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## American National Standards

### Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically.

#### 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: May 6, 2007

### NSF (NSF International)

#### Revisions

BSR/NSF 61-200x (i74), Drinking water system components - Health effects (revision of ANSI/NSF 61-2007)

Issue 74: To specifically identify flexible plumbing connectors in the scope of section 9 and transfer the evaluation of riser tubing to section 9, rather than section 4.

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

Send comments (with copy to BSR) to: Sarah Kozanecki, NSF;  
kozanecki@nsf.org

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 123-200x, Standard for Oxy-Fuel Gas Torches (Proposal dated 4/6/07) (revision of ANSI/UL 123-1997)

Revision to proposed Table 8D.1 based on comments.

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

Send comments (with copy to BSR) to: Marcia Kawate, UL-CA,  
Marcia.M.Kawate@us.ul.com

## Comment Deadline: May 21, 2007

### AMCA (Air Movement and Control Association)

#### Revisions

- ★ BSR/AMCA 230-200x, Laboratory Methods of Testing Air Circulator Fans for Rating and Certification (revision of ANSI/AMCA 230-1999)

Establishes uniform methods for laboratory testing of air circulating fans to determine performance in terms of thrust for rating, certification or guarantee purposes. This standard may be used as the basis for testing air circulating fan heads, ceiling fans, box fans, table fans, and portable personnel coolers, or other air circulating devices when air is used as the test gas.

Single copy price: \$5.00

Obtain an electronic copy from: jpakan@amca.org

Order from: John Pakan, AMCA; jpakan@amca.org

Send comments (with copy to BSR) to: Same

### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

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

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

For new standards and revisions, order from: Corice Leonard, ASTM ;  
cleonard@astm.org

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

Corice Leonard, ASTM ; cleonard@astm.org

#### New Standards

BSR/ASTM D1868-200x, Test Method for Detection and Measurement of Partial Discharge (Corona) Pulses in Evaluation of Insulation Systems (new standard)

Single copy price: \$34.00

BSR/ASTM D2468-200x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40 (new standard)

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BSR/ASTM D2780-200x, Test Method for Solubility of Fixed Gases in Liquids (new standard)

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BSR/ASTM D7215-200x, Test Method for Calculated Flash Point from Simulated Distillation Analysis of Distillate Fuels (new standard)

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BSR/ASTM D7343-200x, Practice for Optimization, Sample Handling, Calibration and Validation of X-Ray Fluorescence Spectrometry Methods for the Elemental Analysis of Petroleum Products and Lubricants (new standard)

Single copy price: \$35.00

- ★ BSR/ASTM D7347-200x, Standard Test Method for the Determination of Olefin Content in Denatured Ethanol by Supercritical Fluid Chromatography (new standard)

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BSR/ASTM E2572-200x, Specification for the Representation of the Human Name in Health Information Systems (new standard)

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BSR/ASTM WK6234-200x, Specification for 2 to 60 Inch (50 to 1500 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications (new standard)

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**Revisions**

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BSR/ASTM D94-200x, Test Methods for Saponification Number of Petroleum Products (revision of ANSI/ASTM D94-2002)

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BSR/ASTM D176-200x, Test Methods for Solid Filling and Treating Compounds Used for Electrical Insulation (revision of ANSI/ASTM D176-2000)

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### **Reaffirmations**

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BSR/ASTM D5291-2002 (R200x), Test Methods for Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Petroleum Products and Lubricants (reaffirmation of ANSI/ASTM D5291-2002)

Single copy price: \$34.00

BSR/ASTM D5305-1997 (R200x), Test Method for Determination of Ethyl Mercaptan in LP-Gas Vapor (reaffirmation of ANSI/ASTM D5305-1997 (R2002))

Single copy price: \$29.00

BSR/ASTM D5307-1997 (R200x), Test Method for Determination of Boiling Range Distribution of Crude Petroleum by Gas Chromatography (reaffirmation of ANSI/ASTM D5307-1997 (R2002))

Single copy price: \$34.00

BSR/ASTM D5598-2001 (R200x), Test Method for Evaluating Unleaded Automotive Spark-Ignition Engine Fuel for Electronic Port Fuel Injector Fouling (reaffirmation of ANSI/ASTM D5598-2001)

Single copy price: \$40.00

BSR/ASTM D5770-2002 (R200x), Test Method for Semiquantitative Micro Determination of Acid Number of Lubricating Oils During Oxidation Testing (reaffirmation of ANSI/ASTM D5770-2002)

Single copy price: \$29.00

BSR/ASTM D5984-1997 (R200x), Test Method for Semi-Quantitative Field Test Method for Base Number in New and Used Lubricants by Color-Indicator Titration (reaffirmation of ANSI/ASTM D5984-1997 (R2002))

Single copy price: \$29.00

BSR/ASTM D6120-1997 (R200x), Test Method for Electrical Resistivity of Anode and Cathode Carbon Material at Room Temperature (reaffirmation of ANSI/ASTM D6120-1997 (R2002))

Single copy price: \$29.00

BSR/ASTM D6200-2001 (R200x), Test Method for Determination of Cooling Characteristics of Quench Oils by Cooling Curve Analysis (reaffirmation of ANSI/ASTM D6200-2001)

Single copy price: \$34.00

BSR/ASTM D6710-2002 (R200x), Guide for Evaluation of Hydrocarbon-Based Quench Oil (reaffirmation of ANSI/ASTM D6710-2002)

Single copy price: \$34.00

BSR/ASTM D6749-2002 (R200x), Test Method for Pour Point of Petroleum Products Automatic Air Pressure Method (reaffirmation of ANSI/ASTM D6749-2002)

Single copy price: \$34.00

BSR/ASTM D6793-2002 (R200x), Test Method for Determination of Isothermal Secant and Tangent Bulk Modulus (reaffirmation of ANSI/ASTM D6793-2002)

Single copy price: \$34.00

BSR/ASTM D6794-2002 (R200x), Test Method for Measuring the Effect on Filterability of Engine Oils After Treatment with Various Amounts of Water and a Long 6-H Heating Time (reaffirmation of ANSI/ASTM D6794-2002)

Single copy price: \$34.00

BSR/ASTM D6795-2002 (R200x), Test Method for Measuring the Effect on Filterability of Engine Oils After Treatment with Water and Dry Ice and a Short 30 Min Heating Time (reaffirmation of ANSI/ASTM D6795-2002)

Single copy price: \$34.00

BSR/ASTM D6822-2002 (R200x), Test Method for Density, Relative Density, and API Gravity of Crude Petroleum and Liquid Petroleum Products by Thermohydrometer Method (reaffirmation of ANSI/ASTM D6822-2002)

Single copy price: \$34.00

BSR/ASTM F429-2001 (R200x), Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football (reaffirmation of ANSI/ASTM F429-2001)

Single copy price: \$34.00

BSR/ASTM F513-2000 (R200x), Safety Specification for Eye and Face Protective Equipment for Hockey Players (reaffirmation of ANSI/ASTM F513-2000)

Single copy price: \$40.00

BSR/ASTM F539-2002 (R200x), Practice for Fitting Athletic Footwear (reaffirmation of ANSI/ASTM F539-2002)

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BSR/ASTM F782-2001 (R200x), Specification for Doors, Furniture, Marine (reaffirmation of ANSI/ASTM F782-2001)

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BSR/ASTM F821-2001 (R200x), Specification for Domestic Use Doors and Frames, Steel, Interior, Marine (reaffirmation of ANSI/ASTM F821-2001)

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BSR/ASTM F869-2001 (R200x), Terminology Relating to Athletic Shoes and Biomechanics (reaffirmation of ANSI/ASTM F869-2001)

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BSR/ASTM F1003-2002 (R200x), Specification for Searchlights on Motor Lifeboats (reaffirmation of ANSI/ASTM F1003-2002)

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BSR/ASTM F1014-2002 (R200x), Specification for Flashlights on Vessels (reaffirmation of ANSI/ASTM F1014-2002)

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BSR/ASTM F1134-1997 (R200x), Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (reaffirmation of ANSI/ASTM F1134-1997 (R2002))

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BSR/ASTM F1178-2001 (R200x), Specification for Performance of Enameling System, Baking, Metal Joiner Work and Furniture (reaffirmation of ANSI/ASTM F1178-2001)

Single copy price: \$34.00

BSR/ASTM F1179-1997 (R200x), Practice for Inspection Procedure for Use of Anaerobic Thread Locking Compounds with Studs (reaffirmation of ANSI/ASTM F1179-1997)

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BSR/ASTM F1198-1997 (R200x), Guide for Shipboard Fire Detection Systems (reaffirmation of ANSI/ASTM F1198-1997 (R2002))

Single copy price: \$34.00

BSR/ASTM F1207/F1207M-1997 (R200x), Specification for Electrical Insulation Monitors for Monitoring Ground Resistance in Active Electrical Systems [Metric] (reaffirmation of ANSI/ASTM F1207/F1207M-1997 (R2002))

Single copy price: \$29.00

BSR/ASTM F1270-1997 (R200x), Practice for Preparing and Locating Emergency Muster Lists (reaffirmation of ANSI/ASTM F1270-1997)

Single copy price: \$29.00

BSR/ASTM F1312-90 (R200x), Specification for Brick, Insulating, High Temperature, Fire Clay (reaffirmation of ANSI/ASTM F1312-90 (R1997))

Single copy price: \$29.00

BSR/ASTM F1455-1992 (R200x), Guide for Selection of Structural Details for Ship Construction (reaffirmation of ANSI/ASTM F1455-1992 (R2001))

Single copy price: \$40.00

BSR/ASTM F1669M-1997 (R200x), Specification for Insulation Monitors for Shipboard Electrical Systems [Metric] (reaffirmation of ANSI/ASTM F1669M-1997 (R2002))

Single copy price: \$29.00

BSR/ASTM F1755/F1755M-1996 (R200x), Specification for Solid State Bargraph Meters for Shipboard Use (Metric) (reaffirmation of ANSI/ASTM F1755/F1755M-1996 (R2002))

Single copy price: \$34.00

BSR/ASTM F1835-1997 (R200x), Guide for Cable Splicing Installations (reaffirmation of ANSI/ASTM F1835-1997 (R2002))

Single copy price: \$40.00

BSR/ASTM F1836M-1997 (R200x), Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (reaffirmation of ANSI/ASTM F1836M-1997 (R2002))

Single copy price: \$34.00

BSR/ASTM F1837M-1997 (R200x), Specification for Heat-Shrink Cable Entry Seals (Metric) (reaffirmation of ANSI/ASTM F1837M-1997 (R2002))

Single copy price: \$34.00

★ BSR/ASTM F1935-2001 (R200x), Test Method for Measuring the Headroom of a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1935-2001)

Single copy price: \$29.00

BSR/ASTM F2087-2001 (R200x), Specification for Packing, Fiberglass, Braided, Rope, and Wick (reaffirmation of ANSI/ASTM F2087-2001)

Single copy price: \$29.00

BSR/ASTM F2133-2001 (R200x), Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Insulated Marine Bulkheads and Decks, Constructed of Steel (reaffirmation of ANSI/ASTM F2133-2001)

Single copy price: \$40.00

BSR/ASTM F2154-2001 (R200x), Specification for Sound-Absorbing Board, Fibrous Glass, Perforated Fibrous Glass Cloth Faced (reaffirmation of ANSI/ASTM F2154-2001)

Single copy price: \$29.00

### **Withdrawals**

BSR/ASTM D2852-200x, Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings (withdrawal of ANSI/ASTM D2852-1995 (R2002))

Single copy price: \$34.00

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

### **Reaffirmations**

BSR E1.16-2002 (R200x), Entertainment Technology - Configuration Standard for Metal-Halide Ballast Power Cables (reaffirmation of ANSI E1.16-2002)

Establishes a standard practice for grounding contact assignment for detachable power cables on 6-kW, 12-kW and 18-kW metal-halide ballasts used 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/documents/public\\_review\\_docs.php](http://www.esta.org/tsp/documents/public_review_docs.php)

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

Send comments (with copy to BSR) to: Same

## **HL7 (Health Level Seven)**

### **New Standards**

- ★ BSR/HL7 V3 ME DKBQ, R1-200x, HL7 Version 3 Standard: Medication; Drug Knowledge-Base Query, Release 1 (new standard)

Provides common medication constructs (through CMETs) for use by other HL7 TC/SIGs and provides messaging support drug knowledge-base queries. The Drug Knowledge-Base Query topic provides support to query drug knowledge-base applications that provide drug reference information. No material changes from the previous committee level ballot.

Single copy price: \$600.00

Obtain an electronic copy from: [karenvan@hl7.org](mailto:karenvan@hl7.org)

Order from: Karen Van Hentenryck, HL7; [karenvan@hl7.org](mailto:karenvan@hl7.org)

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 MRDACM, R1-200x, HL7 Version 3 Standard: Medical Records; Data Access Consent, Release 1 (new standard)

The Data Consent topic CMET and messages will allow a patient to consent to their health information being collected, accessed, used or disclosed, or to rescind such consent. There is support for a health care provider to gain emergency access and support for a patient to utilize a "shared secret" in managing their consent. Used in conjunction with the masking messages from the Shared Message Domain, the Data Consent messages will provide a patient the appropriate tools to manage their health information. This version of the document includes improved documentation, vocabulary, business name changes for the Shared Secret as agreed in reconciliation.

Single copy price: \$600.00

Obtain an electronic copy from: [karenvan@hl7.org](mailto:karenvan@hl7.org)

Order from: Karen Van Hentenryck, HL7; [karenvan@hl7.org](mailto:karenvan@hl7.org)

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 RBAC, R1-200x, HL7 V3 Standard: RBAC Healthcare Permission Catalog, Release 1 (new standard)

The Healthcare Permission Catalog provides the necessary content for creating interoperable roles facilitating inter-organizational communications and information sharing among healthcare organizations and their business partners. Since its last ballot as a DSTU in January 2006, the vocabulary has been updated to separate actions and objects, which previously had been described as bound pairs. Changes incorporate all earlier descriptions while allowing greater flexibility for future expansion.

Single copy price: \$600.00

Obtain an electronic copy from: [karenvan@hl7.org](mailto:karenvan@hl7.org)

Order from: Karen Van Hentenryck, HL7; [karenvan@hl7.org](mailto:karenvan@hl7.org)

Send comments (with copy to BSR) to: Same

### **Revisions**

BSR/HL7 V3 RCL, R2-200x, HL7 Version 3 Standard: Refinement, Constraint and Localization to Version 3 Messages, Release 2 (revision of ANSI/HL7 V3 RCL, R1-2003)

This version updates the language regarding conformance, clarifies constraint and refinement rules, and updates localization allowances. Changes reflect updates to sections 1.1, 2.1, 2.2, and 2.7. Introduces new section 2.4.3. Also various typographical and minor editorial corrections have been made.

Single copy price: \$600.00

Obtain an electronic copy from: [karenvan@hl7.org](mailto:karenvan@hl7.org)

Order from: Karen Van Hentenryck, HL7; [karenvan@hl7.org](mailto:karenvan@hl7.org)

Send comments (with copy to BSR) to: Same

## **ICC (International Code Council)**

### **New Standards**

BSR/ICC 500-200x, Standard on Design, Construction and Performance of Storm Shelters (new standard)

Provides technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe, reliable, and economical storm shelters to protect the public. It is intended that this Standard be used by design professionals, storm shelter designers, manufacturers, and constructors, building officials, emergency management personnel, and government officials to insure that storm shelters provide a consistently high level of protection to the sheltered public.

Single copy price: Free

Obtain an electronic copy from:

<http://www.iccsafe.org/cs/standards/is-stm/index.html>

Order from: Edward Wirtschoreck, ICC; [ewirtschoreck@iccsafe.org](mailto:ewirtschoreck@iccsafe.org)

Send comments (with copy to BSR) to: Same



## ITI (INCITS) (InterNational Committee for Information Technology Standards)

### Reaffirmations

BSR INCITS 358-2002 (R200x), Information technology - BioAPI Specification (Version 1.1) (reaffirmation of ANSI INCITS 358-2002)

Defines the Application Programming Interface and Service Provider Interface for a standard biometric technology interface. It is beyond the scope of this specification to define security requirements for biometric applications and service providers, although some related information is included by way of explanation of how the API is intended to support good security practices.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 9805-1-1998 (R200x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol specification - Part 1 (reaffirmation of INCITS/ISO/IEC 9805-1-1998)

This standard is to be applied by reference from other specifications. This is done within such specifications by reference to the CCR services defined in ITU-T Rec. X.8511/ISO/IEC 9804.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 9805-2-1996 (R200x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol Implementation Conformance Statement (PICS) proforma (reaffirmation of INCITS/ISO/IEC 9805-2-1996)

This standard is one of a set of International standards produced to facilitate the interconnection of information processing systems.

Single copy price: \$30.00

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

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### Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

ANSI INCITS 11-1990 (R2002), General Purpose Paper Cards for Information Processing (stabilized maintenance of ANSI INCITS 11-1990 (R2002))

This standard specifies the quality of paper, dimensions and quality of general purpose cards, and test methods for general purpose cards of 7-3/8 inch length.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 17-1981 (R2002), Character Set for Optical Character Recognition (OCR-A) (stabilized maintenance of ANSI INCITS 17-1981 (R2002))

Prescribes shapes and sizes of OCR-A alphanumeric characters and symbols for optical character recognition (OCR) systems.

Single copy price: \$30.00

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

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

ANSI INCITS 21-1967 (R2002), Rectangular Holes in Twelve-Row Punched Cards (stabilized maintenance of ANSI INCITS 21-1967 (R2002))

Specifies the size and location of rectangular holes in twelve-row 3-1/4-inch-wide punched cards.

Single copy price: \$30.00

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<http://webstore.ansi.org/ansidocstore/default.asp>

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

ANSI INCITS 39-1986 (R2002), Recorded Magnetic Tape for Information Interchange (1600 CPI, PE) (stabilized maintenance of ANSI INCITS 39-1986 (R2002))

This standard provides specifications for format and recording for a 1/2-inch (12.7-mm), 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing a code for information interchange that was agreed upon by the interchange parties.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 45-1982 (R2002), Information Systems - Character Set for Handprinting (stabilized maintenance of ANSI INCITS 45-1982 (R2002))

Prescribes shapes and sizes of handprinted characters to be used in Optical Character Recognition (OCR) systems and shapes of handprinted characters for man-to-man communication. The standard encompasses international requirements.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 46-1974 (R2002), Unrecorded Magnetic Six-Disk Pack (General, Physical, and Magnetic Characteristics) (stabilized maintenance of ANSI INCITS 46-1974 (R2002))

Specifies the general, physical and magnetic requirements for interchangeability of the magnetic six-disk pack, as required to achieve unrecorded pack interchange between disk storages and associated information processing systems.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 48-1986 (R2002), Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bps (800 bpi), PE (includes ANSI X3.48/TC-1-1995) (stabilized maintenance of ANSI INCITS 48-1986 (R2002))

This American National Standard for unrecorded and recorded cassettes containing 3.81-mm (0.150-in) -wide magnetic tape presents the minimum requirements for mechanical and magnetic interchangeability of the cassette and for data interchange between information processing systems, which are capable of utilizing a standard code for information interchange as agreed upon by the interchange parties, using a data density of 32 bps (800 bpi).

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 49-1975 (R2002), Character Set for Optical Character Recognition (OCR-B) (stabilized maintenance of ANSI INCITS 49-1975 (R2002))

Describes nominal shapes, sizes, and printing positions of OCR-B alphanumeric characters and symbols for optical character recognition (OCR) systems.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 52-1976 (R2002), Unrecorded Single Disk Cartridge (Front Loading, 22000 BPI), General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 52-1976 (R2002))

Specifies the general, physical, and magnetic requirements for interchangeability of the single-disk cartridge (front loading) as required to achieve unrecorded cartridge interchange between disk storage drive and associated information processing systems.

Single copy price: \$30.00

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<http://webstore.ansi.org/ansidocstore/default.asp>

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

ANSI INCITS 54-1986 (R2002), Recorded Magnetic Tape for Information Interchange (6250 CPI, Group Coded Recording) (stabilized maintenance of ANSI INCITS 54-1986 (R2002))

Provides specifications for a 1/2-inch (12.7 mm), 9-track magnetic tape to be used for information interchange among information processing systems, communication systems, and associated equipment utilizing a standard code as agreed upon by the interchange parties.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

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

ANSI INCITS 55-1992 (R2002), Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.250 Inch (6.30 mm), 1600 bpi (63 bps), Phase Encoded (stabilized maintenance of ANSI INCITS 55-1992 (R2002))

This standard for an unrecorded cartridge containing 0.250-inch (6.30 mm) magnetic tape presents the minimum requirements for the mechanical and magnetic interchangeability of the cartridge between information processing systems, communications systems, and associated equipment using the American National Standard Code for Information Interchange, ANSI X3.4: 1977 (ASCII).

Single copy price: \$30.00

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ANSI INCITS 56-1986 (R2002), Recorded Magnetic Tape Cartridge for Information Interchange (4-Track, 0.250 Inch, 1600 BPI, Phase Encoded) (stabilized maintenance of ANSI INCITS 56-1986 (R2002))

Provides a format and recording standard for a 0.250-in (6.30-mm) wide 4-track, magnetic tape in a cartridge to be used for information interchange between information processing systems, communication systems, and associated equipment utilizing a standard code, as agreed upon by the interchange parties.

Single copy price: \$30.00

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

ANSI INCITS 58-1977 (R2002), Unrecorded Eleven-Disk Pack - General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 58-1977 (R2002))

Specifies the general, physical and magnetic requirements for the physical interchange of magnetic eleven-disk packs for use in electronic data processing systems.

Single copy price: \$30.00

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

ANSI INCITS 62-1987 (R2002), Information Systems - Optical Character Recognition (OCR) - Paper Used in OCR Systems (stabilized maintenance of ANSI INCITS 62-1987 (R2002))

Incorporates new wording for subclause 3.5.2 to better reflect the preset state and practical use of OCR papers and equipment, as well as incorporate procedures from existing recognized standards.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

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

ANSI INCITS 62-1987/AM1-1999 (R2002), Information Systems - Optical Character Recognition (OCR) - Paper Used in OCR Systems - Amendment 1 (stabilized maintenance of ANSI INCITS 62-1987/AM1-1999 (R2002))

Contains basic definitions, measurement requirements, specifications, and recommendations for papers used with optical character recognition readers.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

**ANSI INCITS 73-1980 (R2002), Cartridge, Single-Sided Unformatted Flexible Disk (for 6631 BPR Use) (stabilized maintenance of ANSI INCITS 73-1980 (R2002))**

This standard specifies the general, physical, and magnetic requirements for interchangeability of the single-sided flexible disk cartridge - for use at 6631 bits per radian (BPR) - as required to achieve unformatted disk cartridge interchange among disk drives and associated information processing systems.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 76-1981 (R2002), Unformatted Single Disk Cartridge (Top Loading, 200 TPI, 4400 BPI) - General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 76-1981 (R2002))**

Specifies the general, physical, and magnetic requirements for interchangeability of the single-disk cartridge (top loading) as required to achieve unrecorded cartridge interchange between disk storages and associated information processing systems.

Single copy price: \$30.00

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<http://webstore.ansi.org/ansidocstore/default.asp>

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

**ANSI INCITS 86-1980 (R2002), Inks, Optical Character Recognition (OCR) (stabilized maintenance of ANSI INCITS 86-1980 (R2002))**

Specifies optical character recognition (OCR) inks by their spectral characteristics for different users with the OCR community. It includes definitions, test methods, and information needed to apply this standard.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 89-1981 (R2002), Unrecorded Single-Disk Double-Density Cartridge (Front Loading, 2200 BPI, 200 TPI), General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 89-1981 (R2002))**

Specifies the general, physical, and magnetic requirements for interchangeability of the single-disk cartridge (front loading) as required to achieve unrecorded cartridge interchange between disk storages and associated information processing systems.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 93M-1981 (R2002), Optical Character Recognition Positioning (stabilized maintenance of ANSI INCITS 93M-1981 (R2002))**

Specifies the location of OCR-A and OCR-B characters in relationship to other characters on a document or page and to reference points of the document or page.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 94-1985 (R2002), Programming Aid to Numerically Controlled Manufacturing (PANCM) (stabilized maintenance of ANSI INCITS 94-1985 (R2002))**

Standardizes the language features of the SPLIT, ACTION, and COMPACT II languages, to ensure compatibility of language enhancements and to promote portability of part programs between implementations.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 96-1983 (R2002), Forms, Paper Sizes for Single-Part Continuous Business (stabilized maintenance of ANSI INCITS 96-1983 (R2002))**

Specifies sizes for single-part continuous business forms for use in handwritten or machine applications, or both. Such forms are continuous lengths of forms that have sprocket feed holes in both the left and right margins.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 99-1983 (R2002), Guideline for Optical Character Recognition (OCR) Print Quality (stabilized maintenance of ANSI INCITS 99-1983 (R2002))**

Describes the print quality parameters and measuring techniques for determining the quality of machine-printed characters to maximize the likelihood that they can be read by electro-optical means.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 111-1986 (R2002), Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-M (stabilized maintenance of ANSI INCITS 111-1986 (R2002))**

Describes the matrix of dot placement and size limits for OCR-MA alphanumeric characters and symbols for optical character recognition (OCR) systems.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

**ANSI INCITS 112-1984 (R2002), 14-inch (356-mm) Diameter and Low Surface Friction Magnetic Storage Disk (stabilized maintenance of ANSI INCITS 112-1984 (R2002))**

Provides the mechanical, physical and magnetic properties of a magnetic disk with a 14-inch (356-mm) diameter and low surface friction intended for mounting in data storage devices operating at 160 or flux transitions per track and at typical track density of 480 tracks per inch (tpi).

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 115-1984 (R2002), Unformatted 80 Megabyte Trident Pack for Use at 370 TPI and 6000 BPI - Physical, Mechanical and Magnetic Characteristics (stabilized maintenance of ANSI INCITS 115-1984 (R2002))

Specifies the general, physical and magnetic requirements for interchangeability of the five disk pack, as required to achieve unrecorded pack interchange between disk storages and associated information processing systems.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 116-1986 (R2002), Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPMM) Inverted Modified Frequency Modulation Encoded (stabilized maintenance of ANSI INCITS 116-1986 (R2002))

This American National Standard is intended to provide a format and recording standard for a 0.250-inch (6.30-mm) wide, 4-track magnetic tape in a cartridge to be used for information interchange between information processing systems, communications systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 117-1984 (R2002), Printable/Image Areas for Text and Facsimile Communication Equipment (stabilized maintenance of ANSI INCITS 117-1984 (R2002))

This standard defines the sizes and location of the printable/image areas common to both the ISO A4 and North American paper sizes for international communication on text and facsimile equipment.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 119-1984 (R2002), Contact Start/Stop Storage Disk, 158361 Flux Transitions per Track, 8.268 Inch (210 mm) Outer Diameter and 3.937 Inch (100 mm) Inner Diameter (stabilized maintenance of ANSI INCITS 119-1984 (R2002))

Provides the mechanical, physical and magnetic properties of a magnetic disk with an 8.268 in (210 mm) diameter and low surface friction intended for mounting in data storage devices. A typical recording density is 480 tpi with 8464 flux transitions per inch (ftpi) at a radius of 2.978 in (78,64 mm).

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 120-1984 (R2002), Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of ANSI INCITS 120-1984 (R2002))

Provides the mechanical, physical and magnetic properties of a magnetic disk with an 7.874-in (200-mm) diameter and low surface friction intended for mounting in data storage devices. A typical recording density is 480 tpi with 6858 fluxtransitions per inch (ftpi) at a radius of 2.224 in (56,49 mm).

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 126-1986 (R2002), One- and Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 96 Tracks per Inch (3.8 Tracks per mm) Flexible Disk Cartridge - General, Physical, and Magnetic Requirements for 7958 BPR Use (stabilized maintenance of ANSI INCITS 126-1986 (R2002))

This standard specifies the general, physical, and magnetic requirements for interchangeability of the one - or two-sided, 5.25-Inch (130-mm) (nominal), 96-tracks-per-inch (tpi) (3,8-tracks-per-millimeter (tpmm)) flexible disk cartridge (for 7958-bits-per-radian (bpr) use) as required to achieve unformatted disk cartridge interchange among disk drives using 80 tracks per side and associated information processing systems

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 127-1987 (R2002), Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.250 Inch (6.30 mm), 6400-10 000 ftpi (252-394 ftpmm) (stabilized maintenance of ANSI INCITS 127-1987 (R2002))

Presents the minimum requirements for an unrecorded cartridge containing 0.250-inch (6.30-mm) wide magnetic tape regarding the mechanical and magnetic interchangeability of the cartridge between information processing systems, using physical recording densities in the range of 6400 to 10 000 flux transitions per inch (ftpi) (252 to 394 flux transitions per millimeter (ftpm)).

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 136-1986 (R2002), Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bpmm), Streaming Mode, Group Code Recording (stabilized maintenance of ANSI INCITS 136-1986 (R2002))

Provides a format and recording standard for an 8000-bpi (315-bpmm) streaming 0.250-inch (6.3-mm) wide, 4- and 9-track, magnetic tape in a cartridge to be used for information interchange between information processing systems, communication systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties.

Single copy price: \$30.00

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

Order from: Customer Service, ANSI

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

ANSI INCITS 139-1987 (R2002), Information Systems - Fiber Distributed Data Interface (FDDI) - Token Ring Media Access Control (MAC) (stabilized maintenance of ANSI INCITS 139-1987 (R2002))

Specifies the Media Access Control (MAC), the lower sublayer of the Data Link Layer (DLL), for the Fiber Distributed Data Interface (FDDI).

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 150-1987 (R2002), Business Machines, Data Processing Equipment and Business Forms - Character and Line Spacing (stabilized maintenance of ANSI INCITS 150-1987 (R2002))

This standard specifies the most commonly used character line spacings for office machines and data processing equipment.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 151-1987 (R2002), Bond Papers and Index Bristols - Common Sheet Sizes (stabilized maintenance of ANSI INCITS 151-1987 (R2002))

This standard (1) lists the preferred and common sheet sizes of bond papers and index bristols and their applicable tolerances; (2) cross references to metric sizes, and (3) references a standard test method.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 152-1987 (R2002), Specifications for Noncarbonized, Single-Ply, Adding Machine Paper Rolls (stabilized maintenance of ANSI INCITS 152-1987 (R2002))

This standard provides the following specifications for adding machine paper rolls: terminology; roll widths; roll length; paper substance and quality, thickness, finish, color, brightness, opacity, tearing and bursting strength; diameter of rolls; winding and cutting, core materials; diameter of core and spindle hole; roll end sealing; and quantity packaging and cartoning.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 163-1988 (R2002), Information Systems - Contact Start/Stop Metallic Film Storage Disk - 83,333 Flux Transitions Per Track, 130-mm (5.118-in) Outer Diameter and 40-mm (1.575-in) Inner Diameter (stabilized maintenance of ANSI INCITS 163-1988 (R2002))

Specifies the general, physical, and magnetic requirements for interchangeability for the two-sided, 5.25-in (130-mm) flexible disk cartridge (for 13262 flux transitions per radian use) as required to achieve unformatted disk cartridge interchange among disk drives using 77 or 80 tracks per side and associated information processing systems.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 165-1992 (R2002), Information Systems - Programming Language - DIBOL (stabilized maintenance of ANSI INCITS 165-1992 (R2002))

This standard is designed to promote the interchangeability of DIBOL programs among a variety of computers. Programs conforming to this standard will be said to be written in DIBOL.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 179-1990 (R2002), 95-mm Diameter Rigid Digital Recording Disk (stabilized maintenance of ANSI INCITS 179-1990 (R2002))

Provides the mechanical, physical and magnetic properties of a low-friction disk with a diameter of 95 mm (3.740 inches) and with a typical recording density of 31.5 tracks per millimeter (tpmm) (800 tracks per inch (tpi)) with 567 flux transitions per millimeter (ftpm) (14 400 flux transitions per inch (ftpi)) at a radius of 23 mm (0.900 inch).

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 182-1990 (R2002), Guideline for Bar Code Print Quality (stabilized maintenance of ANSI INCITS 182-1990 (R2002))

Covers the optical characteristics of a printed bar code symbol. This document shall be used with the appropriate application specifications, or symbology specifications, or both. The appropriate application specifications, or symbology specifications, or both, shall take precedence over this guideline.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 186-1992 (R2002), Information Systems - Fiber-Distributed Data Interface (FDDI) - Hybrid Ring Control (HRC) (stabilized maintenance of ANSI INCITS 186-1992 (R2002))

Specifies a Hybrid Ring Control (HRC) protocol that provides a mode of operation in which both packet switched and isochronous data are transmitted within the same special frame structure, called a cycle.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 189-1991 (R2002), Information Systems - Interface between DTE and DCE for Terminals Operating in the Packet Mode and Accessing a Packet-Switched Public Data Network Through Switched Access (stabilized maintenance of ANSI INCITS 189-1991 (R2002))

Adopts the international CCITT X.32 standard, modifications and extensions to apply to DTE/DCE interfaces.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 197-1991 (R2002), Information Systems - Unrecorded Magnetic Tape and Cartridge for Information Interchange 1/2 in (12.65 mm), Serial Serpentine, 22-Track, 6667 fpi (262 ftpmm) and 48-Track, 10,000 fpi (394 ftpmm) (stabilized maintenance of ANSI INCITS 197-1991 (R2002))

Provides the requirements for a tape cartridge to be used for information interchange among information-processing systems, and associated equipment. This standard provides the general requirements, definitions, physical and magnetic tape characteristics, and the tape cartridge requirements.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 203-1992 (R2002), Information Systems - Helical-Scan Digital Computer Tape Cartridge for Information Interchange (3.81 mm (0.150 in) Digital Data Storage (DDS) Recorded Format) (stabilized maintenance of ANSI INCITS 203-1992 (R2002))

Provides the requirements for the helical-scan recording method and the Digital Data Storage (DDS) recorded format of a 3.81-mm (0.150-in) magnetic tape cartridge to be used for information interchange between information processing systems. Information interchange between information processing systems requires the use of this standard in conjunction with the unrecorded tape and cartridge requirements provided by the American National Standard for Information Systems - Unrecorded Helical-Scan Digital Computer Tape Cartridge for Information Interchange, 3.81-mm (0.150-in), ANSI INCITS 206-1993.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 204-1992 (R2002), Information Systems - Recorded Magnetic Tape for Information Interchange, 15 and 18 Track, 0.250-inch (6.35-mm) 10 000-bpi (394-bpmm) Streaming Mode, Group Code Recording (stabilized maintenance of ANSI INCITS 204-1992 (R2002))

Provides the requirements for a standard for a streaming 0.250-inch (6.30-mm) -wide, 15- and 18-Track, magnetic tape in a cartridge to be used for information interchange between information processing systems, communications systems, and associated equipment utilizing a standard code for information interchange, as agreed upon by the interchange parties. This standard refers solely to recording on magnetic tape.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

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

ANSI INCITS 205-1992 (R2002), Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in), DATA/DAT Recorded Format for Information Interchange (stabilized maintenance of ANSI INCITS 205-1992 (R2002))

Provides the requirements for the Helical-Scan recording method and the DATA/DAT recorded format of a 3.81-mm (0.150-in) magnetic tape cartridge to be used for information interchange between information processing systems.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

ANSI INCITS 209-1992 (R2002), Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-MB (stabilized maintenance of ANSI INCITS 209-1992 (R2002))

Describes the matrix of dot placement and size limits for OCR-MB alphanumeric characters and symbols for optical character recognition (OCR) systems.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

INCITS/ISO 4341-1978 (R2002), Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Interchange (stabilized maintenance of INCITS/ISO 4341-1978 (R2002))

Specifies file structures for data interchange on magnetic tape cassettes. To provide for the range of sophistication in equipment and applications, the basic, compact, and extended systems are specified. This standard is not limited to the 3.81-mm magnetic tape cassette described in ISO 3407, but could also be applied to higher capacity cassettes or cartridges.

Single copy price: \$30.00

Obtain an electronic copy from:

<http://webstore.ansi.org/ansidocstore/default.asp>

Order from: Customer Service, ANSI

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

## **NCPDP (National Council for Prescription Drug Programs)**

### ***New Standards***

- ★ BSR/NCPDP MS V3.0-200x, Medicaid Subrogation Implementation Guide for Batch Standard Version 3.0 (new standard)

The standard is intended to meet an industry need to standardize communication of claim information from the payer of last resort to other payers.

Single copy price: \$650

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

Order from: Kitty Krempin, NCPDP; [kkrempin@ncdpd.org](mailto:kkrempin@ncdpd.org)

Send comments (with copy to BSR) to: Same

## Revisions

BSR/NCPDP TC VD.0-200x, Telecommunication Standard Version D.0 (revision and redesignation of ANSI/NCPDP TC VC.4-2007)

The standard supports the format for electronic communication of pharmacy service-related billing, prior-authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content and other appropriate telecommunication requirements.

Single copy price: \$650.00

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

Order from: Kitty Krempin, NCPDP; [kkrempin@ncdpd.org](mailto:kkrempin@ncdpd.org)

Send comments (with copy to BSR) to: Same

## NIRMA (Nuclear Information and Records Management Association)

### Revisions

BSR/NIRMA CM 1.0-200x, Guidelines for Configuration Management of Nuclear Facilities (revision of ANSI/NIRMA CM 1.0-2000)

This standard provides guidelines for the development and implementation of Configuration Management (CM) Programs by organizations operating nuclear facilities. The principle focus is on establishing essential elements of a CM Program and identifying associated industry-acceptable approaches for satisfying the requirements for each element. Its purpose is to be a guidance document not a prescriptive standard. The goal is to ensure the consistency between the design requirements, physical installations and related facility information for nuclear power plants and other nuclear facilities as applicable.

Single copy price: Free

Obtain an electronic copy from: [jnirma@nirma.mv.com](mailto:jnirma@nirma.mv.com)

Send comments (with copy to BSR) to: Jane Hannum, NIRMA; [jnirma@nirma.mv.com](mailto:jnirma@nirma.mv.com)

## NSF (NSF International)

### New Standards

- ★ BSR/NSF 330-200x (i1), Glossary of drinking water treatment unit terminology (new standard)

Issue 1 - To create a glossary of terms for the drinking-water treatment unit Standards.

Single copy price: \$35.00

Obtain an electronic copy from:

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

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org)

Send comments (with copy to BSR) to: Same

## TIA (Telecommunications Industry Association)

### Revisions

BSR/TIA 568-C.3-200x, Optical Fiber Cabling Components Standard (revision of ANSI/TIA 568-B-3-2000)

This standard is applicable to premises optical fiber cabling components. Specified in this Standard are requirements for components, such as cable, connectors, connecting hardware and patch cords.

Single copy price: \$70.00

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

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkrarikova@tiaonline.org](mailto:mkrarikova@tiaonline.org)

## Reaffirmations

BSR/TIA 606-A-2002 (R200x), Administration Standard for Commercial Telecommunications Infrastructure (reaffirmation of ANSI/TIA 606-A-2002)

This Standard specifies administration systems for commercial telecommunications infrastructure. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated, and new buildings.

Single copy price: \$109.00

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

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkrarikova@tiaonline.org](mailto:mkrarikova@tiaonline.org)

## UL (Underwriters Laboratories, Inc.)

### New National Adoptions

- ★ BSR/UL 60745-1-200x, Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (identical national adoption and revision of ANSI/UL 60745-1-2005)

Adopts the fourth edition of IEC 60745-1, Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements as the fourth edition of UL 60745-1.

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: Beth Northcott, UL-IL; [Elizabeth.Northcott@us.ul.com](mailto:Elizabeth.Northcott@us.ul.com)

### Revisions

BSR/UL 83-200x, Standard for Safety for Thermoplastic-Insulated Wires and Cables (revision of ANSI/UL 83-2003)

Revises the test methods based on the publication of UL 2556 and other general, construction, performance, and marking requirements revisions.

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: Camille Alma, UL; [Camille.A.Alma@us.ul.com](mailto:Camille.A.Alma@us.ul.com)

BSR/UL 142-200x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2006)

The ninth edition of UL 142 is being proposed to be revised as follows:

- (1) Revision to the scope for clarification;
- (2) Revisions to glossary terms;
- (3) Revisions regarding capacity and dimensions;
- (4) Revision to requirements regarding bracings;
- (5) Revisions regarding tank bottoms and supports;
- (6) Revisions to clarify manways;
- (7) Revision to requirement regarding normal and emergency venting;
- (8) Additional weld joint design for Figure 6.3;
- (9) Addition of a lift lug test; and
- (10) Deletion of the Canadian Requirements Comparison Guide (CRG).

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: Jeffrey Prusko, UL-IL; [Jeffrey.Prusko@us.ul.com](mailto:Jeffrey.Prusko@us.ul.com)

BSR/UL 498-200x, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated April 6, 2007) (revision of ANSI/UL 498-2006)

Provides substantive changes on UL 498 (Proposal dated February 16,

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: Patricia Sena, UL-NY;  
Patricia.A.Sena@us.ul.com

BSR/UL 2556-200x, Standard for Safety for Wire and Cable Test Methods (revision of ANSI/UL 2556-2005)

Provides:

- Addition of Flame Tests;
- Addition of a figure illustrating the Spark Test Bead Chain configuration;
- Correction of several temperature correction factors in Table E.1; and
- Editorial change to 3.3.4.1.

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: Camille Alma, UL;  
Camille.A.Alma@us.ul.com

### **Reaffirmations**

BSR/UL 1313-2003 (R200x), Standard for Nonmetallic Safety Cans for Petroleum Products (reaffirmation of ANSI/UL 1313-2003)

These requirements cover nonmetallic safety cans that have nominal capacities of 5 Imperial gallons or less and that are primarily intended to store and handle fuel oil, gasoline, and kerosene. These requirements cover cans of two types, designated as Type I and Type II.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

## **Comment Deadline: June 5, 2007**

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

### **ANS (American Nuclear Society)**

#### **New Standards**

BSR/ANS 8.27-200x, Burnup Credit for LWR Fuels (new standard)

This standard provides criteria for accounting for the reactivity effects of fuel irradiation and radioactive decay in performing criticality safety evaluations for storage, transportation, and disposal of commercial LWR fuel assemblies. This standard also provides requirements and recommendations on specifying the burnup of fuel for input to criticality safety evaluation(s).

Single copy price: \$35.00

Obtain an electronic copy from: Sue Cook, ANS; [orders@ans.org](mailto:orders@ans.org)

Order from: Sue Cook, ANS; [orders@ans.org](mailto:orders@ans.org)

Send comments (with copy to BSR) to: Patricia Schroeder, ANS;  
[pschroeder@ans.org](mailto:pschroeder@ans.org)

## **Projects Withdrawn from Consideration**

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

### **ASTM (ASTM International)**

BSR/ASTM E1667-200x, Classification for Serviceability of an Office Facility for Image to the Public and Occupants (new standard)

BSR/ASTM E1668-200x, Classification for Serviceability of an Office Facility for Amenities to Attract and Retain Staff (revision of ANSI/ASTM E1668-1995A (R2005))

BSR/ASTM E1669-200x, Classification for Serviceability of an Office Facility for Location, Access and Wayfinding (revision of ANSI/ASTM E1669-1995A (R2005))

BSR/ASTM E1670-200x, Classification for Serviceability of an Office Facility for Management of Operations and Maintenance (revision of ANSI/ASTM E1670-1995A (R2005))

BSR/ASTM E1671-200x, Classification for Serviceability of an Office Facility for Cleanliness (revision of ANSI/ASTM E1671-1995A (R2005))

BSR/ASTM E1679-200x, Practice for Setting the Requirements for the Serviceability of a Building or Building-Related Facility (revision of ANSI/ASTM E1679-1995 (R2005))

BSR/ASTM E1692-200x, Classification for Serviceability of an Office Facility for Change and Churn by Occupants (revision of ANSI/ASTM E1692-1995A (R2005))

BSR/ASTM E1693-200x, Classification for Serviceability of an Office Facility for Protection of Occupant Assets (revision of ANSI/ASTM E1693-1995 (R2005))

BSR/ASTM E1694-200x, Classification for Serviceability of an Office Facility for Special Facilities and Technologies (revision of ANSI/ASTM E1694-1995A (R2005))

BSR/ASTM E1700-200x, Classification for Serviceability of an Office Facility for Structure and Building Envelope (revision of ANSI/ASTM E1700-1995 (R2005))

BSR/ASTM E1701-200x, Classification for Serviceability of an Office Facility for Manageability (revision of ANSI/ASTM E1701-1995 (R2005))

### **AWS (American Welding Society)**

BSR/AWS D8.10M-200x, Recommended Practices for Automotive Laser Beam Welding - Sheet Steel in Butt Joint Configurations (new standard)

### **HL7 (Health Level Seven)**

BSR/HL7 V3 CG, R1-200x, HL7 Version 3 Standard: Clinical Genomics, Release 1 (new standard)

BSR/HL7 V3 PC, R1-200x, HL7 Version 3 Standard: Care Provision, Release 1 (new standard)



## Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI 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 or E-Mail to [psa@ansi.org](mailto:psa@ansi.org).

**Comment Deadline: May 6, 2007**

### **AMT (ASC B11) (Association for Manufacturing Technology)**

ANSI B11.TR7-2007, Designing for Safety and Lean Manufacturing: A guide on integrating safety and lean manufacturing principles in the use of machinery (NOT AN AMERICAN NATIONAL STANDARD) (technical report)

This Technical Report provides guidance on the practical application of safety and lean manufacturing principles to machines and manufacturing systems for improving performance, safety and quality by reducing injury and waste. The guidance in this technical report assists machine tool suppliers and users in minimizing waste and risk associated with machines and manufacturing systems, including individual and integrated machine tools and auxiliary components.

Single copy price: \$65.00

Order from: Cindy Haas, AMT (ASC B11); [clhaas@amtonline.org](mailto:clhaas@amtonline.org)

Send comments (with copy to BSR) to: David Felinski, AMT (ASC B11); [dfelinski@mfgtech.org](mailto:dfelinski@mfgtech.org)

# Call for Comment Contact Information

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

## Order from:

### AMCA

AMCA International, Inc.  
30 West University Drive  
Arlington Heights, IL 60004-1893  
Phone: 847-394-0150  
Fax: 847-253-0088  
Web: [www.amca.org](http://www.amca.org)

### AMT (ASC B11)

Association for Manufacturing  
Technology  
7901 Westpark Drive  
McLean, VA 22102-4206  
Phone: (703) 827-5211  
Fax: (703) 893-1151  
Web: [www.amtonline.org](http://www.amtonline.org)

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525  
Phone: (708) 579-8210  
Fax: (708) 352-6464  
Web: [www.ans.org/main.html](http://www.ans.org/main.html)

### ANSI

American National Standards  
Institute  
25 West 43rd Street  
4th Floor  
New York, NY 10036  
Phone: (212) 642-4980  
Fax: (303) 379-2740  
Web: [www.ansi.org](http://www.ansi.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: 610-832-9743  
Web: [www.astm.org](http://www.astm.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### ESTA (ASC E1)

Entertainment Services and  
Technology Association  
875 Sixth Avenue, Suite 1005  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: [www.esta.org](http://www.esta.org)

### Global Engineering Documents

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

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104-4250  
Phone: (734) 677-7777 x104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### ICC

International Code Council  
4051 West Flossmoor Road  
Country Club Hills, IL 60478-5795  
Phone: (888) 422-7233  
Fax: (800) 214-7167  
Web: [www.iccsafe.org/index.html](http://www.iccsafe.org/index.html)

### NCPDP

National Council for Prescription  
Drug Programs  
9240 E. Raintree Drive  
Scottsdale, AZ 85260  
Phone: (480) 477-1000  
Web: [www.ncdpd.org](http://www.ncdpd.org)

### NSF

NSF International  
P.O. Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 827-6806  
Fax: (734) 827-6831  
Web: [www.nsf.org](http://www.nsf.org)

## Send comments to:

### **AMCA**

AMCA International, Inc.  
30 West University Drive  
Arlington Heights, IL 60004-1893  
Phone: 847-394-0150  
Fax: 847-253-0088  
Web: [www.amca.org](http://www.amca.org)

### **AMT (ASC B11)**

Association for Manufacturing  
Technology  
7901 Westpark Drive  
McLean, VA 22102-4206  
Phone: (703) 827-5211  
Fax: (703) 893-1151  
Web: [www.amtonline.org](http://www.amtonline.org)

### **ANS**

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525  
Phone: (708) 579-8269  
Fax: (708) 352-6464  
Web: [www.ans.org/main.html](http://www.ans.org/main.html)

### **ASTM**

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: 610-832-9743  
Web: [www.astm.org](http://www.astm.org)

### **ESTA (ASC E1)**

Entertainment Services and  
Technology Association  
875 Sixth Avenue, Suite 1005  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: [www.esta.org](http://www.esta.org)

### **HL7**

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104-4250  
Phone: (734) 677-7777 x104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### **ICC**

International Code Council  
4051 West Flossmoor Road  
Country Club Hills, IL 60478-5795  
Phone: (888) 422-7233  
Fax: (800) 214-7167  
Web: [www.iccsafe.org/index.html](http://www.iccsafe.org/index.html)

### **ITI (INCITS)**

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

### **NCPDP**

National Council for Prescription  
Drug Programs  
9240 E. Raintree Drive  
Scottsdale, AZ 85260  
Phone: (480) 477-1000  
Web: [www.ncdpd.org](http://www.ncdpd.org)

### **NIRMA**

Nuclear Information and Records  
Management Association  
210 Fifth Avenue Suite 1102  
New York, NY 10010  
Phone: (603) 432-6476  
Fax: (603) 432-3024  
Web: [www.nirma.org](http://www.nirma.org)

### **NSF**

NSF International  
P.O. Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 827-6806  
Fax: (734) 827-6831  
Web: [www.nsf.org](http://www.nsf.org)

### **TIA**

Telecommunications Industry  
Association  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201  
Phone: 703-907-7706  
Fax: 703-907-7728  
Web: [www.tiaonline.org](http://www.tiaonline.org)

### **UL**

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747  
Phone: (631) 271-6200  
Web: [www.ul.com/](http://www.ul.com/)

### **UL-CA**

Underwriters Laboratories, Inc.  
455 E Trimble Road  
San Jose, CA 95131-1230  
Phone: (408) 754-6500  
Fax: (408) 689-6500

### **UL-IL**

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-3198  
Fax: (847) 313-3198

### **UL-NY**

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747-3081  
Phone: (631) 271-6200 ext 22735,  
or 803-787-1398

# Initiation of Canvasses

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

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## **AMCA (Air Movement and Control Association)**

Contact: John Pakan, AMCA; [jpakan@amca.org](mailto:jpakan@amca.org)

BSR/AMCA 230-200x, Laboratory Methods of Testing Air Circulator Fans  
for Rating and Certification (revision of ANSI/AMCA 230-1999)

# Final actions on American National Standards

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

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

### **Addenda**

ANSI/ASHRAE 34v-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004): 3/27/2007

ANSI/ASHRAE 34w-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004): 3/27/2007

ANSI/ASHRAE/IESNA 90.1an-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004): 3/27/2007

ANSI/ASHRAE/IESNA 90.1ao-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004): 3/27/2007

### **New Standards**

ANSI/ASHRAE 124-2007, Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances (new standard): 3/26/2007

### **Reaffirmations**

ANSI/ASHRAE 32.2-2003 (R2007), Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment (reaffirmation of ANSI/ASHRAE 32.2-2003): 3/26/2007

### **Supplements**

ANSI/ASHRAE 62.2h-2007, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 62.2-2004): 3/27/2007

ANSI/ASHRAE 135e-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004): 3/26/2007

ANSI/ASHRAE 135f-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004): 3/26/2007

ANSI/ASHRAE/IESNA 90.1ai -2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004): 3/27/2007

ANSI/ASHRAE/IESNA 90.1ac-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004): 3/27/2007

ANSI/ASHRAE/IESNA 90.1ae-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004): 3/27/2007

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

### **Reaffirmations**

ANSI/ASME Y14.6-2001 (R2007), Screw Thread Representation (reaffirmation of ANSI/ASME Y14.6-2001): 4/2/2007

## **ASTM (ASTM International)**

### **Reaffirmations**

ANSI/ASTM F758-1995 (R2006), Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage (reaffirmation of ANSI/ASTM F758-1995 (R2000)): 8/15/2006

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

### **New Standards**

ANSI ATIS 1000013-2007, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services (new standard): 4/2/2007

## **CEA (Consumer Electronics Association)**

### **New Standards**

ANSI/CEA 803-A-2007, Mobile Electronics Wiring Designations for Audio, and Vehicle Security/Convenience (new standard): 4/2/2007

ANSI/CEA 885-2007, Remote Starter Safety (new standard): 4/2/2007

## **CSA (3) (CSA America, Inc.)**

### **Revisions**

ANSI Z21.13b-2007, Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9b) (revision of ANSI Z21.13-2004 and ANSI Z21.13a-2005): 4/2/2007

## **IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)**

### **Revisions**

ANSI C63.19-2007, Methods of Measurement of Compatibility between Wireless Communication Devices and Hearing Aids (revision of ANSI C63.19-2006): 3/28/2007

## **ISA (ISA)**

### **New National Adoptions**

ANSI/ISA 61804-3 (104.00.01)-2007, Function Blocks (FB) for Process Control - Part 3: Electronic Device Description Language (EDDL) (identical national adoption of IEC 61804-3): 3/30/2007

## **ITI (INCITS) (InterNational Committee for Information Technology Standards)**

### **New National Adoptions**

INCITS/ISO/IEC 13249-6-2007, Information technology - Database languages - SQL multimedia and application packages - Part 6: Data mining (identical national adoption and revision of INCITS/ISO/IEC 13249-6-2006): 3/30/2007

### **Withdrawals**

ANSI INCITS 324-1999, Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Physical Switch Control (HIPPI-6400-SC) (withdrawal of ANSI INCITS 324-1999): 3/30/2007

## **NSF (NSF International)**

### **Revisions**

ANSI/NSF 42-2007 (i52), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42-2002a): 3/29/2007

ANSI/NSF 61-2007 (i69), Drinking water system components - Health effects (revision of ANSI/NSF 61-2004): 3/27/2007

ANSI/NSF 170-2007 (i4), Glossary of food equipment terminology (revision of ANSI/NSF 170-2005): 3/29/2007

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

### ***New National Adoptions***

ANSI Z80.24-2007, Ophthalmic Optics - Information Interchange for Ophthalmic Optical Equipment (identical national adoption and revision of ANSI Z80.24-2002): 3/28/2007

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

### ***New National Adoptions***

ANSI/UL 61010-031-2007, Electrical Equipment for Measurement, Control and Laboratory Use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (national adoption with modifications of IEC 61010-031): 3/28/2007

### ***Revisions***

ANSI/UL 60950-1-2007, Information Technology Equipment - Safety - Part 1: General Requirements (Proposal dated 2/2/07) (revision of ANSI/UL 60950-1-2006): 3/27/2007

# Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit [www.NSSN.org](http://www.NSSN.org), which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

## AGMA (American Gear Manufacturers Association)

**Office:** 500 Montgomery Street, Suite 350  
Alexandria, VA 22314-1560

**Contact:** Charles Fischer

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

**E-mail:** [fischer@agma.org](mailto:fischer@agma.org)

BSR/AGMA 9004-B200x, Flexible Couplings - Mass Elastic Properties and Other Characteristics (revision of ANSI/AGMA 9004-A99 (R2005))

Stakeholders: Designers, manufacturers and users of flexible

Project Need: To provide designers and users of flexible couplings with data for the selection of system components and natural frequency calculations.

Provides calculation methods related to mass elastic properties of flexible couplings. Properties discussed include:

- coupling mass;
- polar mass moment of inertia;
- center of gravity;
- axial stiffness;
- axial natural frequency;
- lateral stiffness;
- lateral natural frequency; and
- torsional stiffness.

Calculation examples are provided in informative annexes.

## AIHA (ASC Z88) (American Industrial Hygiene Association)

**Office:** 2700 Prosperity Avenue Suite 250  
Fairfax, VA 22031

**Contact:** Mili Mavely

**Fax:** (703) 207-8558

**E-mail:** [mmavely@aiha.org](mailto:mmavely@aiha.org)

BSR AIHA Z88.14-200x, Standard for the Selection, Care and Use of NIOSH-approved Chemical, Biological, Radiological, and Nuclear (CBRN) Respirators for Emergency Response (new standard)

Stakeholders: Emergency responders of all categories who will use a NIOSH-CBRN-approved respirator.

Project Need: To provide selection and use information to complement other national standards and to provide guidance for all responders in situations or operations involving emergency use of CBRN respirators in support of domestic preparedness and counterterrorism.

This standard:

- sets forth accepted practices for CBRN respirator use;
- provides information and guidance on the proper selection, use, and care of respirators; and
- contains requirements for establishing and regulating respirator programs that would cover the use of respirators to protect persons against the inhalation of harmful air contaminants (including oxygen-deficient atmospheres, by reference) in situations or operations involving emergency use of CBRN respirators in support of domestic preparedness and counterterrorism.

This standard is to be used when CBRN respiratory protection is required.

## HL7 (Health Level Seven)

**Office:** 3300 Washtenaw Avenue, Suite 227  
Ann Arbor, MI 48104-4250

**Contact:** Karen Van Hentenryck

**Fax:** (734) 677-6622

**E-mail:** [karenvan@HL7.org](mailto:karenvan@HL7.org)

BSR/HL7 V3 AB, R2-200x, HL7 Version 3 Standard: Accounting & Billing, Release 2 (revision of ANSI/HL7 V3 AB, R1-2005)

Stakeholders: Healthcare institutions sending account and billing information to a billing system.

Project Need: The information in this project was reorganized to be more consistent with the rest of Version 3.

Supports the creation and management of patient billing accounts and the posting of financial transactions against patient billing accounts for the purpose of aggregating financial transactions that will be submitted as claims or invoices for reimbursement.

BSR/HL7 V3 APR, R1-200x, HL7 Version 3 Standard: Anatomic Pathology Report, Release 1 (new standard)

Stakeholders: Healthcare providers.

Project Need: To make Anatomic Pathology reports more concise and usable.

The goal of this project is to provide a CDA representation for the anatomic pathology report. The anatomic pathology report is a complex clinical document that describes, amongst other things, gross, microscope and other laboratory findings on one or more clinical specimens. The CDA Pathology Report, as envisioned, will contain three main "layers"; each related through participations and act relationships.

BSR/HL7 V3 BTODON, R1-200x, HL7 Version 3 Standard: Blood, Tissue, Organ; Donation, Release 1 (new standard)

Stakeholders: Lab, Bloodbank, Tissue and Organ Bank, Hospital.

Project Need: To develop messaging specification for the communication of information regarding blood, tissue, and organ scheduling, eligibility, donation, and transfusion services.

Covers:

- Message standards for the transmission of donor and blood product information between a blood center and other facilities, such as a transfusion service, an off-site donor testing laboratory, a hospital, and/or a plasma manufacturing company;
- Messages that utilize a unique donor identification number and/or a unique product and/or donation identification number as a means of identifying the donor or product that is required;
- Blood product order and inventory management (i.e., blood center orders);
- Billing associated with blood/transfusion center orders; and
- Autologous and/or directed donation notifications.

BSR/HL7 V3 CGPED, R1-200x, HL7 Version 3 Standard: Clinical Genomics: Pedigree, Release 1 (new standard)

Stakeholders: Healthcare, pharmaceutical, clinical-genetic research, genetic/genomic labs/facilities.

Project Need: The Clinical Genomics domain addresses requirements for the interrelation of clinical and genomic data at the individual level.

The Clinical Genomics SIG has developed two topics that have been approved as a DSTU and are part of the recent normative edition. A first update to this DSTU passed ballot in May 2006. In the Jan 2007 ballot, we continued a committee-level ballot of the Pedigree topic (Family History). The Family History static and dynamic models have been modified based on reconciliation comments.

BSR/HL7 V3 CMNOBS, R1-200x, HL7 Version 3 Standard:

Observations; Common Observation, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: To provide the information structures and vocabulary needed to communicate information on physical entities by a responsible care provider.

Most observations are point-in-time in nature. The value holds true at the time it was made, but may not be true years, weeks or even seconds later. However, some observations such as blood type are generally static for a patient and can be considered to apply over the patient's lifetime. Common Observation addresses the handling of two distinct categories of patient observations:

- (1) measurement observations; and
- (2) coded observations.

The purpose of the transactions is to capture discrete encoded data related to recording simple measured clinical observations as well as support for coded observations.

BSR/HL7 V3 RXCDSEVNT, R1-200x, HL7 Version 3 Standard:

Pharmacy; Common Dispense and Supply Event, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Common Dispense and Supply Event topic provides support for common (i.e., drug and device) dispense messages from/to a dispensing application (e.g., Pharmacy).

BSR/HL7 V3 RXCMORDER, R1-200x, HL7 Version 3 Standard: Pharmacy; Common Order, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Common Order topic provides support of common (i.e., drug and device) order messages from/to a prescribing application (e.g., Physician Office).

BSR/HL7 V3 RXDDSEVNT, R1-200x, HL7 Version 3 Standard:

Pharmacy; Device Dispense and Supply Event, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Device Dispense and Supply Event topic provides support for device dispense messages from/to a dispensing application (e.g., Pharmacy).

BSR/HL7 V3 RXDEVORDER, R1-200x, HL7 Version 3 Standard:

Pharmacy; Device Order, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Device Order topic provides support for device order messages from/to a prescribing application (e.g., Physician Office).

BSR/HL7 V3 RXDFVOC, R1-200x, HL7 Version 3 Standard: Pharmacy; Dosage Form Vocabulary, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Dosage Form Vocabulary topic provides guidance on how drug form vocabulary should be represented in HL7 Version 3 messages.

BSR/HL7 V3 RXDOSINSTR, R1-200x, HL7 Version 3 Standard:

Pharmacy; Dosage Instructions, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and administration messages, as well as Rx status management, active medications and patient Rx queries. The Dosage Instruction topic provides guidance on how drug instructions should be presented in HL7 Version 3 messages.

BSR/HL7 V3 RXGPRPQRY, R1-200x, HL7 Version 3 Standard:

Pharmacy; Generic Patient-Related Pharmacy Query, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Generic Patient-Related Pharmacy Query topic provides a generic query pattern from which constrained, specific-purpose queries can be derived.

BSR/HL7 V3 RXMDSEVENT, R1-200x, HL7 Version 3 Standard:

Pharmacy; Medication Dispense and Supply Event, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Medication Dispense and Supply Event topic provides support for drug dispense messages from/to a dispensing application (e.g., Pharmacy).



BSR/HL7 V3 RXMEDORDER, R1-200x, HL7 Version 3 Standard:  
Pharmacy; Medication Order, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Medication Order topic provides support for drug order messages from/to a prescribing application (e.g., Physician Office).

BSR/HL7 V3 RXMSSEVNT, R1-200x, HL7 Version 3 Standard:  
Pharmacy; Medication Statement and Supply Event, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Medication Statement and Supply Event topic provides messaging support for medication statements of fact provided by patients to health care providers to help develop a medication history through the recording of historical administrations.

BSR/HL7 V3 RXPMCQRY, R1-200x, HL7 Version 3 Standard:  
Pharmacy; Patient Medication Contraindication Query, Release 1 (new standard)

Stakeholders: All healthcare developers using HL7 Version 3.

Project Need: There is currently no standard that covers this area.

The Pharmacy domain includes support for Prescribing, Dispensing and Administration messages, as well as Rx status management, active medications and patient Rx queries. The Patient Medication Contraindication Query topic provides messaging support for patient-specific medication contraindication queries (e.g., drug contraindications for a new drug matched against a patient's medication history).

#### IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

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BSR C63.11-200x, International EMC Immunity Checklists (new standard)

Stakeholders: EMC independent test laboratories, EMC test labs, EMC laboratory accreditation bodies.

Project Need: To develop a compendium of EMC immunity checklists to cover IEC 61000-4-x (where x is 2,3,4,5,6,8, and 11).

The checklists are written in a query format where the requirements of the Basic EMC Immunity Standards are rewritten as questions to be answered by the user of the checklists. The checklists are used to validate testing methods of EMC labs for conformance with the subject international EMC Immunity standards.

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BSR/IEEE 1719-200x, Guide for Evaluating Stator Cores of AC Electric Machines Rated 1 MVA and Higher (new standard)

Stakeholders: Utility, OEM, independent producers of power, and any user of large electric machines.

Project Need: Utilities have requested joint development with OEM's to manage aging assets. The issue of when to replace a generator core has become a pressing issue for many utilities in the past few decades.

This guide describes methods that may be used to evaluate the condition of stator cores of ac electric machines including generators, motors, and synchronous condensers. The methods outlined herein are generally applicable to machines rated 1 MVA (1340 HP) and higher. However, these methods may be applicable to units of lower rating. This guide is not intended to provide detailed inspection, testing, and maintenance procedures.

BSR/IEEE C37.237-200x, Recommended Practice for Time Tagging of Power System Protection Events (new standard)

Stakeholders: Power system equipment manufacturers.

Project Need: A consistent method of time tagging is needed so that records generated with different equipment, using various technological approaches, can be compared easily and accurately.

This will enable the interchange of data between different systems and utilities with confidence.

This is a recommended practice for time tagging protection events and associated analog and derived measurements in electric power systems. It defines the meaning of a time tag, and defines reference times for common events and time-varying quantities. It provides methods to describe measurement and transport delays, and the overall accuracy of time tagging. Potential problems caused by delays in ancillary equipment and the use of different time scales in different locations (local time zones, for example) are identified and addressed.

BSR/IEEE C57.12.30-200x, Standard for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments (new standard)

Stakeholders: Electrical Utility Industry and manufacturers of electrical distribution equipment.

Project Need: To provide a standard for the enclosure integrity and coating systems utilized on pole-mounted distribution equipment installed in coastal environments.

This standard covers conformance tests and requirements for the enclosure integrity of pole-mounted equipment for installations in coastal environments, containing apparatus energized in excess of 600V, typically not accessible to the general public, such as but not limited to the following types of equipment: pole-mounted distribution transformers, pole-mounted switches, pole-mounted regulators, pole-mounted metering equipment, pole-mounted reclosers/sectionalizers, pole-mounted capacitors.

BSR/IEEE C57.12.31-200x, Standard for Pole Mounted Equipment - Enclosure Integrity (revision of ANSI/IEEE C57.12.31-2002)

Stakeholders: Electrical Utility Industry and manufacturers of electrical distribution equipment.

Project Need: This standard needs to be revised so that the corrosion tests can be updated. Newer technology corrosion test methods have replaced the exposure testing utilized in the past.

This standard covers conformance tests and requirements for the enclosure integrity of pole-mounted equipment containing apparatus energized in excess of 600V, typically not accessible to the general public, such as but not limited to, the following types of equipment:

- pole-mounted distribution transformers;
- pole-mounted switches;
- pole-mounted regulators;
- pole-mounted metering equipment;
- pole-mounted reclosers/sectionalizers; and
- pole-mounted capacitors.

BSR/IEEE C57.12.40-200x, Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 GrdY/19 920 and Below; Low Voltage, 600 Volts and Below; Subway and Vault Types (Liquid Immersed) (revision of ANSI/IEEE C57.12.40-2006)

Stakeholders: Electrical Utility Industry and manufacturers of electrical distribution equipment.

Project Need: To establish the performance, electrical and mechanical interchangeability, and safety of the equipment covered, and also to assist in the proper selection of such equipment.

This standard covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of three-phase, 60-Hz, liquid-immersed, self-cooled, network transformers with a primary grounding switch. These transformers are rated 2500 kVA and below with high voltages of 34 500GrdY/19 920 volts and below. These transformers are generally used for step-down purposes from underground primary cables and supply a secondary network system through network protectors. These transformers are typically installed below ground level.

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BSR/IEEE 802.1AX-200x, Standard for Local and Metropolitan Area Networks - Link Aggregation (new standard)

Stakeholders: Semiconductor manufacturer, system product manufacturers, and network providers.

Project Need: To form an initial base document for

MAC-independent Link Aggregation based on the current Ethernet specifications.

Link Aggregation allows one or more links to be aggregated together to form a Link Aggregation Group, such that a MAC Client can treat the Link Aggregation Group as if it were a single link. To this end, it specifies the establishment of DTE to DTE logical links, consisting of N parallel instances of full duplex point-to-point links operating at the same data rate. This standard defines the MAC independent Link Aggregation capability, and general information relevant to specific MAC types that support link aggregation.

BSR/IEEE 802.11mb-200x, Standard for Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan Area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment: Accumulated maintenance changes (new standard)

Stakeholders: Service providers, manufacturers, health care workers, retail service providers, and many others.

Project Need: To bring together interpretation responses and slight mismatches in functionality due to development of other amendments for the developers and users of the base standard.

This amendment incorporates changes accumulated due to responses to interpretation requests, development of other amendments, and development of minor changes to functionality.

BSR/IEEE 802.16-200x, Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Broadband Wireless Access Systems (revision of ANSI/IEEE 802.16-2004)

Stakeholders: Vendors developing IEEE 802.16 products and carriers using IEEE 802.16 products.

Project Need: To resolve a number of maintenance issues.

This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support multiple PHY specifications, each suited to a particular operational environment.

BSR/IEEE 1699-200x, Standard for The Rosetta Systems Level Design Language (new standard)

Stakeholders: Electronic system architects, systems engineers, electronic design automation tool vendors.

Project Need: To allow for wider adoption of Rosetta Systems Level Design Language in industry and academia.

This standard presents the Rosetta specification language and its base collection of domains. The language definition specifies concrete and abstract syntax, denotational semantics for language constructs, and required libraries for AST definition and reflection. The domain definition specifies a collection of base modeling domains required of all Rosetta implementations. The document includes both formal definitions and descriptive text.

BSR/IEEE 1778-200x, Standard for Esterel v7 Language Reference Manual (new standard)

Stakeholders: Electronic Design Automation industry, Semiconductor producers, and System designers.

Project Need: To provide the Electronic Design Automation, System Design, and Semiconductor communities with a formally defined language for hardware and reactive software design, verification, and implementation.

This standard is a Reference Manual for the Esterel v7 Language, which is dedicated to the specification and implementation of hardware or software reactive systems. The standard ensures unambiguous definition of the language syntax and semantics, and, therefore, full interoperability between Esterel-based software compilation, circuit synthesis, static analysis, and verification tools.

BSR/IEEE 802.3-200x Cor2, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications/Cor 2 (revision of ANSI/IEEE 802.3-2005)

Stakeholders: Component providers, system product providers, network providers, bandwidth providers.

Project Need: IEEE Std 802.3-2005 will need to be revised by 2008 to allow consideration of future amendments per standards board policies.

This standard defines Ethernet local area, access and metropolitan area networks. Ethernet is specified at selected speeds of operation; and uses a common media access control (MAC) specification and management information base (MIB). The Carrier Sense Multiple Access with Collision Detection (CSMA/CD) MAC protocol specifies shared medium (half duplex) operation, as well as full duplex operation. Speed specific Media Independent Interfaces (MIIs) provide an architectural and optional implementation interface to selected physical layer entities (PHY).

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BSR/IEEE 1451.7-200x, Standard for a Smart Transducer Interface for Sensors and Actuators - Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheet Formats (new standard)

Stakeholders: Sensor/network manufacturers, RFID tag/system manufacturers, system integrators.

Project Need: To provide openly defined standard interfaces between sensors and RFID tags.

This standard defines communication methods and data formats for transducers (sensors and actuators) communicating with RFID tags that follow the ISO/IEC 24753 standard. The standard also defines Transducer Electronic Data Sheet (TEDS) formats based on the IEEE 1451 family of standards and protocols for accessing TEDS and transducer data. It adopts necessary interfaces and protocols to facilitate the use of technically differentiated, existing technology solutions. It doesn't specify transducer design or signal conditioning.

BSR/IEEE 1672-2006/Cor 1-200x, Standard for Ultrawideband Radar Definitions - Corrigendum 1: Change in definition of "ultrawideband" to harmonize with IEEE Std 686 and P1672 (new standard)

Stakeholders: Department of Defense, commercial users, auto industry, commercial inspection.

Project Need: To achieve consensus between P1672 and P686 as regards the definition of "ultrawideband" rather than insist P686 conform to the P1672 definition.

This standard harmonizes the definition of the term "Ultrawideband" with P686.

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BSR/TIA 1005-1-200x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 1: Industrial Pathways and Spaces (addenda to BSR/TIA 1005-200x)

Stakeholders: Telecommunications Industry Association.

Project Need: To specify requirements for industrial pathways and spaces. This includes additional requirements for pathways and spaces as defined within TIA 569-B.

This addendum specifies requirements for industrial pathways and spaces. This includes additional requirements for pathways and spaces as defined within TIA 569-B. Requirements for pathways and spaces unique to the industrial environment and not covered by TIA 569-B will also be discussed, as well as techniques to mitigate mechanical, ingress, climatic, and environmental issues.

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

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BSR/UL 580-200x, Tests for Uplift Resistance of Roof Assemblies (new standard)

Stakeholders: Manufacturers and building code officials.

Project Need: To develop a new American National Standard.

The method of test is intended to determine the uplift resistance of roof assemblies consisting of the roof deck and roof covering materials. It is applicable to any type of roof assembly which is adaptable to the test equipment. The purpose of this test is to evaluate the comparative resistance of roof assemblies to positive and negative pressures.

## American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMVA
- AGRSS, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](http://www.ansi.org), select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at [www.ansi.org/publicreview](http://www.ansi.org/publicreview).

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



# ISO Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

**ISO Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto:sales@ansi.org). The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.**

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

ISO/DIS 10993-5, Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity - 6/30/2007, \$93.00

## EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7165, Fire fighting - Portable fire extinguishers - Performance and construction - 7/5/2007, \$134.00

## FASTENERS (TC 2)

ISO/DIS 1891, Fasteners - Terminology and nomenclature - 7/7/2007, \$155.00

## NUCLEAR ENERGY (TC 85)

ISO/DIS 18589-4, Measurement of radioactivity in the environment - Soil - Part 4: Measurement of plutonium isotopes (plutonium 238 and plutonium 239 + 240) by alpha spectrometry - 7/1/2007, \$82.00

ISO/DIS 18589-5, Measurement of radioactivity in the environment - Soil - Part 5: Measurement of strontium 90 - 7/1/2007, \$98.00

ISO/DIS 18589-6, Measurement of radioactivity in the environment - Soil - Part 6: Measurement of gross alpha and gross beta activities - 7/1/2007, \$58.00

## PLASTICS (TC 61)

ISO/DIS 15106-4, Plastics - Film and sheeting - Determination of water vapour transmission rate - Part 4: Gas-chromatographic detection sensor method - 7/1/2007, \$40.00

ISO/DIS 15512, Plastics - Determination of water content - 7/1/2007, \$67.00

ISO/DIS 25337, Plastics - Production quality control - Statistical method for using single measurements - 7/5/2007, \$67.00

## PUMPS (TC 115)

ISO 15783/DAMd1, Seal-less rotodynamic pumps - Class II - Specification - Amendment 1 - 7/7/2007, \$46.00

## ROAD VEHICLES (TC 22)

ISO/DIS 22901-1, Road vehicles - Open diagnostic data exchange - Part 1: Data model specification - 7/6/2007, \$269.00

ISO 7637-1/DAMd1, Road vehicles - Electrical disturbances from conduction and coupling - Part 1: Definitions and general considerations - Amendment 1 - 7/1/2007, \$33.00

ISO 7637-2/DAMd1, Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only - Amendment 1 - 7/1/2007, \$33.00

ISO 11451-1/DAMd1, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology - Amendment 1 - 7/1/2007, \$33.00

ISO 11452-1/DAMd1, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology - Amendment 1 - 7/1/2007, \$33.00

## SAFETY OF TOYS (TC 181)

ISO/DIS 8124-4, Safety of toys - Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use - 7/5/2007, \$119.00

## STEEL (TC 17)

ISO/DIS 3574, Cold-reduced carbon steel sheet of commercial and drawing qualities - 7/4/2007, \$53.00

ISO/DIS 6316, Hot-rolled steel strip of structural quality - 7/4/2007, \$58.00

ISO/DIS 6317, Hot-rolled carbon steel strip of commercial and drawing qualities - 7/4/2007, \$62.00

## TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 3767-1/DAMd1, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols - Amendment 1: Additional symbols - 7/5/2007, \$33.00

ISO 3767-2/DAMd4, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery - Amendment 1: Additional symbols - 7/5/2007, \$29.00

ISO 3767-4/DAMd2, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 4: Symbols for forestry machinery - Amendment 1: Additional symbols - 7/5/2007, \$29.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 29500, Information technology - Office Open XML file formats - 7/4/2007, FREE



# Newly Published ISO Standards

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

## AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 22160:2007](#), Milk and milk-based drinks - Determination of alkaline phosphatase activity - Enzymatic photo-activated system (EPAS) method, \$71.00

## ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 7396-1:2007](#), Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum, \$180.00

## CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

[ISO 22965-1:2007](#), Concrete - Part 1: Methods of specifying and guidance for the specifier, \$87.00

[ISO 22965-2:2007](#), Concrete - Part 2: Specification of constituent materials, production of concrete and compliance of concrete, \$117.00

## DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO 19005-1/Cor1:2007](#), Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF 1.4 (PDF/A-1) - Corrigendum, FREE

[ISO 24537:2007](#), Micrographics - Dimensions for reels used for 16 mm and 35 mm microfilm, \$41.00

## ERGONOMICS (TC 159)

[ISO 11228-2:2007](#), Ergonomics - Manual handling - Part 2: Pushing and pulling, \$139.00

[ISO 11228-3:2007](#), Ergonomics - Manual handling - Part 3: Handling of low loads at high frequency, \$150.00

## FINE CERAMICS (TC 206)

[ISO 24235:2007](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of particle size distribution of ceramic powders by laser diffraction method, \$41.00

## FLUID POWER SYSTEMS (TC 131)

[ISO 4409:2007](#), Hydraulic fluid power - Positive-displacement pumps, motors and integral transmissions - Methods of testing and presenting basic steady state performance, \$87.00

## GRAPHIC TECHNOLOGY (TC 130)

[ISO 12643-2:2007](#), Graphic technology - Safety requirements for graphic technology equipment and systems - Part 2: Press equipment and systems, \$117.00

## LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

[ISO 835:2007](#), Laboratory glassware - Graduated pipettes, \$61.00

## PAINTS AND VARNISHES (TC 35)

[ISO 16773-1:2007](#), Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens - Part 1: Terms and definitions, \$41.00

[ISO 16773-2:2007](#), Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens - Part 2: Collection of data, \$77.00

## PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 11393-6:2007](#), Protective clothing for users of hand-held chain-saws - Part 6: Test methods and performance requirements for upper body protectors, \$82.00

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

[ISO 8085-3/Cor1:2007](#), Polyethylene fittings for use with polyethylene pipes for the supply of gaseous fuels - Metric series - Specifications - Part 3: Electrofusion fittings - Corrigendum, FREE

## TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 11681-1/Amd1:2007](#), Machinery for forestry - Portable chain-saws - Safety requirements and testing - Part 1: Chain-saws for normal forest work - Amendment 1: Balance, \$14.00

[ISO 11783-11:2007](#), Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 11: Mobile data element dictionary, \$35.00

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

[ISO 8536-12:2007](#), Infusion equipment for medical use - Part 12: Check valves, \$48.00

## ISO Technical Reports

### AIR QUALITY (TC 146)

[ISO/TR 17737:2007](#), Workplace air - Guidelines for selecting analytical methods for sampling and analysing isocyanates in air, \$54.00

### HYDROMETRIC DETERMINATIONS (TC 113)

[ISO/TR 9824:2007](#), Hydrometry - Measurement of free surface flow in closed conduits, \$102.00

### TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

[ISO/TR 22134:2007](#), Practical guidelines for socioterminology, \$77.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 10373-6/Amd1:2007](#), Identification cards - Test methods - Part 6: Proximity cards - Amendment 1: Protocol test methods for proximity cards, \$139.00

[ISO/IEC 14496-4/Cor2:2007](#), Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Conformance testing for MPEG-4 - Corrigendum, FREE

# Proposed Foreign Government Regulations

## Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries 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. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL:

<http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: [ncsci@nist.gov](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).

# Information Concerning

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## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### American Society for Quality (ASQ)

ANSI's Executive Standards Council has approved the reaccreditation of the American Society for Quality (ASQ) under revised operating procedures for documenting consensus on proposed American National Standards, effective March 29, 2007. For additional information, please contact: Ms. Allyson Baue, American Society for Quality, 600 N. Plankinton Avenue, Milwaukee, WI 53203; PHONE: (800) 248-1946, ext. 7474; FAX: (414) 270-8809; E-mail: [abaue@asq.org](mailto:abaue@asq.org).

## International Organization for Standardization (ISO)

### Establishment of a New Technical Committee

#### ISO/TC 234 – Fisheries and Aquaculture

#### Comment Deadline: April 23, 2007

The ISO Technical Management Board (TMB) has established a new technical committee to work in the field of Fisheries and Aquaculture.

The proposed scope of this Technical Committee is:

Standardization in the field of fisheries and aquaculture, including, but not limited to, terminology, technical specifications for equipment and for their operation, characterization of aquaculture sites and maintenance of appropriate physical, chemical and biological conditions, environmental monitoring, data reporting, traceability and waste disposal.

Excluded:

- methods of analysis of food products and traceability covered by ISO/TC 34;
- personal protective clothing covered by ISO/TC 94;
- environmental monitoring covered by ISO/TC 207.

Norway has been allocated the Secretariat of this Technical Committee.

Any organization wishing to serve as Administrator of an accredited US Technical Advisory Group for ISO/TC 234, Fisheries and Aquaculture, please contact Henrietta Scully, at ANSI via e-mail at [hscully@ansi.org](mailto:hscully@ansi.org), by close of business, Monday, April 23, 2007.

### Proposal for New Fields of ISO Technical Work

#### Cross Border Trade of Second-Hand Goods

#### Comment Deadline: April 27, 2007

The ISO Committee on Consumer Policy (COPOLCO) has proposed a new work item for development of a new ISO Standard on Cross Border Trade of Second Hand Goods with the following scope statement:

The purpose of this project is to develop a standard that sets minimum criteria for Second-Hand Products that are being offered for sale, donated, exchanged, traded or purchased both locally and abroad. The intention of this proposal is to protect consumers' health and safety including the environment in which they interact.

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via e-mail at [hscully@ansi.org](mailto:hscully@ansi.org).

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, [scornish@ansi.org](mailto:scornish@ansi.org), by close-of-business, Friday, April 27, 2007. All comments received will be considered in the development of a proposed ANSI vote and comments that will be presented to the ANSI ISO Council for approval before submittal to ISO.

### Consumer Product Recall and Corrective Action: Code of Good Practice

#### Comment Deadline: May 4, 2007

ISO's Committee on Consumer Policy (COPOLCO) has proposed a new work item proposal for an ISO standard on Consumer Product Recall and Corrective Action: Code of Good Practice, with the following scope statement:

This guidance standard would provide a model code of good practice for consumer product recalls, with corrective actions, including: repair; placement; repurchase, and public notice. Such corrective actions include a range of remedies affecting the product, including actions applying to product in the manufacturer's inventory, the distributor's inventory, on retail shelves and in consumer hands. This guidance standard would cover principles and provide practical guidance in establishing, implementing and managing an effective, flexible and responsive consumer product corrective action/recall program. This standard would also include guidance about what triggers a recall. It is proposed that this standard would apply to consumer products, including electrical and gas household appliances. However, it would not directly address products such as food, drugs, medical devices or automobiles as these categories of products are subject to highly developed regulatory requirements in many jurisdictions. However, the general principles could potentially be used by any consumer product sector. This standard is designed for use by: manufacturers, retailers, importers, testing organizations, providers of third-party recall services, legal firms, government regulators and consumer/safety organizations.

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via e-mail at [hscully@ansi.org](mailto:hscully@ansi.org).

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, [scornish@ansi.org](mailto:scornish@ansi.org), by close-of-business, Friday, May 4, 2007. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

## ISO Guidance Standard on Consumer Product Safety: A Practical Guide for Suppliers

### Comment Deadline: May 4, 2007

ISO's Committee on Consumer Policy (COPOLCO) has proposed a new work item proposal for an ISO guidance standard on Consumer Product Safety: A Practical Guide for Suppliers, with the following scope statement:

This proposal is intended to establish a consensus-based International Guidance Standard that will provide all those in the consumer product supply chain (including designers, manufacturers, importers, distributors, retailers, and other producers of consumers goods, as illustrated in Annex 1, with the practical tools to assist them in identifying, assessing and eliminating or reducing the risks associated with exposure to consumer products. The standard will provide guidance on how to carry out a systematic safety analysis of a consumer product or a product likely to be used by a consumer in order to assess the risks by identifying any associated hazards, the potential exposure of consumers to the hazard, and the consequences of that exposure. It will also aid them in determining, documenting and implementing the best approach to reducing the risks and consistently producing a safe product.

A copy of the proposal can be obtained for review by contacting Henrietta Scully of ANSI via E-mail at [hscully@ansi.org](mailto:hscully@ansi.org).

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, [scornish@ansi.org](mailto:scornish@ansi.org), by close-of-business, Friday, May 4, 2007. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

## Relinquishment of ISO Technical Committee Secretariat

### ISO/TC 192 – Gas turbines

#### Comment Deadline: April 30, 2007

ANSI has been advised by the American Society of Mechanical Engineers (ASME) that they no longer wish to serve as delegated Secretariat for ISO/TC 192. The technical committee has the following scope:

Standardization in the field of all aspects of gas turbine design, application, installation, operation and maintenance, including simple turbine cycles, combined cycle systems, definitions, procurement, acceptance, performance, environment (on the gas turbine itself and the external environment) and methods of test.

ISO/TC 192 is responsible for preparing horizontal standards for all types of gas turbines. Work on aero gas turbine engines shall be undertaken in liaison with those technique committees having the primary responsibility.

Note: ISO/TC 20 has the primary responsibility of preparing standards relative to the specific application of gas turbines to aerospace.

Anyone interested in assuming the role of US delegated international secretariat for this Technical Committee should contact Henrietta Scully of ANSI via e-mail, [hscully@ansi.org](mailto:hscully@ansi.org), by close-of-business, Monday, April 30, 2007.

## Change of US Delegated Secretariat

### ISO/TC 21/SC 5 – Sprinkler and Water Spray Extinguishing Systems

#### Comment Deadline: April 30, 2007

Last year, ANSI announced the resignation of the National Fire Protection Association (NFPA) as the delegated international secretary for ISO/TC 21/SC 5.

The National Fire Sprinkler Association (NFSA) has applied to assume the role of US Delegated Secretariat for this Subcommittee.

The work of this subcommittee is covered by the scope of the ISO Technical Committee 21, as follows:

Standardization in the field of all fire protection and fire fighting apparatus and equipment including extinguishing media as well as the personal equipment of the fire fighter, and related work on terminology, classification and symbols. Approval of advisory documents relating to the general principles and application of equipment and apparatus for fire protection and fire fighting.

Excluded: Protective clothing dealt with by ISO/TC 94.

Should you wish to comment on the delegation of the ISO/TC 21/SC 5 Secretariat, please contact Henrietta Scully of ANSI via e-mail, [hscully@ansi.org](mailto:hscully@ansi.org), by close-of-business, Monday, April 30, 2007.

## U.S. Technical Advisory Groups

### Approval of Accreditation

#### U.S. Technical Advisory Group for Joint ISO/International Commission on Illumination (CIE) Standards

ANSI's Executive Standards Council (ExSC) has approved the accreditation of a U.S. Technical Advisory Group for Joint ISO/International Commission on Illumination (CIE) Standards, and the appointment of the United States National Committee of the CIE (USA/CIE) as TAG Administrator, effective April 3, 2007. The TAG will operate using its own procedures approved by the ExSC. For additional information, please contact: Mr. Philip Wychorski, CIE/USA Standards Committee Chairman, Orion Standards LLC, 3400 Ridge Road West #215, Rochester, NY 14626; PHONE: (585) 305-8210; E-mail: [orionstandardsllc@rochester.rr.com](mailto:orionstandardsllc@rochester.rr.com).

## Meeting Notice

### ASC OP

ASC OP will hold two draft standards meetings in Rochester, NY during OPTIFAB on Monday, April 14, 2007. The Performance-Based Optical Imperfection Standard meeting will run from 8:30 a.m. - 12 noon. The Wavefront Measurement Standard meeting will follow from 1:30 p.m. - 5:00 p.m. Both meetings will be held in the Aqueduct B Room of the Rochester Riverside Convention Center. Those who are interested in attending these meetings should contact Gene Kohlenberg at [gene.kohlenberg@optstd.org](mailto:gene.kohlenberg@optstd.org) or (585) 217-2491 to indicate that they will attend these meetings.



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## **NSF/ANSI 61**

### **Drinking Water System Components**

#### **Health Effects**

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#### **4 Pipes and related products**

##### **4.1 Scope**

**4.1.1** The requirements in this section apply to pipes and pipe-related products and the water-contact materials associated with these products. Pipe-related products include, but are not limited to, the following items: fittings, couplings, flexible and rigid tubing, ~~riser tubing~~, dip tubes, hoses, well casings, drop pipes, screens, and pipe-related coatings.

**4.1.2** Coatings and other barrier materials not exclusively intended for application to pipes or pipe related products are evaluated under 5.

NOTE – Coatings and other barrier materials, which meet the requirements of 5 at a specific surface area to-volume ratio, shall be considered to meet the requirements of a pipe or pipe-related product application for a surface area-to-volume ratio less than or equal to the ratio accepted under the 5 evaluation.

**4.1.3** Individual ingredients of cement-based pipes and related products (including Portland and blended hydraulic cement and admixtures) are evaluated under 5.

**4.1.4** Products and materials intended to join or seal pipes or pipe-related products are evaluated under 6.

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## **9 Mechanical plumbing devices**

### **9.1 Coverage**

This section covers mechanical plumbing devices, components, and materials that are typically installed within the last liter of the distribution system (endpoint devices) and are intended to dispense water for human ingestion. In-line devices are excluded from this section. Point-of-use and point-of-entry water treatment devices are excluded.

**9.1.1** Endpoint devices specifically included in the coverage of this section are:

- single-handle and two-handle lavatory faucets (for example: centersets, widespread, mini-spread, and basin cocks), except as exempted in 9.1.2;
- two-hole and single-hole bar faucets;
- single-handle and two-handle kitchen faucets (for example: top mounts, concealed fittings, and wall mounts);
- hot and cold water dispensers;
- drinking fountains, drinking fountain bubblers, and water coolers;
- glass fillers;
- residential refrigerator ice makers;

- flexible plumbing connectors and flexible risers intended for potable water applications;
- supply stops and endpoint control valves; and
- commercial kitchen devices (see 9.2.3), limited to the following:
  - pot and kettle fillers (see 9.2.7);
  - devices with extended standpipes or risers (see 9.2.5); and
  - pre-rinse assemblies which include an auxiliary spout or other outlet.

NOTE 1 – Only the commercial kitchen devices listed above shall be evaluated using the 18.9 L (5 gal) normalization.

NOTE 2 – The base device to which the pre-rinse component is added shall be considered a commercial kitchen device only if it meets the definition of either a pot and kettle filler (see 9.2.7) or a device with extended standpipes or risers (see 9.2.5).

**9.1.2** Endpoint devices specifically exempted from the coverage of this section are:

- bath and shower valves, shower heads of all types, and Roman tub valves;
- all drains;
- backflow prevention devices;
- flexible plumbing connectors and flexible risers not intended for potable water applications (i.e. washing machines, water closets, etc.);
- pre-rinse assemblies which do not include an auxiliary spout or other outlet; and
- all endpoint devices that are not specifically intended to dispense water for human consumption, including utility, laundry, laboratory, bidet, and shampoo fittings; faucets with a hose thread spout end or with a quick disconnect end; faucets that are self-closing, metering, or electronically activated; and nonlavatory hand wash stations.

**9.1.3** Endpoint devices that are exempted from the scope of this section shall be permitted to be evaluated at the option of the manufacturer. With the exception of exempted pre-rinse assemblies, all exempted devices shall be evaluated using the 1 L (0.26 gal) draw. Exempted pre-rinse assemblies shall be evaluated using the 18.9 L (5 gal) draw.

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BSR/UL 123

**Table 8D.1****Test liquids for synthetic-rubber materials**

<b>Gas in contact with part</b>	<b>Test liquid</b>
Propane, propane-butane mixtures <sup>a</sup>	n-Hexane
<u>Methylacetylene-Propadiene Stabilized (MPS)</u>	<u>Liquid MPS</u>
Other <u>natural and manufactured</u> <del>fuel</del> gases other than propane or MPS-Gas	IRM 903 Oil (ASTM D471) and n-Hexane
<sup>a</sup> <u>If the torch unit is for butane only, butane in the liquid phase may be used as the test fluid.</u>	