ANSI STANDARDS ACTION

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## Contents



# 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

★ Standard for consumer products



**ISSN 0038-9633**

# Comment Deadline: January 21, 2007

## UL (Underwriters Laboratories, Inc.)

### *Revisions*

BSR/UL 1709-200x, Standard for Rapid Rise Fire Tests of Protection Materials for Structural Steel (Proposals dated 12-22-06) (revision of ANSI/UL 1709-2005)

Revises 3.1 of the average temperature tolerance of the fire environment within the furnace from 200°F to 100°F.

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

Send comments (with copy to BSR) to: Megan VanHeirseele, UL-IL; Megan.M.VanHeirseele@us.ul.com

# Comment Deadline: February 5, 2007

## API (American Petroleum Institute)

### *New National Adoptions*

BSR/API 671, 4th Edition-200x, Special Purpose Couplings for Petroleum Chemical and Gas Industry Services (identical national adoption and revision of ANSI/API 671-1999)

Specifies the requirements for couplings for the transmission of power between the rotating shafts of two machines in special-purpose applications in the petroleum, petrochemical and natural gas industries. Couplings covered by this International Standard are designed to accommodate parallel (or lateral) offset, angular misalignment and axial displacement of the shafts without imposing unacceptable mechanical loading on the coupled machines. It is applicable to gear, metallic flexible element, quill shaft and torsionally resilient type couplings.

Single copy price: $25.00

Obtain an electronic copy from: ghaeys@api.org

Order from: Shail Ghaey, API (Organization); ghaeys@api.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 D7328-200x, Test Method for the Determination of Total and Potential Inorganic Sulfate and Total Inorganic Chloride in Fuel Ethanol by Ion Chromatography Using Aqueous Sample Injection (new standard)

This test method describes an ion chromatographic procedure for the determination of the total and potential inorganic sulfate and total inorganic chloride content in hydrous and anhydrous denatured ethanol to be used in motor fuel applications. It is intended for the analysis of ethanol samples containing between 0.55-20 mg/kg of total inorganic sulfate, 4.0-20 mg/kg of potential inorganic sulfate, and 0.75-50 mg/kg of total inorganic chloride.

Single copy price: $40.00

BSR/ASTM E2538-200x, Practice for Defining and Implementing Pharmacotherapy Information Services within the Electronic Health Record Environment and Networked Architectures (new standard)

Extends the definition of the EHR Structure and Content to document how that content provides support for all aspects of patient care for an individual and for all related aspects of research and public health involving pharmacotherapy.

Single copy price: $62.00

## CEA (Consumer Electronics Association)

### *New Standards*

★ BSR/CEA 766-B-200x, U.S. and Canadian Rating Region Tables (RRT) and Content Advisory Descriptors for Transport of Content Advisory Information Using ATSC Program and System Information Protocol (PSIP) (new standard)

Specifies the exact syntax to be used to define the U.S. and Canadian Rating Region Tables (RRT) in accordance with ATSC A/65C Section 6.4, as well as the exact syntax to be used in the Content Advisory Descriptors that convey the rating information for each program in accordance with ATSC A/65C Section 6.9.3. Thus, DTV receivers may block unwanted programs as determined by the user.

Single copy price: $54.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Jean Johnson, CEA; jjohnson@ce.org

★ BSR/CEA 803-A-200x, Mobile Electronics Wiring Designations for Audio, and Vehicle Security/Convenience (new standard)

Defines the terms, abbreviations, and definitions used in the sales and installation of vehicle aftermarket audio and security equipment. The standard adds continuity to mobile electronics installation information, enables easier data collection, and ensures consistency of information to installers.

Single copy price: $44.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Megan Hayes, CEA; mhayes@ce.org

★ BSR/CEA 2020-200x, Other VBI Waveforms (new standard)

Specifies four Vertical Blanking Interval (VBI) waveforms in commercial use. The electrical properties of the waveforms are covered, but the meaning of the payload data is not. The waveforms apply to 525-line, interlaced (i.e., 480i) analog television signals. The waveforms may be present on analog inputs and analog outputs, but no conformance requirements about the actual presence of the waveforms are defined in this standard.

Single copy price: $54.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Jean Johnson, CEA; jjohnson@ce.org

## FM (FM Approvals)

### *New Standards*

BSR/FM 4950-200x, Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (new standard)

Sets performance requirements for welding pads, welding blankets and welding curtains used as a means of preventing the ignition of combustibles during welding, cutting and other hot work operations. Welding pads, welding blankets and welding curtains will be evaluated on their ability to:

- prevent burn-through of the material;
- provide adequate protection for adjacent combustibles;
- limit temperature transmission through the material;
- resist melting, dripping or deformation,
- maintain their flexibility, durability and structural integrity; and
- resist degradation from weathering.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmglobal.com

Order from: Josephine Mahnken, FM; josephine.mahnken@fmglobal.com

Send comments (with copy to BSR) to: Same

## GEIA (Government Electronics & Information Technology Association)

### *Revisions*

BSR/EIA 656-B-200x, I/O Buffer Information Specification (IBIS) (revision of ANSI/EIA 656-A-1999 (R2005))

Specifies the electronic behavior of digital integrated circuit input/output (I/O) analog characteristics. IBIS defines a consistent software-parsable format for essential behavioral information. Within the IBIS format, vendors can accurately model buffers while minimizing disclosure of proprietary design information. IBIS is intended to support simulation tools at many levels of sophistication.

Single copy price: $170.00

Obtain an electronic copy from: www.geia.org and click on online store at top of page.

Order by Phone: Call (800) 699-9277

Send comments (with copy to BSR) to: Chris Denham, GEIA; cdenham@geia.org; amwai@geia.org

## HL7 (Health Level Seven)

### *New Standards*

BSR/HL7 EHR, R1-200x, HL7 EHR System Functional Model, Release 1 (new standard)

The HL7 EHR System Functiona Model provides a reference list of functions that may be present in an Electronic Health Record System (EHR-S). The function list is described from a user perspective with the intent to enable consistent expression of system functionality. Reconciliation revisions from the previous ballot required some substantive changes to functions and conformance criteria.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 INFOB, R1-200x, HL7 Version 3 Standard: Infobutton Application, Release 1 (new standard)

Describes message exchange between clinical information systems and knowledge sources as part of clinical decision support. This version contains minor corrections and enhancements as a result of prior committee level ballot feedback, more specifically:
(1) removal of artifacts that were related to future phases of this proposed topic;
(2) use of more specific names for interactions;
(3) HMD was not published in the previous ballot; and
(4) fixed UCUM codes used in the documentation.

Single copy price: Free (HL7 members); $600.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

### *Revisions*

BSR/HL7 Arden V2.6-200x, Health Level Seven Arden Syntax for Medical Logic Systems, Version 2.6 (revision of ANSI/HL7 Arden V2.5-2005)

This is an extension of the Arden Syntax standard to improve temporal references and multi-language output in this formalism for represeting computable clinical knowledge. This ballot includes:
- the addition of a Resources category for internationalization of message;
- the addition of time-of-day and day-of-week concepts and methods;
- an extension of the allowed character set;
- changes to the structured link slot; and
- structured data object.

Single copy price: $50.00

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 SPL, R3-200x, HL7 Version 3 Standard: Structured Product Labeling, Release 3 (revision of ANSI/HL7 V3 SPL, R2-2006)

This new release of SPL:
- includes information about representing complex drug packaging;
- provides a way for expressing dose ranges; and
- provides a message for describing images in the document.

Single copy price: Free (HL7 members); $50.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

## ISA (ISA)

### *New National Adoptions*

BSR/ISA 61010-031 (82.02.02)-200x, Safety Requirements for 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 (2002-01))

Applies to hand-held and hand-manipulated probe assemblies, and related accessories which are intended for professional, industrial process, and educational use. These probe assemblies are for use in the interface between an electrical phenomenon and test or measurement equipment. They may be fixed to the equipment or be detachable accessories for the equipment.

Single copy price: Free

Obtain an electronic copy from: ebeattie@isa.org

Order from: Eliana Beattie, ISA; ebeattie@isa.org

Send comments (with copy to BSR) to: Same

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

### *Supplements*

BSR INCITS 358-2002 Amendment 1-200x, Information Technology - BioAPI Specification (Version 1.1) - Amendment 1: Support for Biometric Fusion (supplement to ANSI INCITS 358-2002)

Adds support for biometric fusion to the standard and extends the API and the SPI of BioAPI by specifying new functions and new values for existing data types.

Single copy price: $30.00

Obtain an electronic copy from: http://www.incits.org or http://webstore.ansi.org

Order from: Global Engineering Documents; www.global.ihs.com

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

### *Reaffirmations*

INCITS/ISO/IEC 13660-2001 (R200x), Information technology - Office equipment - Measurement of image quality attributes for hardcopy output - Binary monochrome text and graphic images (reaffirmation of INCITS/ISO/IEC 13660-2001)

Specifies device-independent image-quality attributes, measurement methods, and analytical procedures to describe the quality of output images from hardcopy devices. This International Standard is applicable to human-readable documents composed of binary monochrome images produced from impact printers, non-impact printers, and copiers.

Single copy price: $30.00

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

Order from: Global Engineering Documents; www.global.ihs.com

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

## LIA (ASC Z136) (Laser Institute of America)

### *Revisions*

BSR Z136.1-200x, Safe Use of Lasers (revision of ANSI Z136.1-2000)

Provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

Single copy price: $30.00

Obtain an electronic copy from: bsams@laserinstitute.org

Order from: Barbara Sams, LIA (ASC Z136); bsams@laserinstitute.org

Send comments (with copy to BSR) to: Same

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

### *Revisions*

BSR/NPES CGATS.9-200x, Graphic technology - Graphic arts transmisson densitometry measurements - Terminology, equations, image elements and procedures (revision of ANSI CGATS.9-2005)

Defines terminology, equations, process control elements, and procedures for measurement and communication of transmission densitometry data for graphic arts halftone images.

Single copy price: $10.00

Obtain an electronic copy from: mabbott@npes.org

Order from: Mary Abbott, NPES (ASC CGATS); mabbott@npes.org

Send comments (with copy to BSR) to: Same

## NSF (NSF International)

### *Revisions*

BSR/NSF 14-200x (i18), Plastic piping system components and related materials (revision of ANSI/NSF 14-2003)

Issue 18: To update Section 5.4 to require maximum wall thickness as a critical dimension for pipe with insert-type fittings.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Sarah Kozanecki, NSF; kozanecki@nsf.org

Send comments (with copy to BSR) to: Same

## SCTE (Society of Cable Telecommunications Engineers)

### *New Standards*

BSR/SCTE 125-200x, Test Method for Mainline PIN (Plug) Connector Return Loss (new standard)

Describes a procedure to measure the Return Loss characteristics of a single Mainline Pin Connector interfaced between a mainline cable and a precision airline.

Single copy price: Free (electronic copy)

Obtain an electronic copy from: soksala@scte.org

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, soksala@scte.org

### *Reaffirmations*

BSR/SCTE 32-2002 (R200x), Ampacity of Coaxial Telecommunications Cables (reaffirmation of ANSI/SCTE 32-2002)

Provides the current-carrying capacity or ampacity of coaxial cables used in the Telecommunications Industry.

Single copy price: Free (electronic copy)

Obtain an electronic copy from: soksala@scte.org

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, soksala@scte.org

## UL (Underwriters Laboratories, Inc.)

### *New National Adoptions*

★ BSR/UL 60745-2-3-200x, Hand-Held Motor-Operated Electrical Tools - Safety - Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (national adoption with modifications of IEC 60745-2-3)

Applies to grinders, with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity, polishers and disk-type sanders, including angle, straight and vertical. This standard applies to tools with a rated capacity not exceeding 230 mm.

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

### *Revisions*

BSR/UL 80-200x, Standard for Safety for Steel Tanks for Oil-Burner Fuel (Bulletin dated December 22, 2006) (revision of ANSI/UL 80-2004)

Includes:
- Revision of the scope;
- Addition of definitions and requirements for tank components;
- Revision of requirements for materials, shell seams, and head joints; and
- Pipe connections.

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: Edward Minasian, UL-NY; Edward.D.Minasian@us.ul.com

BSR/UL 123-200x, Standard for Oxy-Fuel Gas Torches (Proposals dated 12/22/06) (revision of ANSI/UL 123-1997)

The following changes in requirements are being proposed:
(1) Addition of leakage test;
(2) Addition of the valve-endurance test;
(3) Addition of the temperature test;
(4) Addition of the volume-change and weight-loss test;
(5) Addition of the accelerated aging test;
(6) Addition of requirements covering service pressure rating; and
(7) Revision and addition of instructions.

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: Marcia Kawate, UL-CA, Marcia.M.Kawate@us.ul.com

BSR/UL 448-200x, Standard for Safety for Pumps for Fire-Protection Service (revision of ANSI/UL 448-2004)

Includes the following changes:
(1) Changes the Scope section to reference centrifugal pumps;
(2) Increaser fittings are not required to be supplied;
(3) Clarifies which devices are required to be supplied with pump;
(4) Provisions for feet or base to be provided by pump manufacturer;
(5) Deletes Section 12, as it is covered by NFPA 20;
(6) Clarifies criteria for the discharge head for a vertical turbine pump;
(7) Clarifies which metals are accepted as corrosion resistant;
(8) Clarifies the term “maximum working pressure”;
(9) Provides clarification as to the intended requirements for strainers, operation test, endurance test, and pump marking; and
(10) Revises 6.8 to reference ISO 1940-1 in lieu of ANSI S2.19.

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: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

BSR/UL 674-200x, Standard for Safety for Electric Motors and Generators for Use in Division 1 (revision of ANSI/UL 674-2003)

Covers the following equipment for installation and use in hazardous (classified) locations:
- Electric motors and generators;
- Submersible and nonsubmersible sewage pumps and systems;
- Class 1, Division 1, Groups B, C, D and Class II, Division 1 Groups E, F, and G;
- Explosion-proof equipment for use in Class 1, Zone 1, Groups IIA, IIB, and IIB plus hydrogen; and
- Horizontal and vertical machines with fractional and integral horsepower ratings for use on alternating current or direct current.

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: Patti Van Laeke, UL-NC; Patricia.Vanlaeke@us.ul.com

# Comment Deadline: February 20, 2007

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

## AGMA (American Gear Manufacturers Association)

### *Revisions*

BSR/AGMA 2004-200x, Gear Materials, Heat Treatment and Processing Manual (revision of ANSI/AGMA 2004-B89 (R2006))

Provides information pertaining to ferrous and nonferrous materials used in gearing. Factors in material selection, including material forms, properties, and associated processing and heat treatments are discussed. Heat-treating procedures used for gearing are covered in detail, including process descriptions, product specifications, process controls, and characteristics of heat treated gearing. Post heat treatment processes to meet gearing requirements are discussed.

Single copy price: $35.00

Order from: William Bradley, AGMA; tech@agma.org

Send comments (with copy to BSR) to: Same

## ASME (American Society of Mechanical Engineers)

### *Revisions*

BSR/ASME B18.9-200x, Plow Bolts (revision of ANSI/ASME B18.9-1996 (R2003))

Covers general and dimensional data for inch series plow bolts recognized as American National Standard. The inclusion of dimensional data in this standard is not intended to imply that all of the products described are stock production items. Consumers should consult with suppliers concerning the availability of products.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B107.50-200x, Brick Chisels, Brick Sets, and Star Drills (revision, redesignation and consolidation of ANSI/ASME B107.50M-1998 and ANSI/ASME B107.51-2001)

Provides performance and safety requirements for brick chisels, brick sets and hand-held star drills. Brick chisels and brick sets are intended specifically for use in scoring and cutting brick and masonry block. Star drills are intended for use in drilling holes in brick, tile, concrete, or stone. Inclusion of dimensional data in this Standard does not mean that all products described herein are stock production sizes.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Jack Karian, ASME; karianj@asme.org

BSR/ASME MFC-16M-200x, Measurement of Fluid Flow in Closed Conduit by Means of Electromagnetic Flowmeters (revision of ANSI/ASME MFC-16M-1995 (R2006))

Applies to industrial electromagnetic flowmeters and their application in the measurement of liquid flow. The electromagnetic flowmeters covered by this Standard utilize an alternating electrical current (AC) or pulsed direct-current (pulsed-DC) to generate a magnetic field in electrically conductive and electrically-homogeneous liquids or slurries flowing in a completely filled, closed conduit.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

## ASSE (ASC A10) (American Society of Safety Engineers)

### *New Standards*

BSR/A10.18-200x, Safety Requirements for Temporary Roof and Floor Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations (new standard)

Prescribes rules and establishes minimum safety requirements for the protection of employees and the public from hazards arising out of or associated with temporary roof and floor holes, wall openings, stairways and other unprotected edges, including low-sloped roofs, during construction and demolition activities. This standard applies only to those instances when the leading edge work is inactive and is not currently under construction and is, therefore, considered an “unprotected side and edge”.

Single copy price: $40.00

Order from: Timothy Fisher, ASSE; tfisher@asse.org

Send comments (with copy to BSR) to: Same

## EIA (Electronic Industries Alliance)

### *Revisions*

BSR/EIA 364-56D-200x, Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-56C-2006)

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

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

BSR/EIA 364-1000-200x, Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (revision and redesignation of ANSI/EIA 364-1000.01A-2006)

Establishes the test procedures and test sequences to be followed when evaluating the performance of electrical connectors and sockets used in controlled environments.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

### IESNA (Illuminating Engineering Society of North America)

***Revisions***

BSR/IESNA RP-27.3-200x, Recommended Practice for Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision of ANSI/IESNA RP-27.3-1996)

Provides guidance for the proper categorization, classification and informational requirements for lamps that emit optical radiation in the wavelength range from 200 - 3000 nm so that they may be properly applied in the design of lamp systems.

Single copy price: $25.00

Order from: Rita Harrold, IESNA; rharrold@iesna.org

Send comments (with copy to BSR) to: Same

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

***New National Adoptions***

BSR Z80.24-200x, Opthalmic Optics - Information Interchange for Ophthalmic Optical Equipment (identical national adoption and revision of ANSI Z80.24-2002)

Provides a communication protocol for equipment and computers used for processing of prescription eyeware.

Single copy price: $10.00

Order from: Kris Dinkle, OLA (ASC Z80); kdinkle@ola-labs.org

Send comments (with copy to BSR) to: Same

# Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

## Trial use period: December 14, 2006 through June 30, 2007

### ASCE (American Society of Civil Engineers)

ASCE/AWWA Draft American National Standard for Trial Use, Guidelines for the Physical Security of Water Utilities (trial use standard)

Provides guidelines for the physical security of facilities used in potable water source, treatment, and distribution systems.

Single copy price: Free

Order from: Muhammad Amer, ASCE; wise@asce.org

Send comments (with copy to BSR) to: Same

ASCE/AWWA Draft American National Standard for Trial Use, Guidelines for the Physical Security of Wastewater/Stormwater Utilities (trial use standard)

Provides guidelines for the physical security for wastewater collection and treatment systems (also referred to as sanitary sewer collection and treatment systems) and stormwater systems.

Single copy price: Free

Order from: Muhammad Amer, ASCE; wise@asce.org

Send comments (with copy to BSR) to: Same

# 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.

## Comment Deadline: January 21, 2007

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

ANSI X9 TR 100-2006, Organization of Standards for Paper-Based and Image-Based Payments - Part 1: Organization of Standards - Part 2: Definitions Used in Standard (NOT AN AMERICAN NATIONAL STANDARD) (technical report)

Part 1 of this technical report recommends the numbering scheme for all standards associated with paper-based and image-based payments. The basic numbering scheme is divided into two sections; core standards and application standards. Core standards cover such items as paper requirements, MICR requirements, optical requirements, and image requirements. Application standards cover such items as check documents, deposit tickets, internal documents, image replacement documents, other documents, MICR, security, and electronic. Part 2 of this technical report lists the definitions of industry specific words and phrases required for the understanding of paper-based and image-based payment standards.

Single copy price: Free

Obtain an electronic copy from: janet.busch@x9.org

Order from: Janet Busch, ASC X9; janet.busch@x9.org

Send comments (with copy to BSR) to: Same

# 2007 NFPA Fall Revision Cycle Report on Proposals

**Comment Deadline: March 2, 2007**

### NFPA (National Fire Protection Association)

See the Information Concerning section of this issue of Standards Action for more information.

***New Standards***

BSR/NFPA 806-200x, Performance Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants (new standard)

Provides minimum fire protection requirements for advanced nuclear reactor electric generating plants during all phases of plant operation, including shutdown, degraded conditions, and decommissioning.

***Revisions***

BSR/NFPA 17-200x, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-2002)

Includes minimum requirements for dry chemical fire-extinguishing systems that discharge dry chemical from fixed nozzles or hand hose lines by means of expellant gas.

BSR/NFPA 17A-200x, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-2002)

Applies to the design, installation, operation, testing, and maintenance of pre-engineered wet chemical fire extinguishing systems that discharge wet chemical from fixed nozzles and piping by means of expellant gas. It contains only the essential requirements and recommendations needed to make the standard workable in the hands of those skilled in this field.

BSR/NFPA 22-200x, Standard for Water Tanks for Private Fire Protection (revision of ANSI/NFPA 22-2003)

Provides the minimum requirements for the design, construction, installation, and maintenance of tanks and accessory equipment that supply water for private fire protection, including the following:
(1) Gravity tanks, suction tanks, pressure tanks, and embankment-supported coated fabric suction tanks;
(2) Towers;
(3) Foundations;
(4) Pipe connections and fittings;
(5) Valve enclosures;
(6) Tank filling; and
(7) Protection against freezing.

BSR/NFPA 59-200x, Utility LP-Gas Plant Code (revision of ANSI/NFPA 59-2004)

Applies to the design, construction, location, installation, operation, and maintenance of refrigerated and nonrefrigerated utility gas plants. Coverage of liquefied petroleum gas systems at utility gas plants shall extend to the point where LP-Gas or a mixture of LP-Gas and air is introduced into the utility distribution system.

BSR/NFPA 75-200x, Standard for the Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2003)

This standard covers the requirements for the protection of information technology equipment and information technology equipment areas.

BSR/NFPA 76-200x, Standard for the Fire Protection of Telecommunications Facilities (revision of ANSI/NFPA 76-2005)

This standard provides requirements for fire protection of telecommunications facilities where telecommunication services such as telephone, data, cellular, internet, voice over internet protocol (VoIP), and video are rendered to the public.

★ BSR/NFPA 115-200x, Standard for Laser Fire Protection (revision of ANSI/NFPA 115-2003)

This document shall provide minimum fire protection requirements for the design, manufacture, installation, and use of lasers and associated equipment. Criteria for training for and responding to fire emergencies involving lasers shall be included.

BSR/NFPA 140-200x, Standard on Motion Picture and Television Production Studio Soundstages and Approved Production Facilities (revision of ANSI/NFPA 140-2004)

This standard shall address fire protection, property protection, and life safety in motion picture and television industry soundstages and approved production facilities.

BSR/NFPA 496-200x, Standard for Purged and Pressurized Enclosures for Electrical Equipment (revision of ANSI/NFPA 496-2003)

This standard applies to purging and pressurizing for the following:
(1) Electrical equipment located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70;
(2) Electrical equipment containing sources of flammable vapors or gases and located in either classified or unclassified areas;
(3) Control rooms or buildings located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70; and
(4) Analyzer rooms containing sources of flammable vapors or gases and located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70.

This standard does not apply to electrical equipment located in:
(1) Areas classified as Class I, Zone 0;
(2) Areas classified as Class III; or
(3) Areas where flammable liquids may be splashed or spilled on the electrical equipment.

BSR/NFPA 497-200x, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-2004)

This recommended practice applies to those locations where flammable gases or vapors, flammable liquids, or combustible liquids are processed or handled; and where their release into the atmosphere could result in their ignition by electrical systems or equipment.

BSR/NFPA 499-200x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2004)

This recommended practice applies to those locations where combustible dusts are produced, processed, or handled, and where dust released into the atmosphere or accumulated on surfaces could be ignited by electrical systems or equipment.

★ BSR/NFPA 730-200x, Guide for Premises Security (revision of ANSI/NFPA 730-2006)

This guide describes construction, protection, and occupancy features, and practices, intended to reduce security vulnerabilities to life and of property.

BSR/NFPA 731-200x, Standard for the Installation of Electronic Premises Security Systems (revision of ANSI/NFPA 731-2006)

This standard covers the application, location, installation, performance, testing, and maintenance of physical security systems and their components.

BSR/NFPA 801-200x, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2003)

Addresses fire protection requirements intended to reduce the risk of fires and explosions at facilities handling radioactive materials. These requirements are applicable to all locations where radioactive materials are stored, handled, or used in quantities and conditions requiring government oversight and/or license (e.g., U.S. Nuclear Regulatory Commission or U.S. Department of Energy) to possess or use these materials and to all other locations with equal quantities or conditions.

BSR/NFPA 909-200x, Code for the Protection of Cultural Resources Properties - Museums, Libraries, and Places of Worship (revision of ANSI/NFPA 909-2005)

Applies to culturally significant structures and to their contents. Such structures include, but are not limited to, buildings that store or display museum or library collections, historic buildings, and places of worship. These structures also include spaces within other buildings used for such culturally significant purposes. New Cultural Property Occupancies. The requirements of this code shall apply to the following:
(1) New buildings or portions thereof used as a cultural property occupancy;
(2) Additions made to a cultural property occupancy;
(3) Alterations, modernizations, or renovations of existing occupancies; and
(4) Existing buildings or portions thereof upon change of occupancy to a cultural property occupancy (Existing Cultural Property Occupancies).

BSR/NFPA 921-200x, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2004)

This document is designed to assist individuals who are charged with the responsibility of investigating and analyzing fire and explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

★ BSR/NFPA 1006-200x, Standard for Rescue Technician Professional Qualifications (revision of ANSI/NFPA 1006-2003)

This standard establishes the minimum job performance requirements necessary for fire service and other emergency response personnel who perform technical rescue operations.

BSR/NFPA 1192-200x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2005)

Covers fire and life safety criteria for recreational vehicles.

BSR/NFPA 1194-200x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2005)

This standard shall provide minimum construction requirements to ensure a reasonable degree of safety and health for occupants using facilities supplied by recreational vehicle parks and campgrounds offering temporary living sites for use by recreational vehicles, recreational park trailers, and other camping units. This standard shall not cover the design of recreational vehicles, recreational park trailers, or other forms of camping units.

BSR/NFPA 1561-200x, Standard on Emergency Services Incident Management System (revision of ANSI/NFPA 1561-2005)

This standard shall contain the minimum requirements for an incident management system to be used by emergency services to manage all emergency incidents.

BSR/NFPA 1584-200x, Recommended Practice on the Rehabilitation of Members Operating at Incident Scene Operations and Training Exercises (revision of ANSI/NFPA 1584-2003)

This recommended practice establishes the minimum level of criteria for developing and implementing a rehabilitation process for fire department members at incident scene operations and training exercises.

BSR/NFPA 1852-200x, Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA) (revision of ANSI/NFPA 1852-2002)

Specifies the minimum requirements for the selection, care, and maintenance of open-circuit self-contained breathing apparatus (SCBA) and combination SCBA/SAR that are used for respiratory protection during fire fighting, rescue, and other hazardous operations.

BSR/NFPA 1925-200x, Standard on Marine Fire-Fighting Vessels (revision of ANSI/NFPA 1925-2004)

This standard shall provide minimum requirements for marine fire-fighting vessels. This standard shall also provide minimum maintenance and testing requirements.

BSR/NFPA 1962-200x, Standard for the Inspection, Care, and Use of Fire Hose, Couplings, and Nozzles and the Service Testing of Fire Hose (revision of ANSI/NFPA 1962-2003)

This standard shall apply to the inspection, care, and use of fire hose, fire-hose couplings, and fire-fighting nozzles; the service testing of fire hose; and the associated record-keeping.

BSR/NFPA 1964-200x, Standard for Spray Nozzles (revision of ANSI/NFPA 1964-2003)

This standard covers the requirements for new adjustable-pattern spray nozzles intended for general fire-fighting use, for marine and offshore platform fire-fighting use, or for use with fire hoses affixed to standpipe systems.

BSR/NFPA 1989-200x, Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection (revision of ANSI/NFPA 1989-2003)

Specifies the minimum requirements for breathing air quality for fire and emergency services organizations that use atmosphere-supplying respirators. This standard specifies the requirements for the breathing air quality component of the respiratory protection program required by NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.

BSR/NFPA 1999-200x, Standard on Protective Clothing for Emergency Medical Operations (revision of ANSI/NFPA 1999-2003)

Specifies the minimum documentation, design, performance, testing, and certification requirements for new single-use and new multiple-use emergency medical protective clothing, including garments, gloves, footwear, and face protection devices, used by fire and emergency services personnel during emergency medical operations.

# Call for Comment Contact Information

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

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# 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.

## AGMA (American Gear Manufacturers Association)

***New Standards***

ANSI/AGMA 9104-2006, Flexible Couplings - Mass Elastic Properties and Other Characteristics (Metric Edition) (new standard): 12/18/2006

***Reaffirmations***

ANSI/AGMA 2002-B88 (R2006), Tooth Thickness Specification and Measurement (reaffirmation of ANSI/AGMA 2002-B88 (R1996)): 12/14/2006

## ASA (ASC S12) (Acoustical Society of America)

***New National Adoptions***

ANSI S12.5-2006/ISO 6926:1999, Acoustics - Requirements for the Performance and Calibration of Reference Sound Sources Used for the Determination of Sound Power Levels (identical national adoption and revision of ANSI S12.5-1990 (R1997)): 12/18/2006

## ASME (American Society of Mechanical Engineers)

***Withdrawals***

ANSI/ASME Y14.13M-1981, Engineering Drawing and Related Documentation Practices - Mechanical Spring Representation (withdrawal of ANSI/ASME Y14.13M-1981 (R2003)): 12/18/2006

## AWWA (American Water Works Association)

***Revisions***

ANSI/AWWA C111-2006, Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings (revision and redesignation of ANSI/AWWA C111/A21.11-2000): 12/6/2006

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

***Revisions***

★ ANSI Z21.89b-2006, Outdoor Cooking Specialty Gas Appliances (same as CSA 1.18b) (revision of ANSI Z21.89-2004, ANSI Z21.89a-2006): 12/6/2006

## EIA (Electronic Industries Alliance)

***Revisions***

★ ANSI/EIA/CEA 364-32D-2006, Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-32C-2000): 12/18/2006

## IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

***New Standards***

★ ANSI N42.37-2006, Training Requirements for Homeland Security Purposes Using Radiation Detection Instrumentation for Interdiction and Prevention (new standard): 12/12/2006

ANSI N42.43-2006, Performance Criteria for Mobile and Transportable Radiation Monitors used for Homeland Security (new standard): 12/12/2006

## NEMA (National Electrical Manufacturers Association)

***Revisions***

ANSI/NEMA MW 1000-2006, Magnet Wire (Revision 2) (revision of ANSI/NEMA MW 1000-2005): 12/12/2006

## NISO (National Information Standards Organization)

***New Standards***

ANSI/NISO Z39.87-2006, Data Dictionary - Technical Metadata for Digital Still Images (new standard): 12/18/2006

## SIA (ASC A92) (Scaffold Industry Association)

***Revisions***

ANSI/SIA A92.8-2006, Vehicle Mounted Bridge Inspection and Maintenance Devices (revision of ANSI/SIA A92.8-1993 (R1998)): 12/12/2006

## UL (Underwriters Laboratories, Inc.)

***Reaffirmations***

ANSI/UL 969-2001 (R2006), Standard for Marking and Labeling Systems (reaffirmation of ANSI/UL 969-2001): 12/12/2006

***Revisions***

★ ANSI/UL 588-2006, Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2005): 12/18/2006

★ ANSI/UL 1026-2006, Standard for Safety for Electric Household Cooking and Food Serving Appliances (proposal dated 10-13-06) (revision of ANSI/UL 1026-2005a): 12/12/2006

ANSI/UL 1480-2006, Speakers for Fire Alarm, Emergency, and Commercial and Professional Use (revision of ANSI/UL 1480-2005): 12/12/2006

★ ANSI/UL 2388-2006, Flexible Lighting Products (revision of ANSI/UL 2388-2005): 12/18/2006

# 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, 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.

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**E-mail:** goodmanr@api.org

BSR/API RP 939-C-200x, Guidelines for Avoiding Sulfidation Corrosion Failures in Oil Refineries (new standard)

Stakeholders: Petroleum refining industry.

Project Need: To reduce equipment failures due to sulfidation

Provides guidance on how to address sulfidation corrosion in petroleum refining operations. RP 939-C is applicable to hydrocarbon process streams containing sulfur compounds, with and without the presence of hydrogen, that operate at temperatures above approximately 475 F (245 C) to 1000 F (540 C).
This document includes:
- background information;
- the root causes of sulfidation corrosion;
- the most common types of incidents and damage observed;
- methods to predict and monitor the corrosivity of systems;
- materials selection for new and revamped processes; and
- inspection and NDE techniques for detection.

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

**Office:** 1200 G Street NW, Ste 500
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BSR ATIS 0300007-200x, Identification of Physical Network Resources (revision of ANSI ATIS 0300007-2005)

Stakeholders: Telecommunications Industry.

Project Need: To show how ATIS interconnection standards map to ITU-T Recommendation M.1401, not only for network operator interconnection, but also for identification of PNR.

This standard shows how ATIS interconnection standards map to ITU-T Recommendation M.1401, Formalization of Interconnection Designations among Operators' Networks, not only for network operator interconnection, but also for identification of Physical Network Resources (PNR). Object classes corresponding to entities identified by the ATIS interconnection standards are added to PNR extension of the Rec. M.1401 application schema graph in this document.

BSR ATIS 0300211.a-200x, Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications Systems (supplement to ANSI T1.211-2001 (R2006))

Stakeholders: Telecommunications Industry

Project Need: To provide an informative annex to T1.211-2001 (R2006) that explains the role of TSP in an NGN/IP enviroment.

Provides an informative annex to T1.211-2001 (R2006) that explains the role of TSP in an NGN/IP enviroment.

BSR ATIS 1000678.a-200x, Lawfully Authorized Electronic Surveliance (LAES) for Voice-Over Packet Technologies in Wireline Telecommunication Networks (supplement to ANSI ATIS 1000678-2006)

Stakeholders: Telecommunications Industry.

Project Need: To provide clairfications, corrections and enhancements to ATIS 1000678.2006.

Provides clarifications, corrections, and enhancements.

**CEA (Consumer Electronics Association)**

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BSR/CEA 2014-A-200x, Web-Based Protocol and Framework for Remote User Interface on UPnP Networks and the Internet (Web4CE) (revision of ANSI/CEA 2014-2006)

Stakeholders: Consumer Electronics Industry.

Project Need: To revise ANS/CEA 2014.

This standard defines a machine-usable notation and semantics for representing consumer electronics tasks. The standard does not depend on any specific home networking technology or infrastructure; however, it includes appendices that describe how it can be implemented using some current technologies and standards.

**FM (FM Approvals)**

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BSR FM 4880-2001 (R200x), Standard for Evaluating A) Insulated Wall or Wall & Roof/Ceiling Assemblies, B) Plastic Interior Finish Materials, C) Plastic Exterior Building Panels, D) Wall/Ceiling Coating Systems, E) Interior or Exterior Finish Systems (reaffirmation of ANSI FM 4880-2001)

Stakeholders: Commercial and industrial building owners, architectural and specification industries.

Project Need: To create plastic materials and foam-insulated products with such limited combustibility and fire spread that sprinkler protection will not be needed for the building construction itself.

This standard sets the performance requirements for:
- insulated wall or wall and/or roof ceiling assemblies;
- plastic interior finish materials;
- plastic exterior building panels;
- wall/ceiling coating systems; and
- interior or exterior finish systems in wall or wall and roof/ceiling constructions installed to maximum heights of 30 ft or 50 ft (9.1 or 15.2 m) or unlimited heights when exposed to an ignition source simulating a building fire as described in this standard.

**HL7 (Health Level Seven)**

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BSR/HL7 V3 COMPORD, R1-200x, HL7 Version 3 Standard: Orders and Observations; Composite Order, Release 1 (new standard)

Stakeholders: Healthcare, ordering services providers.

Project Need: To generate v3.0 message functionality to replace functions supported in v2.x.

The Composite Order topic includes the ability to order multiple basic healthcare services in one message; the disciplines included are request for lab services, diagnostic imaging services, and pharmacy services. This topic covers all interactions related to requesting single or combinations of healthcare services.

BSR/HL7 V3 IDC, R2-200x, HL7 Version 3 Standard: Implantable Device Cardiac - Follow-up Device Summary, Release 2 (revision of ANSI/HL7 V3 IDC, R1-2006)

Stakeholders: Healthcare, Nursing.

Project Need: To generate v3.0 message functionality to replace functions supported in v2.x.

This message is related to the follow-up of an Implantable Cardiac Device (pacemaker, defibrillator, etc.) that will contain a subset of device observations, current device therapy settings and device diagnostic information. This is the 2nd release of this message. The 1st release was previously approved at membership level. For the 2nd release, an attribute level narrative has been provided for the HMD/RMIM. Also recursive ACT Class relationships were added to support hierarchical observations.

BSR/HL7 V3 OBSREQ, R1-200x, HL7 Version 3 Standard: Orders and Observations; Observation Request, Release 1 (new standard)

Stakeholders: Healthcare, Nursing, Diagnostic Imaging, Ordering Service Providers.

Project Need: To generate v3.0 message functionality to replace functions supported in v2.x

The Observation Request topic includes the request model for general, clinical observation services including diagnostic imaging. This topic covers all interactions related to requesting clinical observations recorded against a patient.

BSR/HL7 V3 ORPTRN, R1-200x, HL7 Version 3 Standard: Orders and Observations; Orders and Requests Pattern, Release 1 (new standard)

Stakeholders: Healthcare, Message Model Developers.

Project Need: To facilitate model design and harmonization for the request for healthcare services. This also drives designs to be included in the composite order.

The Orders and Requests Pattern topic includes an RMIM meant to be used as a pattern or starter set for the future development of any request for a healthcare service. The addition of this model to the HL7 methodology will assist future development of request models and drive harmonization efforts. This topic covers only the RMIM with no trigger events or interactions.

**ISA (ISA)**

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BSR/ISA 75.08.01-2002 (R200x), Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600) (reaffirmation of ANSI/ISA 75.08.01-2002)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping design without giving special consideration of the equipment manufacturer to be used.

This standard applies to integral flanged globe-style control valves, sizes 15 mm (1/2 inch) through 400 mm (16 inches), having top, top and bottom, port, or cage guiding.

BSR/ISA 75.08.05-2002 (R200x), Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves (Class 150, 300, 600, 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.05-2002)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping design without giving special consideration of the equipment manufacturer to be used.

This standard applies to buttweld-end globe-style control valves, sizes 15 mm (1/2 inch) through 450 mm (18 inches) for Classes 150 through 2500, having top, top and bottom, port, or cage guiding.

BSR/ISA 75.08.06-2002 (R200x), Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.06-2002)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping design without giving special consideration of the equipment manufacturer to be used.

This standard applies to flanged globe-style control valves, sizes 15 mm (1/2 inch) through 450 mm (18 inches), having top, top and bottom, port, or cage guiding.

**NFPA (National Fire Protection Association)**

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BSR/NFPA 87-200x, Recommended Practice for Fluid Heaters (new standard)

Stakeholders: Manufacturers, Users, Installer/Maintainers, Labor, Enforcing Authority.

Project Need: Public interest and need.

Applies to fluid heaters including thermal fluid heaters and process fluid heaters. The fluid shall be flowing, under pressure, and indirectly heated.

BSR/NFPA 1800-200x, Standard on Electronic Safety Equipment for Emergency Services (new standard)

Stakeholders: Manufacturers, Users, Installer/Maintainers, Labor, Enforcing Authority.

Project Need: Public interest and need.

Specifies the design, performance, testing, and certification requirements for electronic safety equipment used by emergency services personnel during emergency incident operations. This standard specifies requirements for the systems, protection layers, and devices using electronics embedded in or associated with new emergency services electronic safety equipment.

# 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, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/.

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

# IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) 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 IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

**Comments**

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

**Ordering Instructions**

**IEC Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an IEC Draft to Customer Service at 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.**

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2/1416/FDIS, Amendment 1 to IEC 60034-14 Ed.3: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity, 02/02/2007

9/1013/FDIS, IEC 61375-1 Ed.2: Electric railway equipment - Train bus - Part 1: Train communication network, 02/16/2007

9/1014/FDIS, IEC 61375-2 Ed.1: Electric railway equipment - Train bus - Part 2: Train communication network conformance testing, 02/16/2007

31/673/FDIS, IEC 60079-6 Ed. 3.0: Explosive atmospheres - Part 6: Equipment protection by oil immersion "o", 02/16/2007

46A/844/FDIS, IEC 61196-5: Coaxial communication cables - Part 5: Sectional specification for CATV trunk and distribution cables, 02/16/2007

46A/845/FDIS, IEC 61196-5.1: Coaxial communication cables - Part 5-1: Blank detail specification for CATV trunk and distribution cables, 02/16/2007

46A/846/FDIS, IEC 61196-1-203: Coaxial communication cables - Part 1-203: Environmental test methods - Test for water penetration of cable, 02/16/2007

48D/352/FDIS, IEC 61587-1 Ed. 2.0: Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 1: Climatic, mechanical tests and safety aspects for cabinets, racks, subracks and chassis, 02/02/2007

49/764/FDIS, IEC 60444-9 Ed.1: Measurement of quartz crystal unit parameters - Part 9: Measurement of spurious resonances of piezoelectric crystal units, 02/02/2007

61/3229/FDIS, IEC 60335-2-30-A2 Ed 4.0:Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters, 02/09/2007

62A/558/FDIS, ISO 14971 Ed.2: Medical devices -- Application of risk management to medical devices, 02/09/2007

62A/560/FDIS, IEC 60601-1-2 Ed.3: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests, 02/09/2007

86B/2447/FDIS, IEC 61753-083-2 Ed. 1.0: Fibre optic interconnecting devices and passive components performance standard - Part 083-2: Non-connectorised single-mode fibre optic C-band/L-band WDM devices for category C - Controlled environment, 02/09/2007

86B/2448/FDIS, IEC 61753-084-2 Ed. 1.0: Fibre optic interconnecting devices and passive components performance standard - Part 084-2: Non connectorised single-mode 980/1550nm WWDM devices for category C - Controlled environment, 02/09/2007

86B/2452/FDIS, IEC 61753-1 Ed. 1.0: Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards, 02/16/2007

103/64/FDIS, IEC 62272-2: Digital radio mondiale (DRM) - Part 2: Digital radio in the bands below 30 MHz - Methods of measurement for DRM transmitters, 02/02/2007

104/407/FDIS, IEC 60068-2-1 Ed. 6.0: Environmental testing - Part 2-1: Tests - Test A: Cold, 02/02/2007

# Newly Published ISO and IEC Standards

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

## ISO Standards

**DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)**

ISO 2692:2006, Geometrical product specifications (GPS) - Geometrical tolerancing - Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR), $102.00

**DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO 11962/Cor1:2006, Micrographics - Image mark (blip) used with 16 mm and 35 mm roll microfilm - Corrigendum, FREE

**FASTENERS (TC 2)**

ISO 15071/Cor1:2006, Hexagon bolts with flange - Small series - Product grade A - Corrigendum, FREE

ISO 15072/Cor1:2006, Hexagon bolts with flange with metric fine pitch thread - Small series - Product grade A - Corrigendum, FREE

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

ISO/PAS 20542:2006, Industrial automation systems and integration - Product data representation and exchange - Reference model for systems engineering, $102.00

ISO 10303-236:2006, Industrial automation systems and integration - Product data representation and exchange - Part 236: Application protocol: Furniture catalog and interior design, $299.00

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

ISO 10813-1/Cor1:2006, Vibration generating machines - Guidance for selection - Part 1: Equipment for environmental testing - Corrigendum, FREE

**MICROBEAM ANALYSIS (TC 202)**

ISO 22489:2006, Microbeam analysis - Electron probe microanalysis - Quantitative point analysis for bulk specimens using wavelength-dispersive X-ray spectroscopy, $66.00

**OTHER**

ISO/CIE 28077:2006, Photocarcinogenesis action spectrum (non-melanoma skin cancers), $48.00

**PHOTOGRAPHY (TC 42)**

ISO 18909/Cor1:2006, Photography - Processed photographic colour films and paper prints - Methods for measuring image stability - Corrigendum, FREE

**ROAD VEHICLES (TC 22)**

ISO 11565:2006, Road vehicles - Spark-plugs - Test methods and requirements, $54.00

**SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)**

ISO 15901-2:2006, Pore size distribution and porosity of solid materials by mercury porosimetry and gas adsorption - Part 2: Analysis of mesopores and macropores by gas adsorption, $102.00

**TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)**

ISO 16792:2006, Technical product documentation - Digital product definition data practices, $160.00

**WATER QUALITY (TC 147)**

ISO 5667-1:2006, Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques, $102.00

## ISO Technical Specifications

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

ISO/TS 10303-436:2006, Industrial automation systems and integration - Product data representation and exchange - Part 436: Application module: AP236 furniture catalog and interior design, $160.00

ISO/TS 10303-1351:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1351: Application module: Catalog data information, $160.00

ISO/TS 10303-1352:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1352: Application module: Catalog data information and shape representation, $150.00

ISO/TS 10303-1353:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1353: Application module: Parameterized catalog data information, $150.00

ISO/TS 10303-1354:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1354: Application module: Furniture interior decoration, $150.00

ISO/TS 10303-1355:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1355: Application module: Parameterized catalog data and shape representation, $150.00

ISO/TS 10303-1665:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1665: Applciation module: Electrical network definition, $112.00

ISO/TS 10303-1690:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1690: Application module: Interconnect placement requirements, $117.00

ISO/TS 10303-1601:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1601: Application module: Altered package, $112.00

ISO/TS 10303-1602:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1602: Application module: Altered part, $112.00

ISO/TS 10303-1603:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1603: Application module: Analytical model, $117.00

ISO/TS 10303-1604:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1604: Application module: AP210 assembly functional interface requirements, $150.00

ISO/TS 10303-1605:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1605: Application module: AP210 assembly functional requirements, $160.00

ISO/TS 10303-1606:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1606: Application module: AP210 assembly physical design, $170.00

ISO/TS 10303-1607:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1607: Application module: AP210 assembly physical interface requirements, FREE

ISO/TS 10303-1608:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1608: Application module: AP210 assembly physical requirements, $150.00

ISO/TS 10303-1609:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1609: Application module: AP210 assembly requirement allocation, $160.00

ISO/TS 10303-1610:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1610: Application module: AP210 assembly technology constraints, $131.00

ISO/TS 10303-1611:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1611: Application module: AP210 connection zone based model extraction, $139.00

ISO/TS 10303-1759:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1759: Application module: AP210 datum difference based model definition, $150.00

ISO/TS 10303-1612:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1612: Application module: AP210 device functional and physical characterization, $150.00

ISO/TS 10303-410:2006, Industrial automation systems and integration - Product data representation and exchange - Part 410: Application module: AP210 electronic assembly interconnect and packaging design, $180.00

ISO/TS 10303-1614:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1614: Application module: AP210 functional decomposition, $139.00

ISO/TS 10303-1615:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1615: Application module: AP210 functional requirement allocation, $139.00

ISO/TS 10303-1616:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1616: Application module: AP210 functional specification, $139.00

ISO/TS 10303-1617:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1617: Application module: AP210 interconnect design, $160.00

ISO/TS 10303-1618:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1618: Application module: AP210 interconnect design for microwave, $170.00

ISO/TS 10303-1619:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1619: Application module: AP210 interconnect functional requirements, $170.00

ISO/TS 10303-1620:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1620: Application module: AP210 interconnect physical requirements, $170.00

ISO/TS 10303-1621:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1621: Application module: AP210 interconnect requirement allocation, $170.00

ISO/TS 10303-1622:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1622: Application module: AP210 interconnect technology constraints, $150.00

ISO/TS 10303-1623:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1623: Application module: AP210 laminate assembly design, $160.00

ISO/TS 10303-1624:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1624: Application module: AP210 package functional and physical characterization, $150.00

ISO/TS 10303-1625:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1625: Application module: AP210 packaged part white box model, $150.00

ISO/TS 10303-1626:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1626: Application module: AP210 physical unit physical characterization, $139.00

ISO/TS 10303-1627:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1627: Application module: AP210 printed part functional and physical characterization, $160.00

ISO/TS 10303-1628:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1628: Application module: Design product data management, $124.00

ISO/TS 10303-1630:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1630: Application module: AP210 product rule, $131.00

ISO/TS 10303-1631:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1631: Application module: Area 2D, $112.00

ISO/TS 10303-1632:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1632: Application module: Assembly 2D shape, $112.00

ISO/TS 10303-1633:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1633: Application module: Assembly 3D shape, $112.00

ISO/TS 10303-1634:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1634: Application module: Assembly component placement requirements, $117.00

ISO/TS 10303-1635:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1635: Application module: Assembly functional interface requirement, $112.00

ISO/TS 10303-1636:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1636: Application module: Assembly module design, $117.00

ISO/TS 10303-1637:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1637: Application module: Assembly module macro definition, $112.00

ISO/TS 10303-1642:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1642: Application module: Assembly module usage view, $112.00

ISO/TS 10303-1644:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1644: Application module: Assembly module with cable component, $112.00

ISO/TS 10303-1638:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1638: Application module: Assembly module with cable component 2D, $112.00

ISO/TS 10303-1639:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1639: Application module: Assembly module with cable component 3D, $112.00

ISO/TS 10303-1643:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1643: Application module: Assembly module with interconnect component, $112.00

ISO/TS 10303-1640:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1640: Application module: Assembly module with macro component, $112.00

ISO/TS 10303-1645:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1645: Application module: Assembly module with packaged connector component, $112.00

ISO/TS 10303-1641:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1641: Application module: Assembly module with subassembly, $112.00

ISO/TS 10303-1647:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1647: Application module: Assembly physical interface requirement, $117.00

ISO/TS 10303-1648:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1648: Application module: Assembly physical requirement allocation, $112.00

ISO/TS 10303-1646:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1646: Application module: Footprint definition, $117.00

ISO/TS 10303-1649:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1649: Application module: Assembly technology, $117.00

ISO/TS 10303-1650:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1650: Application module: Bare die, $117.00

ISO/TS 10303-1651:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1651: Application module: Basic curve, $112.00

ISO/TS 10303-1652:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1652: Application module: Basic geometry, $112.00

ISO/TS 10303-1653:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1653: Application module: Cable, $112.00

ISO/TS 10303-1654:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1654: Application module: Characteristic, $117.00

ISO/TS 10303-1655:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1655: Application module: Chemical substance, $117.00

ISO/TS 10303-1657:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1657: Application module: Component feature, $112.00

ISO/TS 10303-1656:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1656: Application module: Component grouping, $112.00

ISO/TS 10303-1756:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1756: Application module: Conductivity material aspects, $112.00

ISO/TS 10303-1658:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1658: Application module: Connectivity allocation to physical network, $112.00

ISO/TS 10303-1660:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1660: Application module: Datum difference based model, $112.00

ISO/TS 10303-1661:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1661: Application module: Design management, $112.00

ISO/TS 10303-1662:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1662: Application module: Design specific assignment to assembly usage view, $112.00

ISO/TS 10303-1663:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1663: Application module: Design specific assignment to interconnect usage view, $112.00

ISO/TS 10303-1664:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1664: Application module: Device marking, $112.00

ISO/TS 10303-1366:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1366: Application module: Tagged text representation, $112.00

ISO/TS 10303-1667:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1667: Application module: Extended basic geometry, $112.00

ISO/TS 10303-1666:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1666: Application module: Extended geometric tolerance, $131.00

ISO/TS 10303-1668:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1668: Application module: Fabrication joint, $112.00

ISO/TS 10303-1669:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1669: Application module: Fabrication requirement, $112.00

ISO/TS 10303-1670:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1670: Application module: Fabrication technology, $124.00

ISO/TS 10303-1671:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1671: Application module: Feature and connection zone, $112.00

ISO/TS 10303-1672:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1672: Application module: Fill area style, $112.00

ISO/TS 10303-1673:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1673: Application module: Edge shape feature, $112.00

ISO/TS 10303-1674:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1674: Application module: Functional assignment to part, $112.00

ISO/TS 10303-1675:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1675: Application module: Functional decomposition to assembly design, $112.00

ISO/TS 10303-1676:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1676: Application module: Functional decomposition to design, $117.00

ISO/TS 10303-1677:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1677: Application module: Functional decomposition to interconnect design, $112.00

ISO/TS 10303-1678:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1678: Application module: Functional decomposition with nodal representation to packaged mapping, $112.00

ISO/TS 10303-1679:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1679: Application module: Functional specification, $112.00

ISO/TS 10303-1680:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1680: Application module: Functional unit requirement allocation, $112.00

ISO/TS 10303-1681:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1681: Application module: Generic material aspects, $112.00

ISO/TS 10303-1682:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1682: Application module: Interconnect 2D shape, $112.00

ISO/TS 10303-1684:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1684: Application module: Interconnect module connection routing, $117.00

ISO/TS 10303-1685:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1685: Application module: Interconnect module to assembly module relationship, $117.00

ISO/TS 10303-1686:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1686: Application module: Interconnect module usage view, $117.00

ISO/TS 10303-1687:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1687: Application module: Interconnect module with macros, $112.00

ISO/TS 10303-1688:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1688: Application module: Interconnect non planar shape, $112.00

ISO/TS 10303-1689:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1689: Application module: Interconnect physical requirement allocation, $117.00

ISO/TS 10303-1691:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1691: Application module: Interface component, $112.00

ISO/TS 10303-1692:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1692: Application module: Land, $117.00

ISO/TS 10303-1693:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1693: Application module: Layered 2D shape, $112.00

ISO/TS 10303-1694:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1694: Application module: Layered 3D shape, $112.00

ISO/TS 10303-1695:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1695: Application module: Layered interconnect module 2D design, $112.00

ISO/TS 10303-1696:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1696: Application module: Layered interconnect module 3D design, $112.00

ISO/TS 10303-1698:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1698: Application module: Layered interconnect module design, $139.00

ISO/TS 10303-1700:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1700: Application module: Layered interconnect module with printed component design, $117.00

ISO/TS 10303-1701:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1701: Application module: Layout macro definition, $112.00

ISO/TS 10303-1702:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1702: Application module: Manifold subsurface, $112.00

ISO/TS 10303-1703:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1703: Application module: Model parameter, $117.00

ISO/TS 10303-1704:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1704: Application module: Network functional design view, $117.00

ISO/TS 10303-1705:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1705: Application module: Functional usage view, $117.00

ISO/TS 10303-1706:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1706: Application module: Non feature shape element, $112.00

ISO/TS 10303-1707:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1707: Application module: Package, $117.00

ISO/TS 10303-1708:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1708: Application module: Packaged connector model, $112.00

ISO/TS 10303-1710:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1710: Application module: Packaged part black box model, $112.00

ISO/TS 10303-1709:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1709: Application module: Packaged part white box model, $112.00

ISO/TS 10303-1711:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1711: Application module: Part external reference, $112.00

ISO/TS 10303-1712:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1712: Application module: Part feature function, $112.00

ISO/TS 10303-1713:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1713: Application module: Part feature grouping, $112.00

ISO/TS 10303-1714:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1714: Application module: Part feature location, $112.00

ISO/TS 10303-1715:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1715: Application module: Part occurrence, $112.00

ISO/TS 10303-1716:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1716: Application module: Part template 2D shape, $117.00

ISO/TS 10303-1717:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1717: Application module: Part template 3D shape, $112.00

ISO/TS 10303-1718:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1718: Application module: Part template extension, $117.00

ISO/TS 10303-1719:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1719: Application module: Part template non planar shape, $112.00

ISO/TS 10303-1720:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1720: Application module: Part template shape with parameters, $112.00

ISO/TS 10303-1721:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1721: Application module: Physical component feature, $112.00

ISO/TS 10303-1755:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1755: Application module: Physical connectivity definition, $117.00

ISO/TS 10303-1722:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1722: Application module: Physical layout template, $112.00

ISO/TS 10303-1723:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1723: Application module: Physical node requirement to implementing component allocation, $112.00

ISO/TS 10303-1724:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1724: Application module: Physical unit 2D design view, $112.00

ISO/TS 10303-1726:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1726: Application module: Physical unit 2D shape, $117.00

ISO/TS 10303-1725:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1725: Application module: Physical unit 3D design view, $112.00

ISO/TS 10303-1727:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1727: Application module: Physical unit 3D shape, $112.00

ISO/TS 10303-1728:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1728: Application module: Physical unit design view, $117.00

ISO/TS 10303-1729:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1729: Application module: Physical unit interconnect definition, $112.00

ISO/TS 10303-1730:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1730: Application module: Physical unit shape with parameters, $117.00

ISO/TS 10303-1731:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1731: Application module: Constructive solid geometry 2D, $112.00

ISO/TS 10303-1732:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1732: Application module: Physical unit usage view, $117.00

ISO/TS 10303-1733:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1733: Application module: Planned characteristic, $112.00

ISO/TS 10303-1735:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1735: Application module: Pre defined datum 2D symbol, $112.00

ISO/TS 10303-1736:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1736: Application module: Pre defined datum 3D symbol, $112.00

ISO/TS 10303-1734:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1734: Application module: Pre defined datum symbol, $112.00

ISO/TS 10303-1760:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1760: Application module: Pre defined product data management specializations, $117.00

ISO/TS 10303-1737:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1737: Application module: Printed physical layout template, $117.00

ISO/TS 10303-1738:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1738: Application module: Product identification extension, $112.00

ISO/TS 10303-1739:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1739: Application module: Production rule, $117.00

ISO/TS 10303-1740:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1740: Application module: Requirement decomposition, $117.00

ISO/TS 10303-1741:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1741: Application module: Sequential laminate assembly design, $117.00

ISO/TS 10303-1742:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1742: Application module: Shape composition, $112.00

ISO/TS 10303-1743:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1743: Application module: Shape parameters, $112.00

ISO/TS 10303-1744:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1744: Application module: Discrete shield, $112.00

ISO/TS 10303-1745:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1745: Application module: Signal, $112.00

ISO/TS 10303-1746:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1746: Application module: Software, $112.00

ISO/TS 10303-1747:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1747: Application module: Specification document, $117.00

ISO/TS 10303-1748:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1748: Application module: Stratum non planar shape, $112.00

ISO/TS 10303-1749:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1749: Application module: Styled curve, $112.00

ISO/TS 10303-1750:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1750: Application module: Text representation, $112.00

ISO/TS 10303-1751:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1751: Application module: Test requirement allocation, $112.00

ISO/TS 10303-1757:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1757: Application module: Test select product, $112.00

ISO/TS 10303-1752:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1752: Application module: Thermal network definition, $112.00

ISO/TS 10303-1753:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1753: Application module: Value with unit extension, $117.00

ISO/TS 10303-1754:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1754: Application module: Via component, $112.00

ISO/TS 10303-1001:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1001: Application module: Appearance assignment, $112.00

ISO/TS 10303-1002:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1002: Application module: Colour, $117.00

ISO/TS 10303-1003:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1003: Application module: Curve appearance, $112.00

ISO/TS 10303-1004:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1004: Application module: Elemental geometric shape, $117.00

ISO/TS 10303-1006:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1006: Application module: Foundation representation, $112.00

ISO/TS 10303-1019:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1019: Application module: Product view definition, $112.00

ISO/TS 10303-1020:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1020: Application module: Product version relationship, $112.00

ISO/TS 10303-1027:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1027: Application module: Contextual shape positioning, $112.00

ISO/TS 10303-1030:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1030: Application module: Property assignment, $112.00

ISO/TS 10303-1032:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1032: Application module: Shape property assignment, $112.00

ISO/TS 10303-1038:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1038: Application module: Independent property representation, $112.00

ISO/TS 10303-1046:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1046: Application module: Product replacement, $112.00

ISO/TS 10303-1061:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1061: Application module: Project, $61.00

ISO/TS 10303-1063:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1063: Application module: Product occurrence, $112.00

ISO/TS 10303-1106:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1106: Application module: Extended measure representation, $117.00

ISO/TS 10303-1111:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1111: Application module: Classification with attributes, $117.00

ISO/TS 10303-1113:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1113: Application module: Group, $112.00

ISO/TS 10303-1116:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1116: Application module: Pdm material aspects, $112.00

ISO/TS 10303-1126:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1126: Application module: Document properties, $112.00

ISO/TS 10303-1130:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1130: Application module: Derived shape element, $112.00

ISO/TS 10303-1131:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1131: Application module: Construction geometry, $112.00

ISO/TS 10303-1136:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1136: Application module: Text appearance, $112.00

ISO/TS 10303-1141:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1141: Application module: Requirement view definition, $112.00

ISO/TS 10303-1288:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1288: Application module: Management resource information, $117.00

ISO/TS 10303-1291:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1291: Application module: Plib class reference, $112.00

ISO/TS 10303-1345:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1345: Application module: Item definition structure, $112.00

ISO/TS 10303-1659:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1659: Application module: Curve swept solid, $112.00

ISO/TS 10303-1613:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1613: Module dapplication: Physical unit non planar design view, $112.00

ISO/TS 10303-1761:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1761: Application module: Information product, $112.00

ISO/TS 10303-1762:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1762: Application module: Generic product occurence, $112.00

ISO/TS 10303-1763:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1763: Application module: Integral shield, $112.00

ISO/TS 10303-1764:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1764: Application module: Shape feature, $112.00

ISO/TS 10303-1765:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1765: Application module: Characterizable object, $112.00

ISO/TS 10303-1050:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1050: Application module: Dimension tolerance, $117.00

ISO/TS 10303-1051:2006, Industrial automation systems and integration - Product data representation and exchange - Part 1051: Application module: Geometric tolerance, $77.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 8802-11/Amd6:2006, 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 6: Medium Access Control (MAC) Security Enhancements, $190.00

ISO/IEC 8825-3/Amd2:2006, ASN.1 extensibility notation - Amendment 2, $14.00

# IEC Standards

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

IEC/TR 60728-6-1 Ed. 1.0 en:2006, Cable networks for television signals, sound signals and interactive services - Part 6-1: System guidelines for analogue optical transmission systems, $139.00

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

IEC 61169-16 Ed. 1.0 en:2006, Radio-frequency connectors - Part 16: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 7 mm (0,276 in) with screw coupling - Characteristics impedance 50 ohms (75 ohms) (type N), $110.00

**DEPENDABILITY (TC 56)**

IEC 61025 Ed. 2.0 b:2006, Fault tree analysis (FTA), $157.00

**ELECTRIC CABLES (TC 20)**

IEC 60287-1-1 Ed. 2.0 b:2006, Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General, $110.00

**ELECTRIC TRACTION EQUIPMENT (TC 9)**

IEC 60571 Ed. 2.1 b:2006, Electronic equipment used on rail vehicles, $139.00

**ELECTRICAL ACCESSORIES (TC 23)**

IEC/TR 62350 Ed. 1.0 b:2006, Guidance for the correct use of residual current-operated protective devices (RCDs) for household and similar use, $101.00

**ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)**

IEC 60601-1-6 Ed. 2.0 b:2006, Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability, $184.00

**ELECTROMAGNETIC COMPATIBILITY (TC 77)**

IEC/TR 61000-2-14 Ed. 1.0 en:2006, Electromagnetic compatibility (EMC) - Part 2-14: Environment - Overvoltages on public electricity distribution networks, $139.00

**ELECTROSTATICS (TC 101)**

IEC 61340-3-1 Ed. 2.0 b:2006, Electrostatics - Part 3-1: Methods for simulation of electrostatic effects - Human body model (HBM) electrostatic discharge test waveforms, $45.00

IEC 61340-3-2 Ed. 2.0 b:2006, Electrostatics - Part 3-2: Methods for simulation of electrostatic effects - Machine model (MM) electrostatic discharge test waveforms, $42.00

**EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)**

IEC 62056-46 Amd.1 Ed. 1.0 en:2006, Amendment 1 - Electricity metering - Data exchange for meter reading, tariff and load control - Part 46: Data link layer using HDLC protocol, $32.00

IEC 62056-53 Ed. 2.0 en:2006, Electricity metering - Data exchange for meter reading, tariff and load control - Part 53: COSEM application layer, $229.00

**FIBRE OPTICS (TC 86)**

IEC 61300-2-26 Ed. 2.0 b:2006, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-26: Tests - Salt mist, $42.00

IEC 61300-3-10 Ed. 2.0 b:2006, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-10: Examinations and measurements - Gauge retention force, $25.00

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

IEC/TR 61804-4 Ed. 1.0 en:2006, Function blocks (FB) for process control - Part 4: EDD interoperability guideline, $157.00

IEC 61987-1 Ed. 1.0 en:2006, Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 1: Measuring equipment with analogue and digital output, $139.00

IEC 62339-1 Ed. 1.0 en:2006, Modular component interfaces for surface-mount fluid distribution components - Part 1: Elastomeric seals, $32.00

**LASER EQUIPMENT (TC 76)**

IEC/TR 60825-8 Ed. 2.0 en:2006, Safety of laser products - Part 8: Guidelines for the safe use of laser beams on humans, $120.00

**NUCLEAR INSTRUMENTATION (TC 45)**

IEC/TR 62461 Ed. 1.0 b:2006, Radiation protection instrumentation - Determination of uncertainty in measurement, $139.00

**OTHER**

IECEX 60079-0 Ed. 4.0 en:2006, IECEx Test Report for IEC 60079-0 (2004) ed 4.0 - Electrical equipment for explosive gas atmospheres - Part 0: General requirements, $92.00

IECEX 60079-1 Ed. 5.0 en:2006, IECEx Test Report for IEC 60079-1 ed 5.0 (2003) - Electrical equipment for explosive gas atmospheres - Part 1: Flameproof enclosures 'd', $92.00

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC/TR 60870-6-505 Ed. 1.1 en:2006, Telecontrol equipment and systems - Part 6-505: Telecontrol protocols compatible with ISO standards and ITU-T recommendations - TASE.2 User guide, $201.00

**PRIMARY CELLS AND BATTERIES (TC 35)**

IEC 60086-1 Ed. 10.0 en:2006, Primary batteries - Part 1: General, $139.00

IEC 60086-2 Ed. 11.0 en:2006, Primary batteries - Part 2: Physical and electrical specifications, $157.00

**QUANTITIES AND UNITS, AND THEIR LETTER SYMBOLS (TC 25)**

IEC 60027-4 Ed. 2.0 b:2006, Letter symbols to be used in electrical technology - Part 4: Rotating electric machines, $82.00

IEC 60027-6 Ed. 1.0 b:2006, Letter symbols to be used in electrical technology - Part 6: Control technology, $54.00

**SWITCHGEAR AND CONTROLGEAR (TC 17)**

IEC 60947-5-9 Ed. 1.0 b:2006, Low-voltage switchgear and controlgear - Part 5-9: Control circuit devices and switching elements - Flow rate switches, $110.00

**ULTRASONICS (TC 87)**

IEC 61161 Ed. 2.0 b:2006, Ultrasonics - Power measurement - Radiation force balances and performance requirements, $139.00

**WIND TURBINE GENERATOR SYSTEMS (TC 88)**

IEC 61400-25-1 Ed. 1.0 en:2006, Wind turbines - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models, $110.00

IEC 61400-25-2 Ed. 1.0 en:2006, Wind turbines - Part 25-2: Communications for monitoring and control of wind power plants - Information models, $201.00

IEC 61400-25-3 Ed. 1.0 en:2006, Wind turbines - Part 25-3: Communications for monitoring and control of wind power plants - Information exchange models, $110.00

IEC 61400-25-5 Ed. 1.0 en:2006, Wind turbines - Part 25-5: Communications for monitoring and control of wind power plants - Conformance testing, $139.00

## IEC Technical Specifications

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

IEC/TS 62045-1 Ed. 1.0 en:2006, Multimedia security - Guideline for privacy protection of equipment and systems in and out of use - Part 1: General, $60.00

**ROTATING MACHINERY (TC 2)**

IEC/TS 60034-27 Ed. 1.0 b:2006, Rotating electrical machines - Part 27: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines, $157.00

**SAFETY OF ELECTRONIC EQUIPMENT WITHIN THE FIELD OF AUDIO/VIDEO, INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGY (TC 108)**

IEC/TS 62441 Ed. 1.0 b:2006, Accidentally caused candle flame ignition for audio/video, communication and information technology equipment, $37.00

**SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)**

IEC/TS 62257-7-1 Ed. 1.0 en:2006, Recommendations for small renewable energy and hybrid systems for rural electrification - Part 7-1: Generators - Photovoltaic arrays, $201.00

# 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 or notifyus@nist.gov.

# Information Concerning

## American National Standards

### Correction to Call-for-Comment Listings

### Incorrect E-Mail Address

In the IEEE listings in the Call-for-Comment section of the December 15, 2006 issue of Standards Action, the e-mail address for David Ringle of IEEE was incorrect. Please send all comments on those standards to: David Ringle, IEEE, d.ringle@ieee.org. We apologize for any inconvenience.

## National Fire Protection Association (NFPA) Standards

### 2007 Fall Revision Cycle Report on Proposals

### Comment Deadline: March 2, 2007

The National Fire Protection Association, in cooperation with ANSI, has developed a procedure whereby the availability of the semi-annual NFPA Report on Proposals will be announced simultaneously by NFPA and ANSI for review and comment.

Disposition of all comments will be published in the semi-annual NFPA Report on Comments, a copy of which will automatically be sent to all commentors, and to others upon request. All comments for the 2007 Fall Revision Cycle Report on Proposals must be received by March 2, 2007.

The NFPA 2007 Fall Revision Cycle Report on Proposals contains the Reports listed on page 6. If you wish to comment on these Reports, they are available and downloadable from the NFPA Website at www.nfpa.org, or you may request the 2007 Fall Revision Cycle Report on Proposals (ROP 07 FRC) from the:

National Fire Protection Association
Publications/Sales Department
11 Tracy Drive
Avon, MA 02322

Please note that some documents in the Report on Proposals do not contain the complete text of standards that are being revised, reconfirmed, or withdrawn. The full text of the standard is available from NFPA.

## ANSI Accredited Standards Developers

### Administrative Reaccreditation

### ASC N15 – Methods of Nuclear Material Control

Accredited Standards Committee N15, Methods of Nuclear Material Control has been administratively reaccredited at the direction of the Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2006 version of the ANSI Essential Requirements, effective December 19, 2006. The Institute of Nuclear Materials Management serves as the Secretariat of ASC N15. For additional information, please contact: Ms. Melanie May, ASC N15 Vice Chair, U.S. Department of Energy, c/o INMM, 60 Revere Drive, Suite 500, Northbrook, IL 60062; PHONE: (301) 903-1566; FAX: (301) 903-2247; E-mail: Melanie.May@hq.doe.gov.

### Application for Accreditation

### National Ground Water Association (NGWA)

### Comment Deadline: January 22, 2007

The National Ground Water Association (NGWA), an ANSI Organizational Member since October 2006, has submitted an Application for Accreditation as a Developer of American National Standards. NGWA's proposed scope of standards activity is as follows:

To formulate and publish, in the public interest, standards and procedural guidance for the construction of water well systems (for all end uses, i.e. residential, public supply, irrigation, commercial, etc.).

To obtain a copy of NGWA's proposed operating procedures, or to offer comments, please contact: Mr. Joseph Benes, Standards Administrator, National Ground Water Association, 601 Dempsey Road, Westerville, OH 43081; PHONE: (614) 898-7791; FAX: (614) 898-7786; E-mail: jbenes@ngwa.org. Please submit your comments to NGWA by January 22, 2007, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of NGWA's proposed operating procedures from ANSI Online during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fAccreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

### Withdrawal of Accreditation

### U.S. Product Data Association (US PRO)

The ANSI accreditation of the U.S. Product Data Association (US PRO) as a developer of American National Standards has been withdrawn at the request of the developer, effective December 14, 2006. For additional information, please contact: Ms. Lynn Crane, Program Director, US PRO ATI, 5300 International Boulevard, N. Charleston, SC 29418; PHONE: (843) 760-3783; FAX: (843) 207-5229; E-mail: cranel@aticorp.org.

## ANSI Accreditation Program for Third Party Personnel Certification Bodies

### Initial Accreditations

### National Strength and Conditioning Association (NSCA) and Project Management Institute (PMI)

### Comment Deadline: January 22, 2007

**National Strength and Conditioning Association (NSCA)**
3333 Landmark Circle
Lincoln, NE 68504

On December 12, 2006, the ANSI Personnel Certification Accreditation Committee (PCAC) voted to approve initial accreditation for NSCA for the following scopes:

Certified Strength and Conditioning Specialist
NSCA-Certified Personal Trainer

**Project Management Institute (PMI)**
Four Campus Boulevard
Newtown Square, PA 19073-3299

On December 12, 2006, the ANSI Personnel Certification Accreditation Committee (PCAC) voted to approve initial accreditation for PMI for the following scope:

Project Management Professional

Please send your comments by January 22, 2007 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293 9287 or E-mail: swift@ansi.org.

# ANSI-ASQ National Accreditation Board (ANAB)

## Draft ANAB Advisory A on Declaration of Competence Based on Competence Analyses

## Comment Deadline: January 28, 2007

Public comments are sought on the draft ANAB Advisory A on Declaration of Competence Based on Competence Analyses. Interested parties are invited to download the document and comment online at http://db.anab.org/rab/PublicRFCDetail.do?ID=509. Please submit your comments by January 28, 2007.

# International Organization for Standardization (ISO)

## Establishment of New Project Committees

## ISO/PC Cleaning Services – Requirements

The ISO Technical Management Board (TMB) has established a new project committee to work on the development of an ISO Standard in the field of cleaning services – requirements.

By submitting the proposal to ISO, Germany (DIN) noted that private cleaning firms are responsible for ensuring a high level of cleanliness in numerous public and private buildings in which there is considerable public traffic on a daily basis and where a low standard of cleanliness would have a negative effect on the image of the client organization. A high standard of cleanliness is also crucial to public hygiene. In some cases, private companies will expect the cleaning service to work in areas in which sensitive information or dangerous goods are stored, placing additional demands on the competence and integrity of the cleaning personnel.

Further, DIN cites that the proposed project will primarily deal with multi-regional cleaning services, especially those working on an international level.

As a result of the proposed standardization work, one single document is expected.

DIN (Germany) has been allocated the secretariat and will appoint a Chair for this committee. The committee will have the following scope:

> Requirements for cleaning services and cleaning service providers. It provides a framework and reference system for procurement purposes in the field of cleaning services, primarily addressing multi-regional service providers, especially those operating globally.

ANSI procedures require the establishment and accreditation of a Technical Advisory Group (TAG) in order for the United States to participate in the development of an ISO standard.

Anyone wishing to serve as Administrator for a US TAG for ISO/PC Cleaning Services – Requirements or to become a member of the US TAG, should one be established, please contact Henrietta Scully at ANSI via e-mail at hscully@ansi.org.

## ISO/PC Educational Services

The ISO Technical Management Board (TMB) has established a new project committee to work on the development of an ISO Standard in the field of educational services.

By submitting the proposal to ISO, Germany (DIN) noted there is a need to create a suitable framework for preparing standards in the field of educational services. The technical committee is also open to standards proposals relating to other areas of non-public education that share the common concern of encouraging cooperation in quality assurance, whereby particular emphasis is placed on the exchange of models and methods and the establishment of common criteria and principles. Core elements are ensuring the quality and effectiveness of the education or training and improvement of knowledge transfer whilst also enhancing the transparency and comparability of the range of educational services provided.

Further, DIN cites that, given the aim of vocational training is to improve competitiveness; it must be customized to company needs. This involves directing measures towards the requirements of the company whilst also considering the needs and capabilities of the individual. The collation of standardized data on the status of skills and requirements plays an important role in ensuring that education, training and quality assurance are tailor-made. After all, the quality of the education or training education providers' offer determines whether and to what extent they will enjoy market success.

DIN (Germany) has been allocated the secretariat and will appoint a Chair for this committee. The committee will have the following scope:

> Standardization in the field of services for learning, education and training to support individuals, groups, or organizations, in particular in vocational education. This involves setting standards in specific areas of non-public training and education, the initial focus being on vocational and in-company training and language training.
>
> The TC shall not create standards or technical reports that define cultural conventions. The TC shall not create standards in the field of information technologies for learning, education, and training.

ANSI procedures require the establishment and accreditation of a Technical Advisory Group (TAG) in order for the United States to participate in the development of an ISO standard.

Anyone wishing to serve as Administrator for a US TAG for ISO/PC Educational services or to become a member of the US TAG, should one be established, please contact Henrietta Scully at ANSI via e-mail at hscully@ansi.org.

## ISO/PC Fisheries and Aquaculture

The ISO Technical Management Board (TMB) has established a new project committee to work on the development of an ISO Standard in the field of Fisheries and Aquaculture.

By submitting the proposal to ISO, Norway (SN) has noted industries, businesses and trades connected to fisheries and aquaculture are all of an international nature. The same applies for the production of and trade with fish and fish products, as well as the equipment used in aquaculture and fisheries. Many of the processes involved have potentially far-reaching environmental impacts. Major consumer interests need to be taken into account, connected with, e.g., food safety. A sustainable development within the industry is, to a large extent, dependent on a variety of international agreements, in relation to trade, environmental awareness, safety and utilization of natural resources. In order to make the above-mentioned industry, business and trade more effective without losing sight of sustainable development, standardization can play a significant role. When applicable, the standards shall act as tools to supplement legislation and international agreements.

NS (Norway) has been allocated the secretariat and will appoint a Chair for this committee. The committee will have the following scope:

> Standardization in the field of fisheries and aquaculture. Important aspects would be environmental awareness, monitoring of biological resources, interface between technology and biology, animal health and welfare, occupational health and safety, food safety, traceability and terminology. Production and utilization of all types of edible materials and products derived from aquatic biological organisms as well as the organisms themselves are included.
>
> Excluded: Standardization of water quality (dealt with by ISO/TC 147), fishing nets (dealt with by ISO/TC 38) and food quality and food products as such (dealt with by ISO/TC 34).

Anyone wishing to serve as Administrator for a US TAG for ISO/PC Fisheries and Aquaculture or to become a member of the US TAG, should one be established, please contact Henrietta Scully at ANSI via e-mail at hscully@ansi.org.

## ISO/PC Specification of Requirements on Rating Services Including Rating Processes and Rating Methods

The ISO Technical Management Board (TMB) has established a new project committee to work on the development of an ISO Standard in the field of rating services including rating processes and rating methods

By submitting the proposal to ISO, Germany (DIN) has noted that rating, or the assessment of debtor solvency, has been a topic for decades, particularly in connection with the assessment of debt instruments in capital markets. Since the introduction of the new international regulations on banks' capital requirements (Basle II) and the plans for new regulations governing insurance companies (Solvency II), rating has become an obligatory part of the process of obtaining credit. The growing importance of ratings also means it is also becoming increasingly important to define and specify the quality of rating processes and the quality of the rating itself together with the associated rating scales and symbols.

The proposed standardization should only concern itself with credit rating, and not with sustainability or other forms of ranking or different assessment procedures. Rating, in the sense of this standard, is the assessment of debtor solvency.

As a result of the proposed standardization work, one single document is expected.

DIN (Germany) has been allocated the secretariat and will appoint a Chair for this committee. The committee will have the following scope:

> To develop a standard which specifies terms, definitions and service requirements on professional rating services, applied from rating agencies, banks, financial institutions and other rating service organizations.

ANSI procedures require the establishment and accreditation of a Technical Advisory Group (TAG) in order for the United States to participate in the development of an ISO standard.

Anyone wishing to serve as Administrator for a US TAG for the ISO/PC on Specification of requirements on rating services including rating processes and rating methods or become a member of the US TAG, should one be established, please contact Henrietta Scully at ANSI via e-mail at hscully@ansi.org.

## New ISO Guide

## Draft ISO Guide 78: Safety of Machinery – Rules for Drafting and Presentation of Safety Standards

## Comment Deadline: January 24, 2007

The following is the scope of Draft ISO Guide 78:

> This Guide presents rules for the drafting and presentation of International Standards dealing with machinery safety, and standards for safety components and their revisions, primarily to achieve consistency and acceptable quality of the various standards to be prepared. It also gives requirements on the criteria for the selection of new work items and for procedures to prepare, produce or revise standards in an efficient and effective way.
>
> This Guide gives requirements that are additional to the ISO/IEC Directives, Part 2, when this is necessary, owing to the special requirements of machinery safety standards and standards for safety components.

A copy of Guide 78 can be obtained for review by contacting Henrietta Scully at ANSI via e-mail at hscully@ansi.org. Comments must be sent by Friday, January 24, 2007

## Withdrawal of Standard

## ISO 21269:2004 – Hexagon Socket Head Cap Screws with Metric Fine Pitch Thread

Regarding withdrawal of this ISO Standard, ANSI has received the following message from ISO:

> DIN, which is responsible for the secretariat of this committee as well as the working group that drafted the standard (ISO/TC 2/SC 10/WG 2), has informed us that the experts have concluded that there is a potential risk for hexagon socket head cap screws of large dimensions (M42 x 3 and above) and that the Standard should be withdrawn immediately. ISO/TC 2/SC 10 has reviewed the situation and confirmed the need to withdraw this Standard. Therefore, it has been decided to withdraw the Standard forthwith and to inform purchasers of the Standard of this situation.

ANSI has withdrawn the sale of this ISO Standard.

# U.S. National Committee of the IEC

## Call for Members

### ISA Seeks IEC SC65E USNC TAG Members

As a result of the recent re-organization of IEC TC65, Industrial-Process Measurement and Control, the IEC National Committees have approved the establishment of IEC Subcommittee 65E, System Engineering and Management. ISA, the Technical Advisory Group (USNC TAG) Administrator, is currently seeking new volunteers to serve on the TAG for this newly established Subcommittee.

The scope of IEC SC65E is to prepare international standards to specify digital representation of device properties and functions, methodologies, and applications supporting automation of engineering processes, including diagnostic and maintenance techniques. ISA, in announcing the formation of this new group, plans to conduct the majority of the TAG work via email, conference calls, and other electronic tools.

"ISA is a user-driven standards organization, and is especially interested in having a USNC TAG with strong user representation that will enable end-users to provide their input and requirements directly to this new IEC Subcommittee and its technical working groups. There's no better way to ensure the standards that are developed will be applicable and adopted by industry," said Eliana Beattie, ISA USNC TAG Administrator.

Anyone wishing to join this TAG or desiring more information, please contact Eliana Beattie at (919) 990-9228 or E-mail: ebeattie@isa.org.

# Meeting Notice

## ASC OP

ASC OP will hold two draft standards meetings in San Jose, CA during Photonics West on Saturday, January 20, 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. The ASC OP business meeting will start at 8:30 a.m. on Sunday January 21 2007. Those who are interested in attending these meetings should contact Gene Kohlenberg at gene.kohlenberg@optstd.org or (585) 217-2491 to get the room location when it has been assigned.

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| 6 | 1/23/2007 | 1/29/2007 | 9-Feb | 4/10/2007 | 3/26/2007 | 3/11/2007 |
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| 8 | 2/6/2007 | 2/12/2007 | 23-Feb | 4/24/2007 | 4/9/2007 | 3/25/2007 |
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| 10 | 2/20/2007 | 2/26/2007 | 9-Mar | 5/8/2007 | 4/23/2007 | 4/8/2007 |
| 11 | 2/27/2007 | 3/5/2007 | 16-Mar | 5/15/2007 | 4/30/2007 | 4/15/2007 |
| 12 | 3/6/2007 | 3/12/2007 | 23-Mar | 5/22/2007 | 5/7/2007 | 4/22/2007 |
| 13 | 3/13/2007 | 3/19/2007 | 30-Mar | 5/29/2007 | 5/14/2007 | 4/29/2007 |
| 14 | 3/20/2007 | 3/26/2007 | 6-Apr | 6/5/2007 | 5/21/2007 | 5/6/2007 |
| 15 | 3/27/2007 | 4/2/2007 | 13-Apr | 6/12/2007 | 5/28/2007 | 5/13/2007 |
| 16 | 4/3/2007 | 4/9/2007 | 20-Apr | 6/19/2007 | 6/4/2007 | 5/20/2007 |
| 17 | 4/10/2007 | 4/16/2007 | 27-Apr | 6/26/2007 | 6/11/2007 | 5/27/2007 |
| 18 | 4/17/2007 | 4/23/2007 | 4-May | 7/3/2007 | 6/18/2007 | 6/3/2007 |
| 19 | 4/24/2007 | 4/30/2007 | 11-May | 7/10/2007 | 6/25/2007 | 6/10/2007 |
| 20 | 5/1/2007 | 5/7/2007 | 18-May | 7/17/2007 | 7/2/2007 | 6/17/2007 |
| 21 | 5/8/2007 | 5/14/2007 | 25-May | 7/24/2007 | 7/9/2007 | 6/24/2007 |
| 22 | 5/15/2007 | 5/21/2007 | 1-Jun | 7/31/2007 | 7/16/2007 | 7/1/2007 |
| 23 | 5/22/2007 | 5/28/2007 | 8-Jun | 8/7/2007 | 7/23/2007 | 7/8/2007 |
| 24 | 5/29/2007 | 6/4/2007 | 15-Jun | 8/14/2007 | 7/30/2007 | 7/15/2007 |
| 25 | 6/5/2007 | 6/11/2007 | 22-Jun | 8/21/2007 | 8/6/2007 | 7/22/2007 |
| 26 | 6/12/2007 | 6/18/2007 | 29-Jun | 8/28/2007 | 8/13/2007 | 7/29/2007 |
| 27 | 6/19/2007 | 6/25/2007 | 6-Jul | 9/4/2007 | 8/20/2007 | 8/5/2007 |
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| 32 | 7/24/2007 | 7/30/2007 | 10-Aug | 10/9/2007 | 9/24/2007 | 9/9/2007 |
| 33 | 7/31/2007 | 8/6/2007 | 17-Aug | 10/16/2007 | 10/1/2007 | 9/16/2007 |
| 34 | 8/7/2007 | 8/13/2007 | 24-Aug | 10/23/2007 | 10/8/2007 | 9/23/2007 |
| 35 | 8/14/2007 | 8/20/2007 | 31-Aug | 10/30/2007 | 10/15/2007 | 9/30/2007 |
| 36 | 8/21/2007 | 8/27/2007 | 7-Sep | 11/6/2007 | 10/22/2007 | 10/7/2007 |
| 37 | 8/28/2007 | 9/3/2007 | 14-Sep | 11/13/2007 | 10/29/2007 | 10/14/2007 |
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| 51 | 12/4/2007 | 12/10/2007 | 21-Dec | 2/19/2008 | 2/4/2008 | 1/20/2008 |
| 52 | 12/11/2007 | 12/17/2007 | 28-Dec | 2/26/2008 | 2/11/2008 | 1/27/2008 |
| 1 | 12/18/2007 | 12/24/2007 | 4-Jan | 3/4/2008 | 2/18/2008 | 2/3/2008 |
| 2 | 12/25/2007 | 12/31/2007 | 11-Jan | 3/11/2008 | 2/25/2008 | 2/10/2008 |

**Direct inquiries to the Procedures and Standards Administration Department,**
**Mary Weldon at: 212-642-4908 E-mail: mweldon@ansi.org**

**UL 1709 – Standard for Rapid Rise Fire Tests of Protection Materials for Structural Steel**

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

**1. Revision of 3.1 of the average temperature tolerance of the fire environment within the furnace from 200°F to 100°F.**

## RATIONALE

Proposal submitted by: Chris Magdalin, Carboline Co.

We have observed that a test conducted at 1800°F can affect the end point significantly.

## PROPOSAL

3.1 The fire environment within the furnace is to develop a total heat flux of 65,000 ±5000 Btu/h·ft$^2$ (204 ±16 kW/m$^2$) and an average temperature of 2000 ±~~200~~100°F (1093 ±~~111~~56°C) within 5 min from the start of the test. The fire environment is to be controlled by reproducing the furnace temperatures recorded during the furnace calibration method specified in Furnace Calibration, Section 4. This temperature is to be maintained throughout the remainder of the fire test as shown in Figure 3.1.