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: June 19, 2006

## ACCA (Air Conditioning Contractors of America)

### *New Standards*

BSR/ACCA 5 QC/QI-200x, HVAC Quality Installation Specification (new standard)

The proposed standard establishes minimum attributes and specification elements on:
(1) Quality Contractors that include: business prerequisites, contract or business practices, adequate sales and technician support and achieving customer satisfaction; and
(2) Quality Installation that include: design & equipment selection aspects, equipment installation aspects, distribution aspects and system documentation/owner education.
These elements identify practices that lead to a quality HVAC installation in residential and commercial buildings.

Single copy price: Free

Obtain an electronic copy from: http://www.acca.org/tech/ansi/qispec.pdf

Send comments (with copy to BSR) to: Dick Shaw, ACCA; dick.shaw@acca.org

## ASABE (American Society of Agricultural and Biological Engineers)

### *Revisions*

BSR/ASAE S584.1-200x, Agricultural Equipment - Speed Identification Symbol (SIS) (revision and redesignation of ANSI/ASAE S584-JAN05)

This standard is primarily directed to identifying agricultural equipment (implements of husbandry) that have been designed in their original equipment configuration for specified ground speeds greater than 40 km/h (25 mile/h) but under 65 km/h (40 mile/h). It applies to self-propelled, semi-integral and towed equipment moving on public roads. The Speed Identification Symbol (SIS) identifies the maximum equipment ground speed based on the ground speed design capability of the specified piece of equipment.

Single copy price: $40.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

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

### *New Standards*

BSR X9.100-180 Part 1-200x, Specifications for Electronic Exchange of Check and Image Data (new standard)

This standard, including the normative annexes, establishes the file sequences, record types and field formats to be used for the electronic exchange of check MICR line data, associated check processing data, check images and optional user information in the form of cash letters.

Single copy price: $90.00

Obtain an electronic copy from: isabel.bailey@x9.org

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

Send comments (with copy to BSR) to: Same

### *Revisions*

BSR X9.100-20 Parts 1, 2 & 3-200x, Print and Test Specifications for Magnetic Ink Printing (MICR) Part 1: Print Specifications, Part 2: Conformance Testing, Part 3: Secondary Reference Documents (revision and redesignation of ANSI X9.27-2000)

Part 1 of this standard specifies the shape, dimensions, magnetic signal level, and tolerances for the E-13B characters which include ten numerals and four special symbols printed in magnetic ink and used for the purpose of character recognition. It describes the various known types of printing defects and other printing considerations, together with the tolerances permitted;
Part 2 provides informative conformance testing requirements for the Part 1 specifications;
Part 3 specifies the requirements for secondary reference documents and the test equipment for calibrating and maintaining their signal level.

Single copy price: $130.00

Obtain an electronic copy from: isabel.bailey@x9.org

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

Send comments (with copy to BSR) to: Same

## ASME (American Society of Mechanical Engineers)

### *Supplements*

BSR/ASME OMb Code-200x, Code for Operation and Maintenance of Nuclear Power Plants (supplement to ANSI/ASME OM Code-2004)

Establishes the requirements for preservice and inservice testing and examination of certain components to assess their operational readiness in light-water reactor nuclear power plants.

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: Joanna Berger, ASME; bergerj@asme.org

## ASNT (American Society for Non-Destructive Testing)

### *New Standards*

BSR/ASNT CP-105-200x, Standard Training Outlines for Qualification of Nondestructive Testing Personnel (new standard)

An essential element in the effectiveness of nondestructive testing (NDT) is the qualification of the personnel who are responsible for and who perform nondestructive testing. Formal training is an important and necessary element in acquiring the skills necessary to effectively perform nondestructive tests. This standard specifies the body of knowledge to be used as part of a training program qualifying and certifying NDT personnel.

Single copy price: $20.00 (Paper copy); Free (Electronic copy)

Obtain an electronic copy from: http://www.asnt.org/publications/standards/cp-105/

Order from: Brian O'Connell, ASNT; boconnell@asnt.org

Send comments (with copy to BSR) to: Same

### *Revisions*

BSR/ASNT CP-189-2006, Standard for Qualification and Certification of Nondestructive Testing Personnel (revision of ANSI/ASNT CP-189-2001)

This standard covers the qualification and certification of personnel whose specific tasks or jobs require appropriate knowledge of the technical principals underlying nondestructive testing (NDT) methods for which they have responsibilities within the scope of their employment. These specific tasks or jobs include, but are not limited to, performing, specifying, reviewing, monitoring, supervising, and evaluating NDT work.

Single copy price: $20.00 (Paper copy); Free (Electronic copy)

Obtain an electronic copy from: http://www.asnt.org/publications/standards/cp-189/

Order from: Brian O'Connell, ASNT; boconnell@asnt.org

Send comments (with copy to BSR) to: Same

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

### *Revisions*

BSR/ASSE A10.6-200x, Safety and Health Program Requirements (revision and redesignation of ANSI A10.6-1990 (R1998))

This standard applies to the demolition of buildings and other structures.

Single copy price: $100.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

Send comments (with copy to BSR) to: Same

## ATIS (Alliance for Telecommunications Industry Solutions)

### *Reaffirmations*

BSR T1.315-2001 (R200x), Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (reaffirmation of ANSI T1.315-2001)

This standard establishes requirements and objectives for voltage ranges and associated characteristics (transient and noise) of the input voltage for equipment powered from dc power systems in the telecommunications environment. This standard does not specify dc power plant voltage levels. Also, this standard does not specify the voltage applied to the interface between the network and customer installations (network interface).

Single copy price: $96.00

Obtain an electronic copy from: aopicka@atis.org

Order from: Aivelis Opicka, ATIS; aopicka@atis.org

Send comments (with copy to BSR) to: Same

## AWS (American Welding Society)

### *New Standards*

BSR/AWS G1.6-200x, Specification for the Qualification of Plastics Welding Inspectors for Hot Gas Extrusion, and Heated Tool Blutt Thermoplastic Welds (new standard)

This standard defines the qualification requirements of Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic welding inspectors include experience and satisfactory completion of an examination that includes demonstrated capabilities. The examination tests the inspector's knowledge of plastics welding processes, plastics welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols, reports safety, quality assurance and responsibilities.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org; adavis@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

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

### *New Standards*

BSR E1.17-200x, Entertainment Technology - Multipurpose Network Control Protocol Suite (new standard)

This draft standard is commonly called "ACN." The draft standard is a suite of protocols offering needed services in network management, device management, device description, and device control with reliable multi-cast transport on data networks that use the common Internet Protocols. It is primarily intended for lighting control, but it could be used to control other devices.

Single copy price: Free

Obtain an electronic copy from: http://www.esta.org/tsp/documents/public_review_docs.php

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

Send comments (with copy to BSR) to: Same

## HI (Hydraulic Institute)

### *New Standards*

BSR/HI 9.6.6-200x, Rotodynamic Pumps for Pump Piping (new standard)

This standard applies to rotodynamic (centrifugal) pump types, in all worldwide markets. It provides required and recommended practices for pump piping, which, if followed, should reduce the risk of incorrect operation of the pump and the system. Excluded is any piping integral to the pump unit, such as auxiliary or lubricant piping. This technical specification is intended to complement the guidelines for suction piping covered in ANSI/HI 9.8-1998 and to be consistent with Committee European of Normalization (CEN) and the International Organization for Standardization (ISO) guidelines.

Single copy price: Free

Obtain an electronic copy from: gromanyshyn@pumps.org

Order from: Gregory Romanyshyn, HI; gromanyshyn@pumps.org

Send comments (with copy to BSR) to: Same

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

### *New Standards*

BSR N42.38-200x, Performance Criteria for Spectroscopy-Based Portal Monitors used for Homeland Security (new standard)

This standard specifies the operational and performance requirements for spectroscopy-based portal monitors used in Homeland Security applications. Spectroscopy-based portal monitors have the ability to detect radioactivity and identify radionuclides that may be present in or on persons, vehicles, or containers through the use of gamma spectroscopy techniques.

Single copy price: Free

Obtain an electronic copy from: w.ash@ieee.org

Order from: William Ash, IEEE; w.ash@ieee.org

Send comments (with copy to BSR) to: Same

BSR N42.42-200x, Data Format Standard for Radiation Detectors Used for Homeland Security (new standard)

This standard specifies the data format that shall be used for both required and optional data available at the output of radiation instruments for homeland security applications. The performance requirements for these types of instruments are described in other standards; such as, ANSI/IEEE N42.32, ANSI/IEEE N42.33, ANSI/IEEE N42.34, ANSI/IEEE N42.35, and ANSI/IEEE N42.38.

Single copy price: Free

Obtain an electronic copy from: w.ash@ieee.org

Order from: William Ash, IEEE; w.ash@ieee.org

Send comments (with copy to BSR) to: Same

## ISA (ISA)

### *New Standards*

BSR/ISA 99.00.02-200x, Security for Industrial Automation and Control Systems - Part 2: Establishing an Industrial Automation and Control Systems Security Program (new standard)

The second of a multipart series, this standard provides guidance on how to set up and maintain a cyber security management system for industrial automation and control systems. The term "security" is considered here to mean the prevention of illegal or unwanted penetration of or intentional or unintentional interference with the proper and intended operation of industrial automation and control systems. Electronic security, the particular focus of the ISA-99 series, includes computers, networks, or other programmable components of the system.

Single copy price: $99.00

Obtain an electronic copy from: crobinson@isa.org

Send comments (with copy to BSR) to: Charles Robinson, ISA: crobinson@isa.org

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

### *Reaffirmations*

INCITS/ISO/IEC 9541-1-1991/AM1-2000 (R200x), Information technology - Font information interchange - Part 1: Architecture - Amendment 1: Typeface Design Grouping (reaffirmation of INCITS/ISO/IEC 9541-1-1991/AM1-2000)

ISO/IEC 9541 defines a method of naming glyphs and glyph collections, independent of any document encoding technique; it assumes that one or more methods of associating document encoding techniques with glyph identifiers used in font resources will be provided by text processing systems. This part of ISO/IEC 9541 specifies the architecture of a font resource, i.e., the font description, font metrics, glyph description and glyph metrics properties required for font references and the interchange of font resources.

Single copy price: $18.00

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

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

Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

INCITS/ISO/IEC 9541-1-1991/AM3-2000 (R200x), Information technology - Font information interchange - Part 1: Architecture - Amendment 3: Multilingual extensions to font resource architecture (reaffirmation of ANSI/ISO/IEC 9541-1:1991/AM3-2000)

ISO/IEC 9541 defines a method of naming glyphs and glyph collections, independent of any document encoding technique; it assumes that one or more methods of associating document encoding techniques with glyph identifiers used in font resources will be provided by text processing systems. This part of ISO/IEC 9541 specifies the architecture of a font resource, i.e., the font description, font metrics, glyph description and glyph metrics properties required for font references and the interchange of font resources.

Single copy price: $18.00

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

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

Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

INCITS/ISO/IEC 9541-2-1991/AM1-2000 (R200x), Information technology - Font information interchange - Part 2: Interchange Format - Amendment 1: Support for font technology advances (reaffirmation of ANSI/ISO/IEC 9541-2:1991/AM1-2000)

ISO/IEC 9541, as a whole, specifies the architecture of font resources, as well as the formats for font interchange amongst information processing systems. This part of ISO/IEC 9541 specifies the interchange formats for font information, and the minimum subsets of that information required for interchange, and requires definitions in ISO/IEC 9541-1.

Single copy price: $18.00

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

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

Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

## NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

### *Revisions*

BSR/NB 23-200x, National Board Inspection Code (revision of ANSI/NB 23-2005)

NB-23 provides rules and guidelines for the in-service, inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure relief valves.

Single copy price: N/A

Obtain an electronic copy from: rheilman@nationalboard.org

Order from: Robin Heilman, NBBPVI; rheilman@nationalboard.org

Send comments (with copy to BSR) to: Same

## NISO (National Information Standards Organization)

### *New Standards*

BSR/NISO Z39.87-200x, Data Dictionary -Technical Metadata for Digital Still Images (new standard)

This standard defines a set of metadata elements for raster digital images to enable users to develop, exchange, and interpret digital image files. The dictionary has been designed to facilitate interoperability between systems, services, and software as well as to support the longterm management of and continuing access to digital image collections.

Single copy price: Free (from website)

Obtain an electronic copy from: www.niso.org

Order from: nisohq@niso.org

Send comments (with copy to BSR) to: Same

## NSF (NSF International)

### *Revisions*

BSR/NSF 6-200x (i4), Dispensing Freezers (revision of ANSI/NSF 6-2002)

Issue 4 - To update normative references, incorporate revised “boilerplate" language from ANSI/NSF 2, and correct an error in 6.1 - Cleaning and sanitization procedures.

Single copy price: $35.00

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

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

# Comment Deadline: July 4, 2006

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

## AATCC (American Association of Textile Chemists and Colorists)

### *Reaffirmations*

BSR/IEEE 43-2000 (R200x), Recommended Practice for Testing Insulation Resistance of Rotating Machinery (reaffirmation of ANSI/IEEE 43-2000)

Describes the recommended procedure for measuring insulation resistance of armature and field windings in rotating machines rated 1hp, 750 W or greater. It applies to synchronous machines, induction machines, dc machines, and synchronous condensers.

Single copy price: $80.00 (Non-member); $63.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

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

### *Reaffirmations*

BSR/IEEE 309/N42.3-1998 (R200x), Standard Test Procedures and Bases for Geiger-Mueller Count (reaffirmation of ANSI/IEEE 309/N42.3-1998)

Test procedures for the Geiger-Mueller counters that are used for the detection of ionizing radiation are presented so that they have the same meaning to both manufacturers and users. Also included is information on bases (i.e., connections) for the counters.

Single copy price: $81.00 (Non-member); $65.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

BSR/IEEE 270-200x, Standard Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System of Units (SI) (new standard)

Provides definitions for physical quantities and units commonly used in applied science and technology, and for related terms that concern systems of measurement. Particular emphasis is placed on the International System of Units (SI).

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 647-200x, Standard Specification Format Guide and Test Procedure for Single-Axis Laser Gyros (new standard)

Defines the specification and test requirements for a single-axis laser gyro for use as a sensor in attitude control systems, angular displacement measuring systems, or angular rate measuring systems, including the electronics necessary to operate the gyro and to condition the output signals.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1010-200x, Guide for Control of Hydroelectric Power Plants (new standard)

Serves as a reference document for practicing engineers in the hydroelectric industry. It documents prevailing industry practices in hydroelectric power plant control system logic, control system configurations, and control modes. It describes the control and monitoring requirements for equipment and systems associated with conventional and pumped-storage hydroelectric plants. It includes typical methods of local and remote control, details of the control interfaces for plant equipment, requirements for centralized and off-site control.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1074-200x, Standard for Developing a Software Project Life Cycle Process (new standard)

Provides a process for creating a software project life cycle process. It is primarily directed at the process Architect for a given software project.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1184-200x, Guide for Batteries for Uninterruptible Power Supply Systems (new standard)

Discusses various battery systems so that the user can make informed decisions on selection, installation design, installation, maintenance, and testing of stationary standby batteries used in Uninterruptible Power Supply (UPS) systems.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1276-200x, Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Power Transformers (new standard)

Technical information is provided related to liquid-immersed power tranformers insulated with high-temperature materials. Guidelines for applying existing qualified high-temperature materials to certain insulation systems, recommendations for loading high-temperature liquid-immersed power transformers, and technical information on insulation-system temperature ratings and test procedures for qualifying new high-temperature materials are included.

Single copy price: $90.00 (Non-member); $72.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1527-200x, Recommended Practice for the Design of Flexible Buswork Located in Seismically Active Areas (new standard)

Provides guidance to the substation designer on flexible buswork seismic design and provides information accounting for the current state of knowledge concerning the dynamic effects of conductors and high current connections.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1647-200x, Standard for the Functional Verification Language 'e' (new standard)

Defines the 'e' functional verification language. The 'e' functional verification language is an application-specific language, aimed at automating the task of verifying electronic designs with respect to their specifications. Aims to serve as an authoritative source for the definition of:
(a) syntax and semantics of 'e' language constructs;
(b) the 'e' language interaction with standard simulation languages; and
(c) 'e' language libraries.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1680-200x, Standard for Environmental Assessment of Personal Computer Products (including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Monitors) (new standard)

Defines environmental performance standards for personal computer products, including desktop computers, notebook computers, and computer monitors, that are marketed to institutions, and includes key concepts and implementation procedures related to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, life cycle extension, energy conservation, end of life management, corporate performance and packaging.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1725-200x, Standard for Rechargeable Batteries for Cellular Telephones (new standard)

Establishes criteria for design analysis for quality, and establishes criteria for reliability of rechargeable Li-Ion and Li-Ion polymer batteries for mobile telephone applications.

Single copy price: $90.00 (Non-member); $70.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 14764-200x, Standard for Software Engineering - Software Life Cycle Processes - Maintenance (new standard)

Prescribes requirements for process, control, and management of the planning, execution, and documentation of software activities.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

### *Revisions*

BSR/IEEE 1015-200x, Recommended Practice for Applying Low-Voltage Circuit Breakers Used in Industrial and Commercial Power Systems (revision of ANSI/IEEE 1015-1997)

Information is provided for selecting the proper circuit breaker for a particular application. It helps the application engineer specify the type of circuit breaker, ratings, trip functions, accessories, acceptance tests, and maintenance requirements.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE C57.12.37-200x, Standard for the Electronic Reporting of Distribution Transformer Test Data (revision and redesignation of ANSI/IEEE 1388-2001)

Provides a basis for the electronic reporting of transformer test data on liquid-immersed distribution transformers.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

### *Supplements*

BSR/IEEE 1205-2000/Cor1-2006, Guide for Assessing, Monitoring, and Mitigating Aging Effects on Class 1E Equipment Used in Nuclear Power Generating Stations - Corrigendum 1: Thermal Aging Model Corrections (supplement to ANSI/IEEE 1205-2000)

Corrects typographical errors related to the performance of thermal aging analysis.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 1613-2003/Cor1-2006, Standard Environmental and Testing Requirements for Communications Networking Devices in Electric Power Substations - Corrigendum 1 (supplement to ANSI/IEEE 1613-2003)

Deletes a paragraph in order to bring the document into conformance with IEEE C37.90.

Single copy price: N/A

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

### *Reaffirmations*

BSR/IEEE 286-2000 (R200x), Recommended Practice for Measurement of Power Factor Tip-Up of Electric Machinery Stator Coil Insulation (reaffirmation of ANSI/IEEE 286-2000)

Covers the power factor tip-up testing of stator coils and bars for use in large electric machinery.

Single copy price: $81.00 (Non-member); $65.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 300-1988 (R200x), Standard Test Procedures for Semiconductor Charged-Particle Detectors (reaffirmation of ANSI/IEEE 300-1988 (R1999))

This standard applies to semiconductor radiation detectors that are used for the detection of high-resolution spectroscopy of charged particles.

Single copy price: $120.00 (Non-member); $96.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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

BSR/IEEE 301-1988 (R200x), Standard Test Procedures for Amplifiers and Preamplifiers used with Detectors of Ionizing Radiation (reaffirmation of ANSI/IEEE 301-1988 (R1999))

This standard covers amplifier and preamplifier systems with linear pulse-shaping networks for use with semiconductor, scintillation, and proportional detectors in the spectroscopy of ionizing radiation.

Single copy price: $122.00 (Non-member); $98.00 (IEEE Member)

Order from: IEEE Customer Service: phone: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/

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BSR/IEEE 398-1972 (R200x), Standard Test Procedures for Photomultipliers for Scintillation Counting and Glossary for Scintillation Counting Field (reaffirmation of ANSI/IEEE 398-1972 (R1999))

The standard outlines procedures for testing carried out on photomultipliers for scintillation and Cerenkov counting.

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BSR/IEEE 583-1982 (R200x), Standard Modular Instrumentation and Digital Interface System (CAMAC) (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 583-1982 (R1999))

This standard serves as a basis for a range of modular instrumentation capable of interfacing transducers and other devices to digital controllers for data and control. It consists of mechanical standards and signal standards that are sufficient to ensure physical and operational compatibility between units regardless of source.

Single copy price: $83.00 (Non-member); $66.00 (IEEE Member)

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

BSR/IEEE 595-1982 (R200x), Standard Serial Highway Interface System (CAMAC) (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 595-1982 (R1999))

This standard defines a Serial Highway (SH) system using byte-organized messages, and configured as a unidirectional loop to which are connected a system controller and up to sixty-two CAMAC crate assemblies or other controlled devices.

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BSR/IEEE 596-1982 (R200x), Standard Parallel Highway Interface System (CAMAC) (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 596-1982 (R1999))

This standard defines the CAMAC Parallel Highway Interface System for interconnecting up to seven CAMAC crates (or other devices) and a system controller.

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

BSR/IEEE 638-1992 (R200x), Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 638-1992 (R1999))

Procedures for demonstrating the adequacy of new Class 1E transformers, located in a mild environment of a nuclear power generating station, to perform their required safety functions under postulated service conditions are presented. Single and three phase transformers rated 601 V to 15 000 V for the highest voltage winding and up to 2500 kVA (self-cooled rating) are covered.

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BSR/IEEE 675-1982 (R200x), Standard Multiple Controllers in a CAMAC Crate (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 675-1982 (R1999))

Defines a method for incorporating more than one source of control into a CAMAC crate.

Single copy price: $54.00 (Non-member); $43.00 (IEEE Member)

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

BSR/IEEE 683-1976 (R200x), Recommended Practice for Block Transfers in CAMAC Systems (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 683-1976 (R1999))

Presents recommended algorithms to encourage uniformity in design of CAMAC modules and controllers with resulting increased compatibility.

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BSR/IEEE 726-1982 (R200x), Standard Real-Time BASIC for CAMAC (Computer Automated Measurement and Control) (reaffirmation of ANSI/IEEE 726-1982 (R1999))

To provide a standard for reference to achieve maximum compatibility between different implementations of ANSI BASIC for use with CAMAC.

Single copy price: $72.00 (Non-member); $58.00 (IEEE Member)

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

BSR/IEEE 758-1979 (R200x), Standard Subroutines for Computer Automated Measurement and Control (CAMAC) (reaffirmation of ANSI/IEEE 758-1979 (R1999))

Describes a set of standard subroutines to provide access to CAMAC facilities in a variety of computer-programming languages. It is specifically intended that the subroutines be suitable for use with FORTRAN, although they are not restricted to that language.

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BSR/IEEE 844-2000 (R200x), Recommended Practice for Electrical Impedance, Induction, and Skin Effect Heating of Pipelines and Vessels (reaffirmation of ANSI/IEEE 844-2000)

Provides recommended practices for the design, installation, testing, operation, and maintenance of the following types of electrical heating systems on pipes and vessels for use in general industry: impedance heating systems, induction heating systems, induction susceptor heating furnaces within a vessel, and skin-effect heating systems.

Single copy price: $89.00 (Non-member); $71.00 (IEEE Member)

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

BSR/IEEE 960-1993 (R200x), Standard FASTBUS Modular High-Speed Data Acquisition and Control System and FASTBUS Standard Routines (reaffirmation of ANSI/IEEE 960-1993 (R1999))

Defines a modular data-bus system for data acquisition and control. Mechanical, signal, electrical, and protocol specifications are given that are sufficient to assure compatibility between units from different sources of design and production. The standard applies to systems consisting of modular electronic instrument units that process of transfer data or signals, normally in association with computers or other automatic data processors.

Single copy price: $166.00 (Non-member); $133.00 (IEEE Member)

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

BSR/IEEE 1160-1993 (R200x), Standard Test Procedures for High-Purity Germanium Crystals for Radiation Detectors (reaffirmation of ANSI/IEEE 1160-1993 (R1999))

Applies to the measurement of bulk properties of high-purity germanium as they relate to the fabrication and performance of germanium detectors for gamma rays and x-rays.

Single copy price: $105.00 (Non-member); $84.00 (IEEE Member)

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

BSR/IEEE 1214-1992 (R200x), Standard Multichannel Analyzer (MCA) Histogram Data Interchange Format for Nuclear Spectroscopy (reaffirmation of ANSI/IEEE 1214-1992 (R1999))

This standard applies to multichannel pulse height data used in nuclear spectroscopy. It is independent of the source of the data, the device that wrote the data, the device that reads the data, and the medium containing the data.

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BSR/IEEE 1284-2000 (R200x), Standard Signaling Method for a Bidirectional Parallel Peripheral Interface for Personal Computers (reaffirmation of ANSI/IEEE 1284-2000)

A signaling method for asynchronous, fully interlocked, bidirectional parallel communications between hosts and printers or other peripherals is defined.

Single copy price: $108.00 (Non-member); $86.00 (IEEE Member)

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BSR/IEEE 1379-2000 (R200x), Recommended Practice for Data Communications Between Remote Terminal Units and Intelligent Electronic Devices in a Substation (reaffirmation of ANSI/IEEE 1379-2000)

A uniform set of guidelines for communications and interoperations of remote terminal units (RTUs) and intelligent electronic devices (IEDs) in an electric utility substation is provided. A mechanism for adding data elements and message structures to this recommended parctice is described.

Single copy price: $92.00 (Non-member); $74.00 (IEEE Member)

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BSR/IEEE C37.10.1-2000 (R200x), Guide for the Selection of Monitoring for Circuit Breakers (reaffirmation of ANSI/IEEE C37.10.1-2000)

Direction is provided for the selection of monitoring and for diagnostic parameters to be used with high-voltage circuit breakers (i.e., above 100 V). Guidance on appropriate parameters to be considered for monitoring applied to various circuit breaker technologies is also provided.

Single copy price: $95.00 (Non-member); $76.00 (IEEE Member)

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

BSR/IEEE C57.12.70-2000 (R200x), Standard Terminal Markings and Connections for Distribution and Power Transformers (reaffirmation of ANSI/IEEE C57.12.70-2000)

Standard terminal markings and connections are described for single-phase and three-phase distribution, power, and regulating transformers.

Single copy price: $80.00 (Non-member); $64.00 (IEEE Member)

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BSR/IEEE C57.134-2000 (R200x), Guide for Determination of Hottest-Spot Temperature in Dry-Type Transformers (reaffirmation of ANSI/IEEE C57.134-2000)

Methodologies for determination of the steady-state winding hottest-spot temperature in dry-type distribution and power transformers with ventilated, sealed, solid cast, and encapsulated windings built in accordance with IEEE Std C57.12.01 and IEC 60276 are described in this guide.

Single copy price: $81.00 (Non-member); $65.00 (IEEE Member)

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

BSR/IEEE C62.36-2000 (R200x), Standard Test Methods for Surge Protectors Used in Low-Voltage Data, Communications, and Signaling Circuits (reaffirmation of ANSI/IEEE C62.36-2000)

Methods for testing and measuring the characteristics of surge protectors used in low-voltage data, communications, and signaling circuits with voltages less than or equal to 1000 V rms or 1200 V dc are established.

Single copy price: $87.00 (Non-member); $70.00 (IEEE Member)

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

## NEMA (ASC C57) (National Electrical Manufacturers Association)

### *New Standards*

BSR/IEEE C57.12.40-200x, Standard Requirements for Secondary Network Transformers, Subway and Vault Types (Liquid-Immersed) (new standard)

Covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of three-phase, 60 Hz, liquid-immersed, secondary network transformers with a three position grounding switch, subway and vault types, rated 2500 kVA and smaller; primary 34 400 volts and below; secondary 216Y/125 volts and 480Y/277 volts.

Single copy price: N/A

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

# Projects Withdrawn from Consideration

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

## HL7 (Health Level Seven)

BSR/HL7 V3 CP, R1-200x, HL7 Version 3 Standard: Constraints Project, Release 1 (new standard)

## IEEE (Institute of Electrical and Electronics Engineers)

BSR/IEEE 802.15.3a-200x, Amendment to LAN/MAN Specific Requirements - Part 15.3: Wireless MAC and PHY Specifications: Higher Speed Physical Layer Extension for the High Rate Wireless Personal Area Networks (WPAN) (addenda to ANSI/IEEE 2003-2003)

BSR/IEEE 1095-1989 (R1994), Guide for Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications (revision of ANSI/IEEE 1095-1989 (R1994))

BSR/IEEE 1232a-200x, Amendment to IEEE Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE) (supplement to ANSI/IEEE 1232-2002)

BSR/IEEE 1489-1999, Standard for Data Dictionaries for Intelligent Transportation Systems (revision of ANSI/IEEE 1489-1999)

BSR/IEEE 1583-200x, Standard for the Evaluation of Voting Equipment (new standard)

BSR/IEEE 1634-200x, Standard for Common Data Dictionary for Use in Intelligent Transportation Systems (new standard)

BSR/IEEE 2001a-200x, Recommended Practice for the Internet - Web Site Engineering, Web Site Management and Web Site Life Cycle - Amendment 1: Requirements for International Adoption (supplement to ANSI/IEEE 2001-2002)

BSR/IEEE C37.94a-200x, Standard for N Times 64 Kilobit per Second Optical Fiber Interfaces Between Teleprotection and Multiplexer Equipment - Amendment 1: Addition of Alternate Interface Using Single-mode Fiber (supplement to ANSI/IEEE C37.94-2002)

# Corrections

**Incorrect Designation**

In the Call-for-Comment section of the April 28, 2006 issue of Standards Action, one of the revisions of an ATIS standard was incorrectly designated as BSR T1.119-200X. The correct designation is BSR ATIS 0900119-200X. It is a revision and redeignation of ANSI T1.119-1994 (R2001).

**Incorrect Project Intent**

In the March 10, 2006 edition of Standards Action, BSR B15.1-200x, American National Standard for Machine Tools - Safety Requirements for Mechanical Power Transmission Apparatus was mistakenly listed as a revision and redesignation of ANSI/ASME B15.1-2000. It is in fact a reaffirmation and redesignation. For questions, please contact David Felinski, AMT (ASC B11); dfelinski@amtonline.org.

# Call for Comment Contact Information

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

## Order from:

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Web: www.asabe.org

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**ASNT**
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1711 Arlingate Lane
P.O. Box 28518
Columbus, OH 432280518
Phone: (800) 800-222-2768 ext 219
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Web: www.asnt.org

**ASSE**
American Society of Safety Engineers
1800 East Oakton Street
c/o CoPS
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221

**ATIS**
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8839
Fax: (202) 347-7125
Web: www.atis.org

**AWS**
American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
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Web: www.aws.org

**ESTA (ASC E1)**
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**Global Engineering Documents**
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**HI**
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Web: www.pumps.org

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Web: www.ieee.org

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Fax: (847) 296-9221

**ATIS**
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Washington, DC 20005
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Fax: (202) 347-7125
Web: www.atis.org

**AWS**
American Welding Society
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Miami, FL 33126
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(800) 443 9353 Ext. 466
Fax: (305) 443-5951
Web: www.aws.org

**ESTA (ASC E1)**
Entertainment Services and Technology Association
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Web: www.ieee.org

**ISA**
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
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Fax: (919) 549-8288

**ITI (INCITS)**
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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.

### ADA (American Dental Association)

***New Standards***

ANSI/ADA 1039-2006, Standard Clinical Conceptual Data Model (new standard): 4/25/2006

### AGMA (American Gear Manufacturers Association)

***Revisions***

ANSI/AGMA 6013-A-2006, Industrial Enclosed Gear Drives (revision, redesignation and consolidation of ANSI/AGMA 6010-F97 (R2003) and ANSI/AGMA 6009-A00): 4/25/2006

ANSI/AGMA 6113-2006, Industrial Enclosed Gear Drives (Metric Edition) (revision, redesignation and consolidation of ANSI/AGMA 6110-F97 (R2003) and ANSI/AGMA 6109-A-00): 4/25/2006

### HL7 (Health Level Seven)

***New Standards***

ANSI/HL7 V3 MFRI, R1-2006, HL7 Version 3 Standard: Master File/Registry Infrastructure, Release 1 (new standard): 4/25/2006

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

***New Standards***

ANSI/IEEE 1489-1999, Standard for Data Dictionaries for Intelligent Transportation Systems (new standard): 1/13/2000

ANSI/IEEE 1650-2005, Standard Test Methods for Measurement of Electrical Properties of Carbon Nanotubes (new standard): 4/21/2006

ANSI/IEEE C57.12.01-2005, Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid-Cast and/or Resin Encapsulated Windings (new standard): 4/21/2006

***Reaffirmations***

ANSI/IEEE C57.19.01-2000 (R2005), Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings (reaffirmation of ANSI/IEEE C57.19.01-2000): 4/21/2006

***Revisions***

ANSI/IEEE C57.12.44-2005, Standard Requirements for Secondary Network Protectors (revision of ANSI/IEEE C57.12.44-2000): 4/24/2006

### ISA (ISA)

***New Standards***

ANSI/ISA 88.00.04-2006, Batch Control - Part 4: Batch Production Records (new standard): 4/25/2006

***Reaffirmations***

ANSI/ISA 77.42.01-1999 (R200x), Fossil Fuel Power Plant Feedwater Control System - Drum Type (reaffirmation of ANSI/ISA 77.42.01-1999): 4/25/2006

### NEMA (ASC C8) (National Electrical Manufacturers Association)

***Revisions***

ANSI/ICEA S-91-674-2006, Coaxial and Coaxial/Twisted Pair Composite Buried Service Wires (revision of ANSI/ICEA S-91-674-1997): 4/25/2006

### PMMI (Packaging Machinery Manufacturers Institute)

***Revisions***

ANSI/PMMI B155.1-2006, Safety Requirements for Packaging Machinery and Packaging-Related Converting Machinery (revision of ANSI/PMMI B155.1-2000): 4/25/2006

## Correction

**Incorrect Designation**

In the Final Actions section of the April 21, 2006 issue of Standards Action, ANSI/BHMA A156.20-2006 was listed as a revision of ANSI/BHMA A156.20-1989 (R1996). Further research showed that the wrong source standard was used in this listing. ANSI/BHMA A156.20-2006 is actually a revision of ANSI/BHMA A156.20-2001.

# 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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BSR/ACCA 8 Man J 2-200x Section 28 Supplement, Moisture Migration Load for Summer Cooling (supplement to ANSI/ACCA Man J 2-2004)

Stakeholders: Designers and users of Manual J.

Project Need: Moisture migration can have a significant affect on the latent cooling load to residential structures not properly protected by vapor retarding (barrier) membrane.

Manual J-8, Version 2.00 includes section (28), "Moisture Migration Load" calculations and tables, which considers the summer cooling latent load of residential structure ceilings, walls and exposed floors not protected by vapor-retarding membrane.

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BSR/AISI/COS/NASPEC-200x, North American Specification for the Design of Cold-Formed Steel Structural Members, 2007 Edition (revision of ANSI/COS/NASPEC-2001)

Stakeholders: Cold-formed steel manufacturers.

Project Need: A new edition is needed due to that many changes and updates have been generated since the publication of the 2001 edition of the North American Specification.

The North American Specification for the Design of Cold-Formed Steel Structural Members is a standard for determining member and connection strengths of cold-formed carbon and low alloy steels. It also provides methodology for determining resistance factors of cold-formed carbon and low alloy steel members and connections via tests. This edition provides changes and updates to the 2001 edition of the North American Specification and its 2004 Supplement.

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BSR X9.100-180 Part 2-200x, TIFF Image Format Standards for Financial Image Exchange (new standard)

Stakeholders: Financial services industry.

Project Need: To promote efficient interoperable check image exchange among institutions, additional requirements and definitions are needed to specify TIFF tags that shall be used or may be used and the allowable values for those tags.

In order to promote efficient interoperable check image exchange among institutions, additional requirements and definitions are needed to specify TIFF tags that shall be used or may be used, and the allowable values for those tags. In addition, values that can be generated with different techniques or conventions need to be clearly and unambiguously specified. A "least common denominator" approach should be used to identify the Tags that everyone should be able to read and the required or allowable values for these tags that everyone is expected to support.

**ASQ (ASC Z1) (American Society for Quality)**

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BSR/ISO/ASQ Q14064.1-200x, Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (identical national adoption)

Stakeholders: Organizations, governments, project proponents.

Project Need: To create a new standard.

Details principles and requirements for designing, developing, managing and reporting organization- or company-level greenhouse gas (GHG) inventories. It includes requirements for determining GHG emission boundaries, quantifying an organization's GHG emissions and removals, and identifying specific company actions or activities aimed at improving GHG management. It also includes requirements and guidance on inventory quality management, reporting, internal auditing and the organization's responsibilities for verification activities.

BSR/ISO/ASQ Q14064.2-200x, Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (identical national adoption)

Stakeholders: Organizations, governments, project proponents.

Project Need: To create a new standard.

Specifies principles and requirements and provides guidance at the project level for quantification, monitoring and reporting of activities intended to cause greenhouse gas (GHG) emission reductions or removal enhancements. It includes requirements for planning a GHG project, identifying and selecting GHG sources, sinks and reservoirs relevant to the project and baseline scenario, monitoring, quantifying, documenting and reporting GHG project performance and managing data quality.

BSR/ISO/ASQ Q14064.3-200x, Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (identical national adoption)

Stakeholders: Organizations, governments, project proponents.

Project Need: To create a new standard.

Details principles and requirements for verifying greenhouse gas (GHG) inventories and validating or verifying GHG projects. It describes the process for GHG-related validation or verification and specifies components such as validation or verification planning, assessment procedures and the evaluation of organization or project GHG assertions. This part of ISO 14064 can be used by organizations or independent parties to validate or verify GHG assertions.

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BSR/ASTM Z3043Z-200x, Standard Practice for Measurement of Gases Present or Generated during Fires Using Fourier Transform Intrared (FTIR) Spectroscopy (new standard)

Stakeholders: Fire Standard Industry.

Project Need: The methodology is specified by the U.S. Navy in conjunction with various ASTM smoke density chamber methods.

This practice describes the methodology for sampling and analyzing gases present or generated during fires using Fourier transform infrared (FTIR) spectroscopy. The practice is suiteable for the collection and analysis of gaseous species that can be detected using FTIR spectroscopy.

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BSR ATIS 0600311-200x, DC Power Systems - Telecommunications Environment Protection (revision and redesignation of ANSI T1.311-1998)

Stakeholders: Network providers with DC power systems; Installers.

Project Need: To address the installation of dc power systems within controlled or limited access areas that convert commercial ac to dc voltages of 160 volts or less and those that convert from one dc level to another of 160 volts or less.

This standard addresses the installation of dc power systems within controlled or limited access areas that convert commercial ac to dc voltages of 160 volts or less and those that convert from one dc level to another of 160 volts or less. This standard identifies reasonable means of minimizing hazards associated with the interconnection of dc power systems. Compliance with the standard will not assure the absence of hazards or harm resulting from the installation, interconnection, or operation of dc power systems.

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BSR/CSA LC 4-200x, Press-Connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distibution Systems (same as CSA 6.32) (new standard)

Stakeholders: Manufacturers, Installers, Gas Suppliers and Certifying Agencies.

Project Need: To create a standard for safety for press-connect copper and copper alloy fittings for use in fuel gas distribuition systems.

This standard applies to copper and copper alloy press-connect type fittings and valves for use with fuel gas tube systems intended for installation above ground, below ground, indoors and outdoors, for operating pressures not exceeding 125 psig for use with copper tube 1/2” through 4” nominal size.

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BSR/IAF 12-200x, Lifeguard Standard for Public Swimming Pools (new standard)

Stakeholders: State and public health officials, pool operators, builders, and designers.

Project Need: To create a national standard for the training, qualifications, supervision, responsibilities, and safety of lifeguards at public swimming pools.

This standard will provide recommended minimum guidelines for the training, qualifications, supervision, responsibilities, and safety of lifeguards at Public Swimming Pools. Pools covered by this standard include pools used for competitive aquatic sports, pools intended for public or semi-public recreational swimming, pools used for free-form aquatic play, and wading pools.

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BSR/IEEE 1149.7-200x, Standard for Reduced-pin and Enhanced-functionality Test Access Port and Boundary Scan Architecture (new standard)

Stakeholders: Semiconductor manufacturers, debug and test system manufacturers, system designers, and OEMs.

Project Need: To define a debug and test interface that meets an expanding set of challenges facing debug and test systems (many which have emerged since the inception of the original IEEE 1149.1) while preserving the hardware and software investments of the many industries currently using IEEE 1149.1.

The standard will define a link between IEEE Std 1149.1 - 2001, IEEE Standard Test Access Port and Boundary Scan Architecture interfaces in Debug and Test Systems (DTS) and IEEE 1149.1 (JTAG) interfaces in Target Systems (TS). The link defined by this standard introduces an additional layer between these legacy interfaces. This layer may be viewed as an adapter that provides new functionality and features while preserving all elements of the original IEEE 1149.1 (JTAG) interfaces. The standard will define the link behavior (including timing characteristics of signals), protocols, and functionality of the adapters deployed within the DTS and TS. The standard will not modify or create inconsistencies with IEEE 1149.1 (JTAG). The standard will define a superset of the IEEE 1149.1 specification and achieve compliance with the IEEE 1149.1 standard.

BSR/IEEE 1451.4-2004/Cor 1-200x, Standard for a Smart Transducer Interface for Sensors and Actuators - Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats - Corrigendum 1 (supplement to ANSI/IEEE 1451.4-2004)

Stakeholders: Sensor producers, sensor users.

Project Need: To provide interoperability, which enables plug-and-play capability; to simplify the implementation of mixed-mode smart transducer systems; to accelerate the emergence and acceptance of the MMI and TEDS.

This standard defines the protocol and interface that allows analog transducers to communicate digital information with an IEEE 1451 object. It also defines the format of the transducer TEDS (Transducer Electronic Data Sheet). The transducer TEDS is based on the IEEE 1451.2 ™ TEDS. The standard does not specify the transducer design, signal conditioning, or the specific use of the TEDS.

BSR/IEEE 1620.2-200x, Standard Methods for the Characterization of Printed and Organic Diode Bridge Structures for RF Devices (new standard)

Stakeholders: Designers and producers of printed- and organic-based RF products.

Project Need: To provide a standard for the characterization of printed and organic diode bridge structures for RF devices and the means of reporting performance and other data.

This standard describes standard methods for the characterization of printed and organic diode bridges for RF devices. The methods are independent of processing routes used to fabricate the electronic devices.

BSR/IEEE 1693-200x, Modular Interconnect Packaging for Scalable Systems (new standard)

Stakeholders: Suppliers, integrators and users of modular interconnect packaging for scalable systems (MIPSS).

Project Need: To eliminate cabling, improve performance, enhance repeatability between systems, and ease calibration of the test system.

This standard defines the electrical and mechanical specifications of a modular interconnect packaging system design for Automatic Test System (ATS).

BSR/IEEE 12207-200x, Software Engineering - Software Life Cycle Processes (new standard)

Stakeholders: Organizations that perform system and software development.

Project Need: To permit IEEE to adopt the revised standard when it is completed so that the world's two largest collections of software and systems engineering standards (IEEE and JTC 1/SC 7) will share a common basis of software and systems lifecycle processes.

IEEE previously adopted ISO/IEC 12207 as IEEE 12207.0. ISO/IEC JTC 1/SC 7 is now revising the document that was adopted. This project will permit IEEE to provide comments to the revision and adopt the result. The scope of the document is substantively unchanged from the previous version: This International Standard establishes a common framework for software lifecycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, and maintenance of software products. Software includes the software portion of firmware.

BSR/IEEE 15288-200x, Systems Engineering - System Life Cycle Processes (revision of ANSI/IEEE 15288-2004)

Stakeholders: Organizations that perform system and software development.

Project Need: To permit IEEE to adopt the revised standard when it is completed.

IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that was adopted. This project will permit IEEE to provide comments to the revision and adopt the result. The scope of the document is unchanged from the previous version: This International Standard establishes a common framework for describing the life cycle of systems created by humans. It defines a set of processes and associated terminology. These processes can be applied at any level in the hierarchy of a system's structure. Selected sets of these processes can be applied throughout the lifecycle for managing and performing the stages of a system's life cycle. This is accomplished through the involvement of all interested parties with the ultimate goal of achieving customer satisfaction.

BSR/IEEE C57.19.100-200x, Guide for Application of Power Apparatus Bushings (revision of ANSI/IEEE C57.19.100-1995 (R2003))

Stakeholders: Transformer maintenance personnel.

Project Need: To present general information and recommendations for the application of power apparatus bushings when incorporated as part of power transformers, power circuit breakers, and isolated-phase bus.

Provides guidance on the use of outdoor power apparatus bushings. The bushings are limited to those built in accordance with IEEE Std C57.19.00-1991.

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BSR/IEEE 848-200x, Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems (revision of ANSI/IEEE 848-1996 (R2003))

Stakeholders: Architectural engineers, cable manufacturers, the Nuclear Regulatory Commission.

Project Need: To provide ampacity testing to determine ampacity derating of fire-protected cable systems.

This standard provides a test procedure for determining the ampacity derating factor in the following cable installation configurations:
- Block-out or sleeve type cable penetration fire stops;
- Conduits covered with a protective material;
- Tray covered with a protective material;
- Cable directly covered or coated with a fire-retardant material; and
- Free-air drops enclosed with a protective material.

BSR/IEEE 1031-200x, Guide for the Functional Specification of Transmission Static Var Compensators (revision of ANSI/IEEE 1031-2000)

Stakeholders: Users such as utilities and manufacturers.

Project Need: To update the current guide to include the new developments that have been created since 2000.

This guide assists users in specifying the functional requirements for static Var compensators in transmission substations, but not those primarily associated with DC converter stations, nor with the correction of disturbing load or phase unbalance. The scope will include harmonics and loss analysis.

BSR/IEEE 1036-200x, Guide for Application of Shunt Power Capacitors (new standard)

Stakeholders: Manufacturers and end users of the capacitor banks.

Project Need: To allow for closer harmonization with other existing standards that cover similar topics and to consider fuseless and internally fused capacitor technology.

This guide applies to the use of 50- and 60-Hz shunt power capacitors rated 2400 Vac and above, and assemblies of capacitors. Included are guidelines for the application, protection, and ratings of equipment for the safe and reliable utilization of shunt power capacitors. The guide is general and intended to be basic and supplemental to specific recommendations of the manufacturer. The guide covers applications that range from simple unit utilization to complex bank situations.

BSR/IEEE 1143-200x, Guide on Shielding Practice for Low Voltage Cables (revision of ANSI/IEEE 1143-1994 (R1999))

Stakeholders: Cable users for control systems in industrial plants, generating stations, and substations.

Project Need: To provide a revision to the Guide on Shielding Practice for Low Voltage Cables.

This function of this guide on shielding practice for low voltage cables is to inform and familiarize the reader with shielding practice. Overviews of shielding practice, systems and test methods are provided. These tests may not be standardized; however, they are included to inform the reader and provide an overview as to what has been done to characterize shielding.

BSR/IEEE 1159-200x, Recommended Practice for Monitoring Electric Power Quality (revision of ANSI/IEEE 1159-1995 (R2001))

Stakeholders: Developers, manufacturers, and vendors of Power Quality monitoring equipment.

Project Need: To accomodate the improvements in technology that have made some of the original standard obsolete.

This recommended practice encompasses the monitoring of electrical characteristics of single-phase and polyphase ac power systems. It includes consistent descriptions of conducted electromagnetic phenomena occurring on power systems. The document presents definitions of nominal conditions and deviations from these nominal conditions that may originate within the source of supply or load equipment, or from interactions between the source and the load. Also, this document presents recommendations for measurement techniques, application techniques, and interpretation of monitoring results.

BSR/IEEE 1250-200x, Guide for Identifying and Improving Voltage Quality in Power Systems (revision of ANSI/IEEE 1250-2002)

Stakeholders: Power delivery system designers and operators and utility system customers.

Project Need: To update the present 1250 Guide.

This guide will assist readers in identifying and improving voltage quality in power systems, and will reference publications in this area. More specifically, this Guide includes:
(1) Voltage quality levels from benchmarking studies;
(2) Factors that affect power system performance;
(3) Mitigation measures that improve power system performance; and
(4) References to current relevant in-depth IEEE standards and other documents.

BSR/IEEE 1300-200x, Guide for Cable Connections for Gas Insulated Substations (revision of ANSI/IEEE 1300-1997 (R2002))

Stakeholders: Manufacturers of both GIS and cable terminations.

Project Need: To assure interchangeability of the cable terminations and GIS housings in switchgear and cable systems.

This guide establishes typical dimensions for connections of a gas-insulated substation (GIS) to extruded, self-contained fluid-filled and high-pressure fluid-filled (pipe-type) cables in single- and three-phase arrangements for voltages 72.5 kV and above. The guide applies to both fluid-filled and dry-type cable terminations with insulating barrier separating SF6 gas in GIS housing from the termination fluid. It also determines the arrangement for dielectric tests of the termination with simulated GIS enclosure. Responsibilities in grounding connections, installation and field tests are also defined.

BSR/IEEE 1329-200x, Standard Method for Measuring Transmission Performance of Handsfree Telephone Sets (revision of ANSI/IEEE 1329-1999)

Stakeholders: Manufacturers, developers and users of handsfree telephones.

Project Need: To provide practical and repeatable methods for making laboratory measurements of the transmission and voice switching characteristics of HFTs so that their performance may be evaluated on a standardized basis.

This standard provides the techniques for objective measurement of electroacoustic and voice switching characteristics of analog and digital handsfree telephones (HFTs). Due to the various characteristics of HFTs and the environments in which they operate, not all of the test procedures in this standard are applicable to all HFTs. Application of the test procedures to atypical HFTs should be determined on an individual basis.

BSR/IEEE 1689-200x, Trial Use Standard for Cyber Security of Serial SCADA Links and IED Remote Access (new standard)

Stakeholders: Engineers at electric utilities and consultants/system integrators.

Project Need: To create a trial use standard for cyber security of serial SCADA links and IED remote access.

This trial-use standard defines the general requirements to protect serial communications between master stations and remote terminal units from cyber attack, and remote access to maintenance ports in Remote Terminal Units (RTUs) and other Intelligent Electronic Devices (IEDs). This standard defines the requirements to retrofit existing communications in such a manner as to minimize the changes needed to existing equipment and software.

BSR/IEEE 1692-200x, Guide for the Protection of Communication Installations from Lightning Effects (new standard)

Stakeholders: Owners and/or operators of communications

Project Need: To address methods and practices necessary to minimize damages to communications equipment within structures arising from lightning surges causing GPR (ground potential rise) and similar potential differences.

This document presents engineering design guidelines for the prevention of lightning damage to communications equipment within structures.

BSR/IEEE C37.2-200x, Standard Electrical Power System Device Function Numbers and Contact Designations (revision of ANSI/IEEE C37.2-1996 (R2001))

Stakeholders: Users of the existing C37.2 device function numbers.

Project Need: The function numbers in IEC 61850 are now cross-referenced to C37.2 function numbers. The proposed table will cross-reference C37.2 function numbers to the IEC logical nodes.

This standard applies to the definitions and application of function numbers for devices used in electrical substations and generating plants and in installations of power utilization and conversion apparatus.

BSR/IEEE C37.09-1999/Cor 1-200x, Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Corrigendum 1 (supplement to ANSI/IEEE C37.09-1999)

Stakeholders: Utilities, manufacturers, consulting engineers.

Project Need: This standard will correct errors introduced in ANSI/IEEE C37.09-1999.

This corrigendum corrects technical and other non-editorial errors made during the preparation of C37.09-1999, which covers test procedures for all high-voltage circuit breakers rated over 1000 Vac.

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BSR/IEEE 802.11y-200x, Amendment to LAN/MAN - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: 3650-3700 MHz Operation in USA (supplement to ANSI/IEEE 802.11-1999 (R2003))

Stakeholders: Equipment providers and end users.

Project Need: To standardize the mechanisms required to allow shared 802.11 operation with other users in the 3650-3700 MHz band in the USA.

The scope of the proposed project is the application of 802.11-based systems to the 3650-3700 MHz band in the USA.

BSR/IEEE 802.16j-200x, Amendment to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Multihop Relay Specification (supplement to ANSI/IEEE 802.16-2004)

Stakeholders: Manufacturers and operators of IEEE 802.16

Project Need: To expand coverage and to enhance throughput and system capacity for IEEE 802.16 systems through the multihop relay.

This document specifies OFDMA physical layer and medium access control layer enhancements to IEEE Std 802.16 for licensed bands to enable the operation of relay stations. Subscriber station specifications are not changed.

BSR/IEEE 802.16k-200x, Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Bridges - Bridging of 802.16 (supplement to ANSI/IEEE 802.16-2004)

Stakeholders: Manufacturers and operators of IEEE 802.16

Project Need: IEEE 802 MACs operate as part of an IEEE 802 bridged network. This amendment will normalize this compatibility and ensure that 802.16 can be deployed by enterprises and service providers in the bridged network market.

The scope of this project is limited to amending 802.1D to support Bridging of the IEEE 802.16 MAC. This involves:
(a) Adding one subclause to Clause 6 of 802.1D that describes the service interface mapping between the Internal Sublayer Service and the 802.16 MAC service; and
(b) Minor changes elsewhere in the document as needed to accommodate support of the additional MAC, including priority mapping in Clause 7 and the PICS Proforma in Annex A.

BSR/IEEE 802.19-200x, Recommended Practice for Information Technology - Telecommunications and information exchange between systems - Local and metropolitan networks - Specific requirements - Part 19: Methods for assessing coexistence of wireless networks (new standard)

Stakeholders: Wireless standards development organizations.

Project Need: To recommend methods to evaluate the coexistence of wireless networks.

This Recommended Practice describes methods for assessing coexistence of wireless networks. The document defines recommended coexistence metrics and methods of computing these coexistence metrics. The focus of the document is on IEEE 802 wireless networks, though the methods developed here may be applicable in other standards development organizations and development communities.

BSR/IEEE 802.22.1-200x, Standard to Enhance Harmful Interference Protection for Low Power Licensed Devices Operating in TV Broadcast Bands (new standard)

Stakeholders: Authorized users and manufacturers of low-power licensed devices.

Project Need: To create a standardized method of protection will enable continued interference-free operation of licensed incumbent services and to promote spectrum sharing with the LE devices, benefiting both the incumbent licensees and equipment manufacturers.

This standard specifies methods to provide enhanced protection to protected devices such as those used in the production and transmission of broadcast programs (e.g., devices licensed as secondary under Title 47 of the Code of Federal Regulations (CFR) in the USA and equivalent devices in other regulatory domains) from harmful interference caused by licensed-exempt devices (such as, e.g., IEEE 802.22) that also are intended to operate in the TV Broadcast Bands.

BSR/IEEE 1076c-200x, Standard VHDL Language Reference Manual - Procedural Language Application Interface (supplement to ANSI/IEEE 1076-2002)

Stakeholders: EDA vendors, third-party tool vendors, verification engineers and chip designers.

Project Need: The VHPI will enhance the market for VHDL-related simulation tools by defining a standard interface between VHDL simulators and additional modeling, analysis and debugging tools.

The scope of the proposed project is to amend the existing IEEE 1076-2002 (VHDL) standard by adding a simulation runtime application interface (VHDL Programming Interface or VHPI).

BSR/IEEE 1687-200x, Standard for Access and Control of Instrumentation Embedded within a Semiconductor Device (new standard)

Stakeholders: Designers or users.

Project Need: To standardize the widespread use of embedded instrumentation (such as BIST Engines, Complex I/O Characterization and Calibration, Embedded Timing Instrumentation, etc.).

This standard develops a methodology for access to embedded instrumentation without defining the instruments or their features themselves, via the IEEE 1149.1 Test Access Port (TAP) and additional signals that may be required. The elements of the methodology include a description language for the characteristics of the features and for communication with the features, and requirements for interfacing to the features.

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BSR/IEEE 99-200x, Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment (revision of ANSI/IEEE 99-1980 (R2000))

Stakeholders: Developers of standards, manufacturers of insulating materials.

Project Need: To update superceded references and cited editions and to make editorial corrections and other changes as necessary.

This recommended practice provides criteria for the preparation of test procedures for accelerated thermal aging of insulation systems and for the specification of tests based on conditions of use. The objective of these test procedures is to provide for the functional evaluation, by test, of insulation systems for electrical equpment.

BSR/IEEE 1528.3-200x, Recommended Practice for Determining the Peak SAR in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Mobile Phones/Personal Wireless Devices (new standard)

Stakeholders: Wireless communication devices manufacturers, service providers.

Project Need: To provide standardized and accepted protocols and standardized anatomical models, validation techniques, benchmark data, reporting format and means for estimating the overall uncertainty in order to produce valid and repeatable and reproducible data.

The scope of this project is to describe the concepts, techniques, models, validation procedures, uncertainties and limitations of the finite-difference time-domain technique (FDTD) when used for determining the spatial-peak specific absorption rate (SAR) in standardized human anatomical models. These models are exposed to personal wireless devices, e.g., mobile phones.

BSR/IEEE 1688-200x, Standard for Module Electromagnetic Interference (EMI) Testing (new standard)

Stakeholders: Airframers, equipment manufacturers, test houses and government representatives.

Project Need: To provide for Module EMI testing.

The scope of the standard is limited to EMI levels and test methods for replaceable electronic modules (i.e., cards, electronic subunits).

BSR/IEEE 1704-200x, Utility Industry End Device Communications Module (new standard)

Stakeholders: Meter manufacturers.

Project Need: To avoid obsolesence in a meter population utilizing a "built-in" communications device, this standard shall specify the physical interface of communications devices (com modules) that may be of any new or old technology.

This document defines the physical interface between IEEE P1377 end devices (such as meters or distribution automation devices) and communication modules. The communication modules are described as being attachable and removable to/from the end device. Included in this standard are the physical dimensions, electrical connections, and module positioning which involves the secure physical mounting, weather elements, and communications propagation considerations. This standard serves as the extension of the proposed standards, IEEE P1703, MC12.22-2006, and ANSI C12.22-2006 in regard to the communications module description and specification.

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BSR/SIA CP-01-200x, Control Panel Standard - Features for False Alarm Reduction (revision of ANSI/SIA CP-01-2000)

Stakeholders: Manufacturers in the design of control panels and alarm signal receivers.

Project Need: This is a revision of an existing standard.

This standard details recommended design features for security system control panels and their associated arming and disarming devices to reduce the incidence of false alarms. These features are applicable to both residential and commercial properties protected by an electronic security system.

BSR/SIA DC-09-200x, SIA Digital Communication Standard Internet Protocol Event Reporting (new standard)

Stakeholders: Manufacturers of control panels and central station receivers, as well as all affected parties.

Project Need: To detail the protocol and related details in order to report events from premises equipment to a central station using Internet protocol (IP) to carry the event content.

This standard details the protocol and related details to report events from premises equipment to a central station using Internet protocol (IP) to carry the event content. It is important to distinguish that, while this reporting method uses the SIA Receiver-to-Computer Interface Protocol as a foundation, it is intended for event transport from protected premises to a central station - possibly using the public Internet.

BSR/SIA PIDM-01-200x, SIA OSIPS Framework (new standard)

Stakeholders: Manufacturers of security components in an electronic physical security environment.

Project Need: To define the messages between electronic physical security components.

The OSIPS Framework defines how security components may interoperate with other security components. It can be used to communicate over any transport mechanism. The transmission of messages across various transport mechanisms permit common messaging with co-operating devices to interoperate, if this is desired.

BSR/SIA PIR-02-200x, Testing Standards for Interior PIR Detectors Intended for High Security Use (new standard)

Stakeholders: Manufacturers of passive infrared motion sensors; security system installers, specifiers, and users.

Project Need: To define test procedures to determine baseline performance characteristics for interior passive infrared detectors that are intended for use in high-security applications.

This standard defines test procedures to determine baseline performance characteristics for interior passive infrared detectors that are intended for use in high-security applications. The output from these tests is performance characteristics that can be used as a guide for designing, choosing and installing PIR detectors for high-security applications.

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

**Office:** 333 Pfingsten Road
Northbrook, IL 60062

*Contact:* *Jeff Prusko*

**E-mail:** Jeffrey.Prusko@us.ul.com

BSR/UL 427-200x, Refrigerating Units (new standard)

Stakeholders: Manufacturers of refrigerating units

Project Need: To develop a new American National Standard.

These requirements cover refrigerating units intended for connection in accordance with the National Electrical Code, NFPA 70, to alternating-current (AC) circuits rated not greater than 600 volts and which employ sealed, hermetic-type motor compressors, and air- or water-cooled condensers.

# 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
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select 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.

# ISO Draft International Standards

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

**Comments**

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

**Ordering Instructions**

**ISO Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an Iso Draft to Customer Service at sales@ansi.org. 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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**ACOUSTICS (TC 43)**

ISO 3822-1/DAmd1, Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 1: Method of measurement - Amendment 1: Measurement uncertainty - 8/5/2006, $29.00

**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/DIS 6883, Animal and vegetable fats and oils - Determination of conventional mass per volume (litre weight in air) - 8/5/2006, $53.00

**CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)**

ISO/DIS 20776-2, Clinical laboratory testing and in vitro diagnostic test systems - Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility devices - Part 2: Evaluation of performance of antimicrobial susceptibility device - 8/5/2006, $46.00

**DENTISTRY (TC 106)**

ISO/DIS 6872, Dentistry - Ceramic materials - 7/29/2006, $88.00

**FIRE SAFETY (TC 92)**

ISO/DIS 24473, Fire tests - Open calorimetry - Measurement of the rate of production of heat and combustion products for fires of up to 40 MW - 8/5/2006, $98.00

**FLUID POWER SYSTEMS (TC 131)**

ISO/DIS 6194-5, Rotary shaft lip type seals incorporating elastomeric sealing elements - Part 5: Identification of visual imperfections - 8/5/2006, $62.00

**IMPLANTS FOR SURGERY (TC 150)**

ISO/DIS 21535, Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants - 7/29/2006, $53.00

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

ISO/DIS 17491-3, Protective clothing - Test methods for clothing providing protection against chemicals - Part 3: Determination of resistance to penetration by a jet of liquid (jet test) - 7/29/2006, $46.00

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

ISO/DIS 9969, Thermoplastics pipes - Determination of ring stiffness - 7/29/2006, $46.00

**RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO/DIS 1795, Rubber, raw natural and raw synthetic - Sampling and further preparative procedures - 8/11/2006, $40.00

**SAFETY OF MACHINERY (TC 199)**

ISO/DIS 13857, Safety of machinery - Safety distances to prevent danger zones being reached by upper and lower limbs - 7/29/2006, $77.00

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

ISO/DIS 704, Terminology work - Principles and methods - 8/5/2006, $119.00

**WATER QUALITY (TC 147)**

ISO/DIS 16265-1, Water quality - Determination of methylene blue active substances (MBAS) index by flow analysis (CFA and FIA) - Estimation of the content of anionic surfactants - Part 1: Method by flow injection analysis (FIA) - 8/5/2006, $53.00

ISO/DIS 16265-2, Water quality - Determination of methylene blue active substances (MBAS) index by flow analysis (CFA and FIA) - Estimation of the content of anionic surfactants - Part 2: Method by continuous flow analysis (CFA) - 8/5/2006, $58.00

# 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

**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO 8870:2006, Milk and milk-based products - Detection of thermonuclease produced by coagulase-positive staphylococci, $46.00

ISO 21415-1:2006, Wheat and wheat flour - Gluten content - Part 1: Determination of wet gluten by a manual method, $53.00

ISO 21415-3:2006, Wheat and wheat flour - Gluten content - Part 3: Determination of dry gluten from wet gluten by an oven drying method, $40.00

ISO 21415-4:2006, Wheat and wheat flour - Gluten content - Part 4: Determination of dry gluten from wet gluten by a rapid drying method, $40.00

**AIRCRAFT AND SPACE VEHICLES (TC 20)**

ISO 22644:2006, Space data and information transfer systems - Orbit data messages, $107.00

**COPPER, LEAD AND ZINC ORES AND CONCENTRATES (TC 183)**

ISO 10251:2006, Copper, lead, zinc and nickel concentrates - Determination of mass loss of bulk material on drying, $62.00

**IRON ORES (TC 102)**

ISO 2597-1:2006, Iron ores - Determination of total iron content - Part 1: Titrimetric method after tin(II) chloride reduction, $62.00

ISO 7764:2006, Iron ores - Preparation of predried test samples for chemical analysis, $29.00

ISO 9686:2006, Direct reduced iron - Determination of carbon and/or sulfur - High-frequency combustion method with infrared measurement, $62.00

**LIGHT METALS AND THEIR ALLOYS (TC 79)**

ISO 3522:2006, Aluminium and aluminium alloys - Castings - Chemical composition and mechanical properties, $82.00

**OTHER**

ISO 14323:2006, Resistance spot welding and projection welds - Destructive testing of welds - Specimen dimensions and procedure for impact shear test and cross-tension testing, $71.00

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

ISO 9197:2006, Paper, board and pulps - Determination of water-soluble chlorides, $40.00

**PLASTICS (TC 61)**

ISO 21509:2006, Plastics and ebonite - Verification of Shore durometers, $53.00

**THERMAL INSULATION (TC 163)**

ISO 9972:2006, Thermal performance of buildings - Determination of air permeability of buildings - Fan pressurization method, $77.00

**WATER QUALITY (TC 147)**

ISO 6107-2:2006, Water quality - Vocabulary, $134.00

### ISO Technical Specifications

**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/TS 2963:2006, Cheese and processed cheese products - Determination of citric acid content - Enzymatic method, $58.00

### ISO/IEC JTC 1, Information Technology

ISO/IEC 10373-1:2006, Identification cards - Test methods - Part 1: General characteristics, $82.00

ISO/IEC 15938-6/Amd1:2006, Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 1: Reference software extensions, $29.00

ISO/IEC 19784-1:2006, Information technology - Biometric application programming interface - Part 1: BioAPI specification, $185.00

ISO/IEC 19785-1:2006, Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification, $93.00

ISO/IEC 22535:2006, Information technology - Telecommunications and information exchange between systems - Corporate Telecommunication Networks - Tunnelling of QSIG over SIP, $62.00

## IEC Standards

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

IEC 62153-4-7 Ed. 1.0 b:2006, Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring the transfer impedance and the screening - or the coupling attenuation - Tube in tube method, $99.00

**DEPENDABILITY (TC 56)**

IEC 60706-3 Ed. 2.0 b:2006, Maintainability of equipment - Part 3: Verification and collection, analysis and presentation of data, $108.00

**ELECTRIC TRACTION EQUIPMENT (TC 9)**

IEC 60571 Amd.1 Ed. 2.0 b:2006, Electronic equipment used on rail vehicles - Amendment 1 - Electronic equipment used on rail vehicles, $34.00

**ELECTRICAL ACCESSORIES (TC 23)**

IEC/TR 60083 Ed. 5.0 b:2006, Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC, $233.00

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

IEC 60601-2-47 Ed. 1.0 b:2006, Medical electrical equipment - Part 2-47: Particular requirements for the safety, including essential performance, of ambulatory electrocardiographic systems, $124.00

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

IEC 61076-1 Ed. 2.0 b:2006, Connectors for electronic equipment - Product requirements - Part 1: Generic specification, $74.00

IEC 61076-3-112 Ed. 1.0 b:2006, Connectors for electronic equipment - Part 3-112: Rectangular connectors - Detail specification for rectangular connectors with four contacts for high performance serial bus for consumer audio/ video equipment, $108.00

IEC 62197-1 Ed. 1.0 b:2006, Connectors for electronic equipment - Quality assessment requirements - Part 1: Generic specification, $91.00

**EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)**

IEC 60216-3 Ed. 2.0 en:2006, Electrical insulating materials - Thermal endurance properties - Part 3: Instructions for calculating thermal endurance characteristics, $124.00

**INSULATING MATERIALS (TC 15)**

IEC 60464-3-2 Amd.1 Ed. 2.0 en:2006, Amendment 1 - Varnishes used for electrical insulation - Part 3: Specifications for individual materials - Sheet 2: Hot curing impregnating varnishes, $18.00

IEC 61033 Amd.1 Ed. 1.0 b:2006, Amendment 1 - Test methods for the determination of bond strength of impregnating agents to an enamelled wire substrate, $18.00

**MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)**

IEC 60205 Ed. 3.0 en:2006, Calculation of the effective parameters of magnetic piece parts, $91.00

IEC 60556 Ed. 2.0 en:2006, Gyromagnetic materials intended for application at microwave frequencies - Measuring methods for properties, $141.00

IEC 62317-9 Ed. 1.0 en:2006, Ferrite cores - Dimensions - Part 9: Planar cores, $61.00

**POWER TRANSFORMERS (TC 14)**

IEC 61378-3 Ed. 1.0 b:2006, Converter transformers - Part 3: Application guide, $191.00

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

IEC 60335-2-14 Ed. 5.0 b:2006, Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines, $108.00

IEC 60745-1 Ed. 4.0 b:2006, Hand-held motor-operated electric tools - Safety - Part 1: General requirements, $221.00

**SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)**

IEC 61496-2 Ed. 2.0 b:2006, Safety of machinery - Electro-sensitive protective equipment - Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs), $124.00

**SUPERCONDUCTIVITY (TC 90)**

IEC 61788-3 Ed. 2.0 en:2006, Superconductivity - Part 3: Critical current measurement - DC critical current of Ag- and/or Ag alloy-sheathed Bi-2212 and Bi-2223 oxide superconductors, $83.00

**SURFACE MOUNTING TECHNOLOGY (TC 91)**

IEC 60068-2-54 Ed. 2.0 en:2006, Environmental testing - Part 2-54: Tests - Test Ta: Solderability testing of electronic components by the wetting balance method, $68.00

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

## PUBLIC REVIEW

GoDaddy.com, Inc.

Public Review: April 21 to July 20, 2006

Starfield Technologies, Inc.

Public Review: April 21, to July 20, 2006

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

# Proposed Foreign Government Regulations

## Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by 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

## International Organization for Standardization (ISO)

### Call for New Secretary

### Relinquishment of ISO Subcommittee Secretariat

### ISO/TC 21/SC 5 – Sprinkler and water spray extinguishing systems

### Comment Deadline: May 26, 2006

ANSI has been advised that the National Fire Protection Association (NFPA) no longer wishes to serve as Secretary for this International Subcommittee.

The work of this subcommittee is covered by the scope of ISO/TC 21 as follows:

Standardization in the field of all fire protection and fire fighting apparatus and equipment including extinguishing media as well as the personal equipment of the fire fighter, and related work on terminology, classification and symbols.

Approval of advisory documents relating to the general principles and application of equipment and apparatus for fire protection and fire fighting.

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

Any organization wishing to assume the role of US delegated Secretariat, please contact Henrietta Scully via email: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 before May 26, 2006.

### Proposal for a New Field of ISO Technical Work

### Educational Services

### Committee Deadline: May 26, 2006

DIN (Germany) has submitted to ISO a proposal for a new field of ISO technical activity on Educational Services, with the following proposed 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.

A copy of the proposal can be obtained for review by contacting Henrietta Scully via e-mail at hscully@ansi.org. Any comments regarding whether or not ANSI should support this proposal can be made by Friday, May 26, 2006 to Steven Cornish via e-mail: scornish@ansi.org.

### Three New Work Item Proposals

### Brand Evaluation; Rating Services; and Cleaning Services

### Comment Deadline: May 26, 2006

DIN (Germany) has submitted to ISO three new work item proposals for ISO standards in the services sector on the following subjects:

**1. Brand valuation - Basic requirements for methods of monetary brand valuation.**

Proposed scope:

Specification of basic requirement relating to methods of monetary brand valuation.

**2. Specification of requirements on rating services including rating processes and rating methods.**

Proposed scope:

The scope of this project is 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.

**3. Cleaning services – Requirements.**

Proposed 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.

A copy of each of the proposals can be obtained for review by contacting Henrietta Scully via e-mail at hscully@ansi.org. Any comments regarding whether or not ANSI should support this proposal can be made by Friday, May 26, 2006 to Steven Cornish via e-mail: scornish@ansi.org

## Meeting Notices

### ARI – The Air-Conditioning and Refrigeration Institute

### Dehumidification Engineering Committee

The Dehumidification Engineering Committee, sponsored by ARI, will hold a meeting on Tuesday, August 22-23 at ARI Headquarters in Arlington, Virginia. The committee is concerned with mechanical refrigeration systems designed with its primary purpose for removing moisture form the air with reheat recovered from the dehumidification process installed in the airstream. The purpose of the meeting is to complete work on drafting a testing and rating for performance standard for Dedicated Outside Air Systems. This meeting is open to anyone with an interest in dedicated outside air systems, particularly as it relates to testing and rating, and those who wish to participate in the standards development. Please contact Joel Solis at ARI (703) 524-8800 or e-mail: jsolis@ari.org for details on meeting location and reservations information.