IEEE 1604, Standard for Inclusion of VHDL Library Units in the VHDL Library IEEE (new standard)

BSR/IEEE C57.12.37, Standard for the Electronic Reporting of Distribution Transformer Test Data (revision and redesignation of ANSI/IEEE 1388-2000)

## Laser Institute of America

**Office:** 12424 Research Parkway, Suite 125  
Orlando, FL 32826

**Fax:** (407) 380-5588

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BSR Z136.1-2000, Safe Use of Lasers (revision of ANSI Z136.1-2000)

### National Electrical Manufacturers Association

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

**Fax:** (703) 841-3398

**Contact:** *Andre Moldoveanu*

**E-mail:** and\_moldoveanu@nema.org

BSR/ICEA S-89-648-2000, ICEA Standard For Aerial Service Wire  
(new standard)

BSR/ICEA S-101-699-2001, Category 3 Individually Unshielded  
Twisted Pair Indoor Cable for Use in General Purpose Non-LAN  
Telecommunications Wiring Systems. Technical Requirements (new  
standard)

BSR/ICEA T-27-465/NEMA WC 54, Guide for Frequency of Sampling  
Extruded Dielectric Power, Control, Instrumentation, and Portable  
Cables for Test (new standard)

### NSF International

**Office:** 789 Dixboro Road  
Ann Arbor, MI 48105

**Fax:** (734) 827-6831

**Contact:** *Marie Whybark*

**E-mail:** whybark@nsf.org

BSR/NSF 184, Residential Dishwashers (revision of BSR/NSF 184)

## American National Standards Maintained Under Continuous Maintenance

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- ASHRAE
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# ISO and IEC Draft International Standards



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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

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## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 4121, Sensory analysis - Guidelines for use of quantitative response scales - 3/7/2002, \$50.00

ISO/DIS 16035, Animal and vegetable fats and oils - Determination of low-boiling halogenated hydrocarbons in edible oils - 2/28/2002, \$46.00

### DENTISTRY (TC 106)

ISO/DIS 13897, Dentistry - Dental amalgam capsules - 2/28/2002, \$35.00

### EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 7132, Earth-moving machinery - Dumpers - Terminology and commercial specifications - 3/7/2002, \$88.00

### FLUID POWER SYSTEMS (TC 131)

ISO/DIS 14743, Pneumatic fluid power - Push-in connectors for thermoplastic tubes - 2/14/2002, \$72.00

### GAS CYLINDERS (TC 58)

ISO/DIS 407, Small medical gas cylinders - Pin-index yoke-type valve connections - 2/28/2002, \$72.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 9345-2, Optics and optical instruments - Microscopes - Imaging distances related to mechanical reference planes - Part 2: Infinity corrected optics - 3/7/2002, \$42.00

ISO/DIS 11551, Optics and optical instruments - Lasers and laser-related equipment - Test method for absorbance of optical laser components - 3/7/2002, \$46.00

### PLASTICS (TC 61)

ISO/DIS 20200, Plastics - Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test - 2/28/2002, \$35.00

### SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 15736, Ships and marine technology - Pyrotechnic life-saving appliances - Testing, inspection and marking of production units - 3/7/2002, \$62.00

### TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

ISO/DIS 9398-1, Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 1: Flatwork ironing machines - 2/28/2002, \$42.00

ISO/DIS 9398-2, Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 2: Batch drying tumblers - 2/28/2002, \$30.00

ISO/DIS 9398-3, Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 3: Washing tunnels - 2/28/2002, \$30.00

ISO/DIS 9398-4, Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 4: Washer-extractors - 2/28/2002, \$38.00

### TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 16632, Tobacco and tobacco products - Determination of water content - Gas-chromatographic method - 3/7/2002, \$50.00

ISO/DIS 18144, Environmental tobacco smoke - Estimation of its contribution to respirable suspended particles - Method based on solanesol - 2/28/2002, \$58.00

ISO/DIS 18145, Environmental tobacco smoke - Determination of vapour phase nicotine and 3-ethenylpyridine in air - Gas-chromatographic method - 2/28/2002, \$46.00

### TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 14960, Tubeless tyres - Valves and components - Test methods - 3/7/2002, \$46.00

## IEC Standards

3B/344/FDIS, IEC 60848: Grafcet specification language for sequential function charts, 02/01/2002

3C/843/FDIS, Maintenance of 5082: Microphone, general, 04/19/2002

3C/844/FDIS, Maintenance of 5083: Stereophonic microphone, 04/19/2002

3C/854/FDIS, IEC 60417: Graphical symbols for serial and parallel interface - 5850 Pr, 02/01/2002

3C/855/FDIS, IEC 60417: Graphical symbols for serial and parallel interface - 5851 Pr, 02/01/2002

- 3C/856/FDIS, Graphical symbol for cardiac pacemaker/defibrillator, 02/01/2002
- 7/539/FDIS, IEC 62219 Ed.1: Overhead electrical conductors - Formed wire, concentric lay, stranded conductors , 01/18/2002
- 20/493/FDIS, IEC 60853-3, Ed. 1: Calculation of the cyclic and emergency current rating of cables - Part 3: Cyclic rating factor for cables of all voltages, with partial drying of the soil, 01/25/2002
- 20/493/FDIS, IEC 60853-3, Ed. 1: Calculation of the cyclic and emergency current rating of cables - Part 3: Cyclic rating factor for cables of all voltages, with partial drying of the soil, 01/25/2002
- 46C/496/FDIS, Revision of IEC 61156-1 - Multicore and symmetrical pair cables for digital communication, to include unbalance attenuation, (clause 2.1.7 and 3.3.3) - Part 1: Generic specification, 02/08/2002
- 48B/1128/FDIS, IEC 60512-1-1: Connectors for electronic equipment - Tests and measurements - Part 1-1: General examination -Test 1a: Visual examination, 02/01/2002
- 48B/1129/FDIS, IEC 60512-1-2: Connectors for electronic equipment - Tests and measurements - Part 1-2: General examination - Test 1b: Examination of dimension and mass, 02/01/2002
- 48B/1130/FDIS, IEC 60512-2-1: Connectors for electronic equipment - Tests and measurements - Part 2-1: Electrical continuity and contact resistance tests - Test 2a: Contact resistance - Millivolt level method, 02/01/2002
- 48B/1131/FDIS, IEC 60512-2-3: Connectors for electronic equipment - Tests and measurements - Part 2-3: Electrical continuity and contact resistance tests - Test 2c: Contact resistance variation, 02/01/2002
- 48B/1132/FDIS, IEC 60512-2-6: Connectors for electronic equipment - Tests and measurements - Part 2-6: Electrical continuity and contact resistance tests - Test 2f: Housing (shell) electrical continuity, 02/01/2002
- 48B/1133/FDIS, IEC 60512-3-1: Connectors for electronic equipment - Tests and measurements - Part 3-1: Insulation tests - Test 3a: Insulation resistance, 02/01/2002
- 48B/1134/FDIS, IEC 60512-4-2: Connectors for electronic equipment - Tests and measurements - Part 4-2: Voltage stress tests -Test 4b: Partial discharge, 02/01/2002
- 48B/1135/FDIS, IEC 60512-4-3: Connectors for electronic equipment - Tests and measurements - Part 4-3: Voltage stress tests - Test 4c: Voltage proof of pre-insulated crimp barrels, 02/01/2002
- 48B/1136/FDIS, IEC 60512-5-1: Connectors for electronic equipment - Tests and measurements - Part 5-1: Current-carrying capacity tests - Test 5a: Temperature rise, 02/01/2002
- 48B/1137/FDIS, IEC 60512-5-2: Connectors for electronic equipment - Tests and measurements - Part 5-2: Current-carrying capacity tests - Test 5b: Current-temperature derating, 02/01/2002
- 48B/1138/FDIS, IEC 60512-6-1: Connectors for electronic equipment - Tests and measurements - Part 6-1: Dynamic stress tests -Test 6a: Acceleration, steady state, 02/01/2002
- 48B/1139/FDIS, IEC 60512-6-2: Connectors for electronic equipment - Tests and measurements - Part 6-2: Dynamic stress tests -Test 6b: Bump, 02/01/2002
- 48B/1140/FDIS, IEC 60512-6-3: Connectors for electronic equipment - Tests and measurements - Part 6-3: Dynamic stress tests -Test 6c: Shock, 02/01/2002
- 48B/1141/FDIS, IEC 60512-6-4: Connectors for electronic equipment - Tests and measurements - Part 6-4: Dynamic stress tests -Test 6d: Vibration (sinusoidal), 02/01/2002
- 48B/1143/FDIS, IEC 60512-11-2: Connectors for electronic equipment - Tests and measurements - Part 11-2: Climatic tests - Test 11b: Combined/sequential cold, low air pressure and damp heat, 02/01/2002
- 48B/1144/FDIS, IEC 60512-11-3: Connectors for electronic equipment - Tests and measurements - Part 11-3: Climatic tests - Test 11c: Damp heat, steady state, 02/01/2002
- 48B/1145/FDIS, IEC 60512-11-4: Connectors for electronic equipment - Tests and measurements - Part 11-4: Climatic tests - Test 11d: Rapid change of temperature, 02/01/2002
- 48B/1146/FDIS, IEC 60512-11-5: Connectors for electronic equipment - Tests and measurements - Part 11-5: Climatic tests - Test 11e: Mould growth, 02/01/2002
- 48B/1147/FDIS, IEC 60512-11-6: Connectors for electronic equipment - Tests and measurements - Part 11-6: Climatic tests - Test 11f: Corrosion, salt mist, 02/01/2002
- 48B/1148/FDIS, IEC 60512-11-9: Connectors for electronic equipment - Tests and measurements - Part 11-9: Climatic tests - Test 11i: Dry heat, 02/01/2002
- 48B/1149/FDIS, IEC 60512-11-10: Connectors for electronic equipment - Tests and measurements - Part 11-10: Climatic tests - Test 11j: Cold, 02/01/2002
- 48B/1150/FDIS, IEC 60512-11-11: Connectors for electronic equipment - Tests and measurements - Part 11-11: Climatic tests - Test 11k: Low air pressure, 02/01/2002
- 48B/1151/FDIS, IEC 60512-11-12: Connectors for electronic equipment - Tests and measurements - Part 11-12: Climatic tests - Test 11m: Damp heat, cyclic, 02/01/2002
- 48B/1152/FDIS, IEC 60512-11-13: Connectors for electronic equipment - Tests and measurements - Part 11-13: Climatic tests - Test 11n: Gas tightness, solderless wrapped connections, 02/01/2002
- 65A/345/FDIS, Electrical equipment for measurement, control and laboratory use - EMC requirements, 02/01/2002
- 70/99/FDIS, IEC 62262, Ed.1: Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (EN 50102) , 01/18/2002
- 77B/339/FDIS, Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test, 02/01/2002
- 86C/384/FDIS, IEC 62148-1 Ed.1 - Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance, 02/01/2002
- 86C/384/FDIS, IEC 62148-1 Ed.1 - Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance, 02/01/2002
- 91/274/FDIS, IEC 62326-1 Ed.2: Printed boards - Part 1: Generic specification, 02/01/2002
- 97/77/FDIS, IEC 61821 Ed.1.0: Electrical installations for lighting and beaconing of aerodromes: Maintenance of aeronautical ground lighting constant current series circuits, 02/01/2002

# Newly Published ISO and IEC Standards



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

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## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 14673-1:2001](#), Milk and milk products - Determination of nitrate and nitrite contents - Part 1: Method using cadmium reduction and spectrometry, \$46.00

[ISO 14673-2:2001](#), Milk and milk products - Determination of nitrate and nitrite contents - Part 2: Method using segmented flow analysis (Routine method), \$46.00

[ISO 14673-3:2001](#), Milk and milk products - Determination of nitrate and nitrite contents - Part 3: Method using cadmium reduction and flow injection analysis with in-line dialysis (Routine method), \$38.00

### ANALYSIS OF GASES (TC 158)

[ISO 7504:2001](#), Gas analysis - Vocabulary, \$72.00

### APPLICATIONS OF STATISTICAL METHODS (TC 69)

[ISO 11648-2:2001](#), Statistical aspects of sampling from bulk materials - Part 2: Sampling of particulate materials, \$128.00

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

[ISO 15782-2:2001](#), Banking - Certificate management - Part 2: Certificate extensions, \$84.00

### BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

[ISO 10993-14:2001](#), Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics, \$42.00

### BUILDING CONSTRUCTION (TC 59)

[ISO 12006-2:2001](#), Building construction - Organization of information about construction works - Part 2: Framework for classification of information, \$54.00

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[ISO 4241:2001](#), Cinematography - Theatre projection leader, trailer and cue marks - Specifications, \$42.00

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[ISO 12142:2001](#), Electronic imaging - Media error monitoring and reporting techniques for verification of stored data on optical digital data disks, \$105.00

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[ISO 15165:2001](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Classification system, \$112.00

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[ISO 9123:2001](#), Measurement of liquid flow in open channels - Stage-fall-discharge relationships, \$46.00

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[ISO 15674:2001](#), Cardiovascular implants and artificial organs - Hard-shell cardiomy/venous reservoir systems (with/without filter) and soft venous reservoir bags, \$38.00

### INDUSTRIAL TRUCKS (TC 110)

[ISO 8379/Amd1:2001](#), Rough terrain trucks - Stability tests - Amendment 1, \$10.00

### INFORMATION AND DOCUMENTATION (TC 46)

[ISO 15707:2001](#), Information and documentation - International Standard Musical Work Code (ISWC), \$38.00

### MACHINE TOOLS (TC 39)

[ISO 1986-1:2001](#), Test conditions for surface grinding machines with horizontal grinding wheel spindle and reciprocating table - Testing of the accuracy - Part 1: Machines with a table length of up to 1 600 mm, \$54.00

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

[ISO 11960:2001](#), Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells, \$160.00

### MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 5982:2001](#), Mechanical vibration and shock - Range of idealized values to characterize seated-body biodynamic response under vertical vibration, \$72.00

### NON-DESTRUCTIVE TESTING (TC 135)

[ISO 3059:2001](#), Non-destructive testing - Penetrant testing and magnetic particle testing - Viewing conditions, \$26.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 11145:2001](#), Optics and optical instruments - Lasers and laser-related equipment - Vocabulary and symbols, \$62.00

### PACKAGING (TC 122)

[ISO 13355:2001](#), Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test, \$30.00

### PAINTS AND VARNISHES (TC 35)

[ISO 3262-22:2001](#), Extenders for paints - Specifications and methods of test - Part 22: Flux-calcined kieselguhr, \$26.00

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

[ISO 2759:2001](#), Board - Determination of bursting strength, \$42.00

[ISO 15360-2:2001](#), Recycled pulps - Estimation of Stickies and Plastics  
- Part 2: Image analysis method, \$46.00

#### PLAIN BEARINGS (TC 123)

[ISO 12130-1:2001](#), Plain bearings - Hydrodynamic plain tilting pad thrust bearings under steady-state conditions - Part 1: Calculation of tilting pad thrust bearings, \$68.00

[ISO 12130-2:2001](#), Plain bearings - Hydrodynamic plain tilting pad thrust bearings under steady-state conditions - Part 2: Functions for calculation of tilting pad thrust bearings, \$42.00

[ISO 12130-3:2001](#), Plain bearings - Hydrodynamic plain tilting pad thrust bearings under steady-state conditions - Part 3: Guide values for the calculation of tilting pad thrust bearings, \$30.00

#### PLASTICS (TC 61)

[ISO 4610:2001](#), Plastics - Vinyl chloride homopolymer and copolymer resins - Sieve analysis using air-jet sieve apparatus, \$26.00

[ISO 15023-1:2001](#), Plastics - Poly(vinyl alcohol) (PVAL) materials - Part 1: Designation system and basis for specifications, \$30.00

[ISO 16869:2001](#), Plastics - Assessment of the effectiveness of fungistatic compounds in plastics formulations, \$38.00

#### ROAD VEHICLES (TC 22)

[ISO 3584:2001](#), Road vehicles - Drawbar couplings - Interchangeability, \$38.00

[ISO 4086:2001](#), Road vehicles - 90 semi-trailer fifth wheel kingpin - Interchangeability, \$30.00

[ISO 6469-1:2001](#), Electric road vehicles - Safety specifications - Part 1: On-board electrical energy storage, \$50.00

[ISO 6469-2:2001](#), Electric road vehicles - Safety specifications - Part 2: Functional safety means and protection against failures, \$30.00

[ISO 6469-3:2001](#), Electric road vehicles - Safety specifications - Part 3: Protection of persons against electric hazards, \$42.00

[ISO 15170-1:2001](#), Road vehicles - Four-pole electrical connectors with pins and twist lock - Part 1: Dimensions and classes of application, \$35.00

#### ROLLING BEARINGS (TC 4)

[ISO 1206:2001](#), Rolling bearings - Needle roller bearings, dimension series 48, 49 and 69 - Boundary dimensions and tolerances, \$38.00

#### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 11674/Cor1:2001](#), Ships and marine technology - Heading control systems - Corrigendum, FREE

[ISO 13617:2001](#), Ships and marine technology - Shipboard incinerators - Requirements, \$58.00

[ISO 15849:2001](#), Ships and marine technology - Guidelines for implementation of a fleet management system network, \$58.00

#### STEEL (TC 17)

[ISO 6932:2001](#), Cold-reduced carbon steel strip with a maximum carbon content of 0,25 %, \$50.00

#### WATER QUALITY (TC 147)

[ISO 8466-2:2001](#), Water quality - Calibration and evaluation of analytical methods and estimation of performance characteristics - Part 2: Calibration strategy for non-linear second-order calibration functions, \$42.00

## ISO Technical Reports

#### ROAD VEHICLES (TC 22)

[ISO/TR 14933:2001](#), Road vehicles - Test procedures for evaluating occupant interactions with deploying side impact airbags, \$58.00

## ISO Technical Specifications

#### DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO/TS 12033:2001](#), Electronic imaging - Guidance for selection of document image compression methods, \$42.00

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[ISO/TS 20225:2001](#), Global medical device nomenclature for the purpose of regulatory data exchange, \$245.00

#### ROAD VEHICLES (TC 22)

[ISO/TS 11155-1:2001](#), Road vehicles - Air filters for passenger compartments - Part 1: Test for particulate filtration, \$84.00

## ISO/IEC Guides

#### OTHER

[ISO/IEC Guide 71:2001](#), Guidelines for standards developers to address the needs of older persons and persons with disabilities, \$75.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 10646-2:2001](#), Information technology - Universal Multiple-Octet Coded Character Set (UCS) - Part 2: Supplementary Planes, \$218.00

[ISO/IEC 11694-4:2001](#), Identification cards - Optical memory cards - Linear recording method - Part 4: Logical data structures, \$92.00

[ISO/IEC 14496-1/Amd1:2001](#), Extended BIFS - Amendment 1: Extended BIFS, \$62.00

[ISO/IEC 15457-2:2001](#), Identification cards - Thin flexible cards - Part 2: Magnetic recording techniques, \$54.00

[ISO/IEC 18017:2001](#), Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Mapping functions for the employment of Virtual Private Network scenarios, \$42.00

[ISO/IEC 20060:2001](#), Information technology - Open Terminal Architecture (OTA) specification - Virtual machine specification, \$136.00

## IEC Standards

#### ALARM SYSTEMS (TC 79)

[IEC 60839-7-1 Ed. 1.0 b:2001](#), Alarm systems - Part 7-1: Message formats and protocols for serial data interfaces in alarm transmission systems - General, \$49.00

[IEC 60839-7-2 Ed. 1.0 b:2001](#), Alarm systems - Part 7-2: Message formats and protocols for serial data interfaces in alarm transmission systems - Common application layer protocol, \$62.00

[IEC 60839-7-3 Ed. 1.0 b:2001](#), Alarm systems - Part 7-3: Message formats and protocols for serial data interfaces in alarm transmission systems - Common data link layer protocol, \$36.00

[IEC 60839-7-4 Ed. 1.0 b:2001](#), Alarm systems - Part 7-4: Message formats and protocols for serial data interfaces in alarm transmission systems - Common transport layer protocol, \$30.00

[IEC 60839-7-5 Ed. 1.0 b:2001](#), Alarm systems - Part 7-5: Message formats and protocols for serial data interfaces in alarm transmission systems - Alarm system interfaces employing a two-wire configuration in accordance with ISO/IEC 8482, \$21.00

[IEC 60839-7-6 Ed. 1.0 b:2001](#), Alarm systems - Part 7-6: Message formats and protocols for serial data interfaces in alarm transmission systems - Alarm system interfaces employing ITU-T Recommendation V.24/V.28 signalling, \$18.00

[IEC 60839-7-7 Ed. 1.0 b:2001](#), Alarm systems - Part 7-7: Message formats and protocols for serial data interfaces in alarm transmission systems - Alarm system interfaces for plug-in alarm system transceivers, \$30.00

[IEC 60839-7-11 Ed. 1.0 b:2001](#), Alarm systems - Part 7-11: Message formats and protocols for serial data interfaces in alarm transmission systems - Serial protocol for use by digital communicator systems using ITU-T Recommendation V.23 signalling at interfaces with the PSTN, \$21.00

[IEC 60839-7-12 Ed. 1.0 b:2001](#), Alarm systems - Part 7-12: Message formats and protocols for serial data interfaces in alarm transmission systems - PTT interfaces for dedicated communications channels using ITU-T Recommendation V.23 signalling, \$21.00

[IEC 60839-7-20 Ed. 1.0 b:2001](#), Alarm systems - Part 7-20: Message formats and protocols for serial data interfaces in alarm transmission systems - Terminal interfaces employing ITU-T Recommendation V.24/V.28 signalling, \$21.00

#### **AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)**

[IEC 60728-1 Ed. 3.0 en:2001](#), Cabled distribution systems for television and sound signals - Part 1: Methods of measurement and system performance, \$86.00

[IEC 62216-1 Ed. 1.0 en:2001](#), Digital terrestrial television receivers for the DVB-T system - Part 1: Baseline receiver specification, \$99.00

#### **AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)**

[IEC 60730-2-4 Amd.2 Ed. 1.0 b:2001](#), Amendment 2, \$19.00

#### **CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)**

[IEC 61169-2 Ed. 1.0 b:2001](#), Radio-frequency connectors - Part 2: Sectional specification - Radio frequency coaxial connectors of type 9,52, \$49.00

[IEC 61169-24 Ed. 1.0 b:2001](#), Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (type F), \$45.00

#### **ELECTRIC CABLES (TC 20)**

[IEC 60287-1-1 Ed. 1.2 b:2001](#), Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General, \$70.00

[IEC 60287-2-1 Ed. 1.1 b:2001](#), Electric cables - Calculation of the current rating - Part 2-1: Thermal resistance - Calculation of thermal resistance, \$78.00

[IEC 60811-2-1 Ed. 2.1 b:2001](#), Common test methods for insulating and sheathing materials of electric and optical cables - Part 2-1: Methods specific to elastomeric compounds - Ozone resistance, hot set and mineral oil immersion tests, \$30.00

#### **ELECTRICAL ACCESSORIES (TC 23)**

[IEC 61058-1 Ed. 3.1 b:2001](#), Switches for appliances - Part 1: General requirements, \$154.00

#### **ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)**

[IEC 60079-7 Ed. 3.0 b:2001](#), Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety "e", \$116.00

#### **ELECTROMAGNETIC COMPATIBILITY (TC 77)**

[IEC 61000-4-25 Ed. 1.0 b:2001](#), Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems, \$86.00

#### **FIRE HAZARD TESTING (TC 89)**

[IEC 60695-10-2 Ed. 1.1 b:2001](#), Fire hazard testing - Part 10-2: Guidance and test methods for the minimization of the effects of abnormal heat on electrotechnical products involved in fires - Method for testing products made from non-metallic materials for resistance to heat using the ball pressure test, \$30.00

#### **FUSES (TC 32)**

[IEC 60269-2 Amd.2 Ed. 2.0 b:2001](#), Amendment 2, \$15.00

[IEC 60127-10 Ed. 1.0 b:2001](#), Miniature fuses - Part 10: User guide for miniature fuses, \$40.00

#### **INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)**

[IEC 61512-2 Ed. 1.0 b:2001](#), Batch control - Part 2: Data structures and guidelines for languages, \$141.00

#### **INSULATING MATERIALS (TC 15)**

[IEC 60554-2 Ed. 2.0 b:2001](#), Cellulosic papers for electrical purposes - Part 2: Methods of test, \$70.00

#### **LAMPS AND RELATED EQUIPMENT (TC 34)**

[IEC 60810 Amd.2 Ed. 2.0 b:2001](#), Amendment 2, \$30.00

[IEC 60901 Ed. 2.2 b:2001](#), Single-capped fluorescent lamps - Performance specifications, \$166.00

[IEC 60923 Ed. 2.1 b:2001](#), Auxiliaries for lamps - Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements, \$62.00

#### **MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)**

[IEC 61162-400 Ed. 1.0 en:2001](#), Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 400: Multiple talkers and multiple listeners - Ship systems interconnection - Introduction and general principles, \$49.00

[IEC 61162-401 Ed. 1.0 en:2001](#), Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 401: Multiple talkers and multiple listeners - Ship systems interconnection - Application profile, \$99.00

[IEC 61162-410 Ed. 1.0 en:2001](#), Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 410: Multiple talkers and multiple listeners - Ship systems interconnection - Transport profile requirements and basic transport profile, \$70.00

[IEC 61162-420 Ed. 1.0 en:2001](#), Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 420: Multiple talkers and multiple listeners - Ship systems interconnection - Companion standard requirements and basic companion standards, \$99.00

**OTHER**

[CISPR 14-2 Ed. 1.1 b:2001](#), Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, \$49.00

**ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)**

[IEC 62225 TR3 Ed. 1.0 en:2001](#), Guidance on terms for connectors and mechanical structures in electronic equipment, \$60.00

**PRINTED CIRCUITS (TC 52)**

[IEC 61189-1 Ed. 1.1 b:2001](#), Test methods for electrical materials, interconnection structures and assemblies - Part 1: General test methods and methodology, \$62.00

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

[IEC 60335-2-83 Ed. 1.0 en:2001](#), Household and similar electrical appliances - Safety - Part 2-83: Particular requirements for heated gullies for roof drainage, \$19.00

[IEC 61029-2-3 Amd.1 Ed. 1.0 b:2001](#), Amendment 1, \$14.00

[IEC 61029-2-5 Amd.1 Ed. 1.0 b:2001](#), Amendment 1, \$14.00

**SEMICONDUCTOR DEVICES (TC 47)**

[IEC 60191-2 Amd.4 Ed. 1.0 b:2001](#), Amendment 4, \$40.00

[IEC 60191-4 Amd.1 Ed. 2.0 b:2001](#), Amendment 1, \$15.00

[IEC 60747-9 Ed. 1.1 b:2001](#), Semiconductor devices - Discrete devices - Part 9: Insulated-gate bipolar transistors (IGBTs), \$116.00

[IEC 60747-16-1 Ed. 1.0 en:2001](#), Semiconductor devices - Part 16-1: Microwave integrated circuits - Amplifiers, \$55.00

**SURFACE MOUNTING TECHNOLOGY (TC 91)**

[IEC 61249-2-19 Ed. 1.0 b:2001](#), Materials for printed boards and other interconnecting structures - Part 2-19: Reinforced base materials, clad and unclad - Epoxide cross-plyed linear fibreglass-reinforced laminated sheets of defined flammability (vertical burning test), copper clad, \$49.00

[IEC/PAS 62293 Ed. 1.0 en:2001](#), Qualification and performance specification for high density interconnect (HDI) layers or boards (IPC 6016), \$62.00

**SURGE ARRESTERS (TC 37)**

[IEC 61643-341 Ed. 1.0 b:2001](#), Components for low-voltage surge protective devices - Part 341: Specification for thyristor surge suppressors (TSS), \$116.00

**SWITCHGEAR AND CONTROLGEAR (TC 17)**

[IEC 60947-2 Ed. 2.2 b:2001](#), Low-voltage switchgear and controlgear - Part 2: Circuit-breakers, \$158.00

[IEC 62026-6 Ed. 1.0 en:2001](#), Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 6: Seriplex (Serial Multiplexed Control Bus), \$86.00

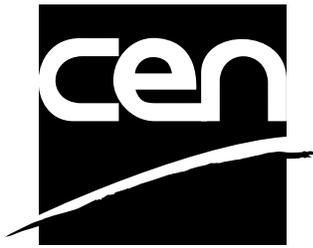
**TOOLS FOR LIVE WORKING (TC 78)**

[IEC 60743 Ed. 2.0 b:2001](#), Live working - Terminology for tools, equipment and devices, \$86.00

**IEC Technical Reports****ELECTRIC TRACTION EQUIPMENT (TC 9)**

[IEC 61287-2 TR2 Ed. 1.0 b:2001](#), Power convertors installed on board railway rolling stock - Part 2: Additional technical information, \$141.00

# CEN/CENELEC Standards Activity



**Competitive Excellence Through  
Standardization Technology**

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

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

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

## Ordering Instructions

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

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

## CEN

### European drafts sent for CEN enquiry

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

#### **GAS CYLINDERS**

prEN 1089-2 REVIEW, Transportable gas cylinders - Gas cylinder identification (excluding LPG) - Part 2: Precautionary labels - 2/8/2002, \$48.00

#### **OPTICS**

prEN ISO 11810, Optics and optical instruments - Lasers and laser-related equipment - Surgical drapes and patient protectives covers suitable for use with lasers (ISO/DIS 11810: 2001) - 12/8/2001, \$28.00

#### **PIPES**

prEN ISO 7686, Plastics pipes and fittings - Determination of opacity (ISO/DIS 7686: 2001) - 3/1/2002, \$28.00

#### **PRESSURE VESSELS**

EN 286-1: 1998/prA1, Simple unfired pressure vessels designed to contain air or nitrogen - Part 1: Pressure vessels for general purposes - 2/8/2002, \$28.00

#### **SMALL CRAFTS**

prEN ISO 13590, Small craft - Personal watercraft - Construction and system installation requirements (ISO/DIS 13590: 2001) - 3/1/2002, \$28.00

#### **SPORTS**

prEN 12228, Surfaces for sports areas - Determination of joint strength of synthetic surfaces - 2/8/2002, \$42.00

prEN 12234, Surfaces for sports areas - Determination of ball roll behaviour - 2/8/2002, \$42.00

#### **STEEL**

prEN ISO 4934 REVIEW, Steel and iron - Determination of sulfur content - Gravimetric method (ISO/DIS 4934: 2001) - 3/8/2001, \$28.00

#### **WELDING**

EN 1289: 1998/prA1, Nondestructive examination of welds - Penetrant testing of welds - Acceptance levels - 2/8/2002, \$32.00

EN 1290: 1998/prA1, Non-destructive examination of welds - Magnetic particle examination of welds - 2/8/2002, \$36.00

EN 1291: 1998/prA1, Non-destructive examination of welds - Magnetic particle testing of welds - Acceptance levels - 2/8/2002, \$28.00

EN 1435, Non-destructive examination of welds - Radiographic examination of welded joints - 2/8/2002, \$48.00

EN 1712: 1997/prA1, Non destructive examination of welds - Ultrasonic examination of welded joints - Acceptance levels - 2/8/2002, \$32.00

EN 1713: 1998/prA1, Non destructive examination of welds - Ultrasonic examination - Characterization of indications in welds - 2/8/2002, \$36.00

EN 1714: 1997/prA1, Non-destructive examination of welds - Ultrasonic examination of welded joints - 2/8/2002, \$54.00

EN 12062: 1997/prA1, Non-destructive examination of welds - General rules for metallic materials - 2/8/2002, \$42.00

## 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.

### ARMOURSTONE

prEN 13383-1, Armourstone - Part 1: Specification

### CONCRETE

prEN 13055-1, Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout

### COOKING

prEN 30-1-4, Domestic cooking appliances burning gas - Part 1-4: Safety - Appliances having one or more burners with an automatic burner control system

### DENSITY METERS

prEN ISO 15212-2, Oscillation-type density meters - Part 2: Process instruments for homogeneous liquids (ISO/FDIS 15212-2: 2001)

### FIRE FIGHTING

prEN 1028-1, Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 1: Classification - General and safety requirements

prEN 1028-2, Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 2: Verification of general and safety requirements

prEN 1947, Fire-fighting hoses - Semi-rigid delivery hoses and hose assemblies for pumps and vehicles

### FOODSTUFFS

prEN 13804, Foodstuffs - Determination of trace elements - Performance criteria and general considerations and sample preparation

### GLASS

prEN 12758, Glass in building - Glazing and airborne sound insulation - Product descriptions and determination of properties

### HEATING SYSTEMS

prEN 12170, Heating systems in buildings - Procedure for the preparation of document for operation, maintenance and use - Heating systems requiring a trained operator

prEN 12171, Heating systems in buildings - Procedure for the preparation of documents for operation, maintenance and use - Heating systems not requiring a trained operator qualified for the purpose

prEN 12953-1, Shell boilers - Part 1: General

prEN 12953-2, Shell boilers - Part 2: Materials for pressure parts of boilers and accessories

### LPG

prEN 13776, Filling and discharge procedures for LPG road tankers

### MASONRY

prEN 1052-3, Methods of test for masonry - Part 3: Determination of initial shear strength

### PETROLEUM

prEN 13074, Petroleum products - Bitumen and bituminous binders - Recovery of binder from bitumen emulsions by evaporation

### POSTAL SERVICE

prEN 13850, Postal services - Quality of service - Measurement of the transit time of end-to-end services for single piece priority mail and first class mail

### ROAD VEHICLES

prEN ISO 15007-1, Road vehicles - Measurement of driver visual behaviour with respect to transport information and control systems - Part 1: Definitions and parameters (ISO/FDIS 15007-1: 2001)

### TEXTILES

prEN 13770, Textiles - Determination of the abrasion resistance of knitted footwear garments

### WATER

prEN ISO 15587-1, Water quality - Digestion for the determination of selected elements in water - Part 1: Aqua regia digestion (ISO/FDIS 15587-1: 2001)

prEN ISO 15587-2, Water quality - Digestion for the determination of selected elements in water - Part 2: Nitric acid digestion (ISO/FDIS 15587-2: 2001)

# 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.

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## PUBLIC REVIEW

D&E Communications

Public review: September 26, 2001 to December 25, 2001

### NETM

Organization: NETMANAGE  
 2 Gurdwara Road  
 Ottawa, 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

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

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## 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.

A one-page notification is prepared for each proposed regulation and contains the name of the notifying country, the type of product covered, a brief description of the regulation, and the final date for comments. Each notification is assigned a number (G/TBT/Notif.) by the WTO Secretariat for identification purposes. A 60-day comment period has been recommended by the Committee on Technical Barriers to Trade to allow sufficient time for review and comment.

In the United States, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology, serves as the U.S. WTO TBT inquiry point and receives copies of all the notifications, in English, to disseminate to interested parties. Notifications may be accessed via the NCSCI web site at <http://ts.nist.gov/ncsci> (click on World Trade Organization's Agreement on Technical Barriers to Trade, then click on Trade Compliance Center). To obtain copies of the full text of the regulations, contact NCSCI, NIST, 100 Bureau Drive, Stop 2150, Gaithersburg, MD 20899-2150; telephone (301) 975-4040; fax (301) 926-1559; e-mail - [ncsci@nist.gov](mailto:ncsci@nist.gov).

NCSCI maintains a current database of all notifications and prepares specialized reports, including listings by country, subject and G/TBT/Notif. number. To obtain additional information on the TBT Agreement, request an extension of the comment period, or express concerns that any regulation may unjustifiably impede exports, readers should contact NCSCI at the address above.

# 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 Ameri-

cas 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 <sup>1</sup>	Project	Document Stage <sup>2</sup>	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:**

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

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

<sup>2</sup> Document Stage Acronyms

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

# Information Concerning

## Accredited Organizations

### Approvals of Reaccreditation

#### American Society of Heating, Refrigerating, and Air Conditioning (ASHRAE)

The Executive Standards Council has approved the reaccreditation of the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE), using revised operating procedures under the Organization Method of developing consensus, effective November 21, 2001.

For additional information, please contact: Ms. Claire Ramspeck, Manager of Standards, ASHRAE, 1791 Tullie Circle, NE, Atlanta, GA 30329; PHONE: (404) 636-8400 ext. 502; FAX: (404) 32-5478; E-mail: cramspeck@ashrae.org.

#### ASTM

The Executive Standards Council has approved the reaccreditation of ASTM, using revised operating procedures under the Organization Method of developing consensus, effective November 20, 2001.

For additional information, please contact: Ms. Kathie Morgan, Director, ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428; PHONE: (610) 832-9721; FAX: (610) 832-9666; E-mail: kmorgan@astm.org.

#### NSF International

The Executive Standards Council has approved the reaccreditation of NSF International, using revised operating procedures under the Organization Method of developing consensus, effective November 13, 2001.

For additional information, please contact: Mr. Jim Kendzel, Vice-President, Standards, NSF International, 789 Dixboro Road, Ann Arbor, MI 48105; PHONE: (734) 827-6820; FAX: (734) 827-6831; E-mail: kendzel@nsf.org.

## International Organization for Standardization (ISO)

### Assignment of Subcommittee Secretariat

#### ISO/TC 207/SC 4 - Environmental Performance Evaluation

#### Comment Deadline: January 14, 2002

ASQ has offered to undertake the international secretariat of ISO subcommittee 4 of ISO/TC 207 for which ANSI Staff had been serving as secretary.

The scope of ISO/TC 207 is as follows:

Standardization in the field of environmental management tools and systems.

Excluded: test methods for pollutants which are the responsibility of ISO/TC 146 Air quality, ISO/TC 147 Water quality, ISO/TC 190 Soil quality and ISO/TC 43 Acoustics; setting limit values regarding pollutants or effluents; setting environmental performance levels; standardization of products. The TC for environmental management will have close cooperation with ISO/TC 176 in the field of environmental systems and audits.

Anyone submitting comments, please direct them by January 14, 2002 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or Fax: (212) 730-1346.

### Call for International Secretariat

#### ISO/TC 38/SC 22 - Textiles - Product Specifications

#### Comment Deadline: January 14, 2002

ANSI has been informed by the American Textile Manufacturers Institute (ATMI) that it no longer wishes to serve as the ANSI delegated International Secretariat for this Subcommittee.

The scope of ISO/TC 38 is as follows:

Standardization of: fibres, yarns, threads, cords, rope, cloth and other fabricated textile materials; and the methods of test, terminology and definitions relating thereto; textile industry raw materials, auxiliaries and chemical products required for processing and testing; specifications for textile products.

Any organization interested in the US undertaking the international Secretariat of ISO/TC 38/SC 22, please direct your request by January 14, 2002 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or Fax: (212) 730-1346.

### Resignation of International Secretariats

#### ISO/TC 39 - Machine tools

#### Comment Deadline: January 14, 2002

ANSI has been informed by ISO that Italy (UNI) no longer wishes to serve as the International Secretariat for this Technical Committee.

The scope of ISO/TC 39 is as follows:

Standardization of all machine tools for the working of metal, wood and plastics, operating by removal of material or by pressure.

Any organization interested in the US undertaking the international Secretariat of ISO/TC 39, please direct your request by January 14, 2002 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or Fax: (212) 730-1346.

#### ISO/TC 117 - Industrial Fans

#### Comment Deadline: January 14, 2002

ANSI has been informed by ISO that France (AFNOR) no longer wishes to serve as the International Secretariat for this Technical Committee.

The scope of ISO/TC 117 is as follows:

Standardization in the field of fans used for industrial purposes including the ventilation of buildings and mines.

Excluded: ceiling, pedestal and similar circulation types of fans such as those commonly used for non-industrial purposes.

Any organization interested in the US undertaking the international Secretariat of ISO/TC 117, please direct your request by January 14, 2001 to Henrietta Scully via e-mail: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or Fax: (212) 730-1346.



american national standards institute  
25 west 43<sup>rd</sup> Street, new york, ny 10036

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