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, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: August 15, 2010

NSF (NSF International)

Revisions

BSR/NSF 140-201x, Sustainability Carpet Assessment (revision of ANSI/NSF 140-2009)

To allow 24 hours for test results from the Carpet and Rug Institute's Green Label Plus program for carpet to be used to meet the requirements of section 6.3.5.1 Minimization of Indoor Formaldehyde Emissions.

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

Send comments (with copy to BSR) to: Adrienne O'Day, (734) 827-5676, oday@nsf.org

Comment Deadline: August 30, 2010

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC H-5-200x, Boat Load Capacity (new standard)

This standard is a guide for determining the maximum weight and persons capacity of boats.

Single copy price: $50.00

Order from: www.abycinc.org

Send comments (with copy to BSR) to: comments@abycinc.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPVC Section VIII-201x, Rules for Construction of Pressure Vessels (02/06/10 Meeting) (revision of ANSI/ASME BPVC Section VIII-2010)

Contains mandatory requirements, specific prohibitions, and nonmandatory guidance for pressure vessel materials, design, fabrication, examination, inspection, testing, certification, and pressure relief. The Code does not address all aspects of these activities, and those aspects which are not specifically addressed should not be considered prohibited.

Single copy price: Free

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: Steven Rossi, (212) 591-8460, rossis@asme.org

BSR/ASME BPVC Section XI-201x, Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2010)

Provides requirements for in-service inspection and testing of light-water cooled nuclear power plants. The requirements identify the areas subject to inspection, responsibilities, provisions for accessibility and inspectability, examination methods, and procedures, personnel qualifications, frequency of inspection, record keeping and report requirements, procedures for evaluation of inspection results and subsequent disposition of results of evaluations, and repair/replacement activity requirements, including procurement, design, welding, brazing, defect removal, fabrication, installation, examination, and pressure testing.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Ryan Crane, (212) 591-7004, craner@asme.org

AWWA (American Water Works Association)

Revisions

BSR/AWWA C600-201x, Installation of Ductile-Iron Mains and Their Appurtenances (revision of ANSI/AWWA C600-2005)

Describes installation procedures for ductile-iron mains and their appurtenances for potable water, wastewater, and reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org

Send comments (with copy to BSR) to: Same

IESO (Indoor Environmental Standards Organization)

New Standards

BSR/IESO-RIA 6001-200x, Evaluation of HVAC/Mechanical system surfaces to determine the impact from fire related particulate (new standard)

Determines the need for HVAC restoration through specific established inspection guidelines and assessment principles for HVAC/mechanical systems to determine the need for restoration and/or replacement as part of a fire or smoke event.

Single copy price: Free

Obtain an electronic copy from: klee@iestandards.org

Order from: Kristy Lee, (800) 231-8388, klee@iestandards.org

Send comments (with copy to BSR) to: Same

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

New Standards

BSR INCITS 460-201x, Information technology - Fibre Channel - Physical Interface - 3 (FC-PI-3) (new standard)

Describes the physical interface portions of a high-performance serial link based on the work of the XFP MSA. FC-PI-3 applies only to the variant described in FC-PI-3 and does not affect or supersede any requirements in any other FC standard or technical report.

Single copy price: $30.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

BSR INCITS 475-201x, Information technology - Fibre Channel - Inter-Fabric Routing (FC-IFR) (new standard)

Defines the protocols, functions, and mappings for the routing of Fibre Channel frames between physically or logically separated Fabrics.

Single copy price: $30.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

New National Adoptions

INCITS/ISO 19108-2002/Cor 1-201x, Geographic information - Temporal schema - Technical Corrigendum 1 (identical national adoption of ISO 19108:2002/Cor 1:2006)

Defines concepts for describing temporal characteristics of geographic information. This standard depends upon existing information technology standards for the interchange of temporal information.

Single copy price: Free

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO 19114-2003/Cor 1-201x, Geographic information - Quality evaluation procedures - Technical Corrigendum 1 (identical national adoption of ISO 19114:2003/Cor 1:2005)

Provides a framework of procedures for determining and evaluating quality that is applicable to digital geographic datasets, consistent with the data quality principles defined in ISO 19113. This standard also establishes a framework for evaluating and reporting data quality results, either as part of data quality metadata only, or also as a quality evaluation report.

Single copy price: Free

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO 19115-2003/Cor 1-201x, Geographic information - Metadata - Technical Corrigendum 1 (identical national adoption of ISO 19115:2003/Cor 1:2006)

Defines the schema required for describing geographic information and services. This standard provides information about the identification, the extent, the quality, the spatial and temporal schema, spatial reference, and distribution of digital geographic data.

Single copy price: Free

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO 19128-201x, Geographic information - Web map server interface (identical national adoption of ISO 19128:2005)

Specifies the behavior of a service that produces spatially referenced maps dynamically from geographic information. This standard specifies operations to retrieve a description of the maps offered by a server, to retrieve a map, and to query a server about features displayed on a map. ISO 19128:2005 is applicable to pictorial renderings of maps in a graphical format; it is not applicable to retrieval of actual feature data or coverage data values.

Single copy price: $180.00

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Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO 19136-201x, Geographic information - Geography Markup Language (GML) (identical national adoption of ISO 19136:2007)

The Geography Markup Language (GML) is an XML encoding in compliance with ISO 19118 for the transport and storage of geographic information modelled in accordance with the conceptual modelling framework used in the ISO 19100 series of International Standards and including both the spatial and non-spatial properties of geographic features.

Single copy price: $320.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC 19785-2:2006/Amd 1-201x, Information technology - Common Biometric Exchange Formats Framework - Part 2: Procedures for the Operation of the Biometric Registration Authority - Amendment 1: Additional Registrations (identical national adoption of ISO/IEC 19785-2:2006 AM 1:2010)

Specifies the requirements for the operation of the Biometric Registration Authority within the Common Biometric Exchange Formats Framework (CBEFF). The Registration Authority is responsible for assigning and publishing, via its website, unique biometric organization identifier values to organizations that own or are otherwise responsible for standardized or proprietary format specifications for biometric data blocks, biometric information record security blocks and/or CBEFF patron formats, and to organizations that intend to assign biometric product identifier values to their products.

Single copy price: $16.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC 19785-3:2007/Amd 1-201x, Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications Amendment 1: Support for Additional Data Elements (identical national adoption of ISO/IEC 19785-3:2007 AM 1: 2010)

Specifies several patron formats that conform to the requirements of ISO/IEC 19785-1. ISO/IEC 19785-1 defines a basic structure for standardized biometric information records (BIRs) that consists of three parts, the standard biometric header (SBH), the biometric data block (BDB), and the security block (SB).

Single copy price: $141.00

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

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Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC 19794-2-2005/Amd 1-201x, Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Amendment 1: Detailed description of finger minutiae location, direction, and type (identical national adoption of ISO/IEC 19794-2:2005 AM 1: 2010)

Specifies a concept and data formats for representation of fingerprints using the fundamental notion of minutiae. This standard is generic in that it may be applied and used in a wide range of application areas where automated fingerprint recognition is involved. ISO/IEC 19794-2:2005 contains definitions of relevant terms, a description of how minutiae shall be determined, data formats for containing the data for both general use and for use with cards, and conformance information. Guidelines and values for matching and decision parameters are provided in an informative annex.

Single copy price: $104.00

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Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC 29109-2-201x, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 2: Finger minutiae data (identical national adoption of ISO/IEC 29109-2:2010)

Specifies elements of conformance testing methodology, test assertions, and test procedures as applicable to the biometric data interchange format standard relating to finger minutiae data (i.e., ISO/IEC 19794-2).

Single copy price: $135.00

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

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INCITS/ISO/IEC 29109-4-201x, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 4: Finger image data (identical national adoption of ISO/IEC 29109-4:2010)

Specifies elements of conformance testing methodology, test assertions, and test procedures as applicable to ISO/IEC 19794-4. ISO/IEC 29109-4:2010 establishes test assertions of the structure of the finger image data format as specified in ISO/IEC 19794-4:2005 (Type A Level 1 as defined in ISO/IEC 29109-1:2009), test asssertions of internal consistency by checking the types of values that may be contained within each field (Type A Level 2 as defined in ISO/IEC 29109-1:2009)

Single copy price: $86.00

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Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC TR 29794-4-201x, Information technology - Biometric sample quality - Part 4: Finger image data (identical national adoption of ISO/IEC TR 29794-4:2010)

For aspects of quality specific to the finger image modality, ISO/IEC TR 29794-4:2010:
- specifies terms and definitions that are useful in the specification, use, and test of finger image quality metrics;
- defines the interpretation of finger image quality scores;
- identifies or defines finger image corpora for the purpose of serving as information for algorithm developers and users; and
- develops statistical methodologies specific to finger image corpora for characterizing quality metrics to facilitate interpretation of scores and their relation to matching performance.

Single copy price: $86.00

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Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/IEC TR 29794-5-201x, Information technology - Biometric sample quality - Part 5: Face image data (identical national adoption of ISO/IEC TR 29794-5:2010)

For aspects of quality specific to facial images, ISO/IEC TR 29794-5:2010:
- specifies terms and definitions that are useful in the specification, use and testing of face image quality metrics; and
- defines the purpose, intent, and interpretation of face image quality scores.

Performance assessment of quality algorithms and standardization of quality algorithms are outside the scope of ISO/IEC TR 29794-5:2010.

Single copy price: $86.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/TS 19103-201x, Geographic information - Conceptual schema language (identical national adoption of ISO/TS 19103:2005)

Provides rules and guidelines for the use of a conceptual schema language within the ISO geographic information standards. The chosen conceptual schema language is the Unified Modeling Language (UML). ISO TS 19103:2005 provides a profile of UML for use with geographic information. In addition, it provides guidelines on how UML should be used to create standardized geographic information and service models.

Single copy price: $167.00

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Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/TS 19104-201x, Geographic information - Terminology (identical national adoption of ISO/TS 19104:2008)

Applies to international communication in the field of geographic information. This standard provides the guidelines for collection and maintenance of terminology in the field of geographic information. It establishes criteria for selection of concepts to be included in other standards concerning geographic information, which are developed by ISO/TC 211, specifies the structure of the terminological record, and describes the principles for definition writing.

Single copy price: $206.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/TS 19127-201x, Geographic information - Geodetic codes and parameters (identical national adoption of ISO/TS 19127:2005)

Defines rules for the population and maintenance of registers of geodetic codes and parameters and identifies the data elements, in compliance with ISO 19135 and ISO 19111, required within these registers. Recommendations for the use of the registers, the legal aspects, the applicability to historic data, the completeness of the registers, and a mechanism for maintenance are specified by the registers themselves.

Single copy price: $98.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/TS 19138-201x, Geographic information - Data quality measures (identical national adoption of ISO/TS 19138:2006)

Defines a set of data quality measures. These can be used when reporting data quality for the data quality subelements identified in ISO 19113. Multiple measures are defined for each data quality subelement, and the choice of which to use will depend on the type of data and its intended purpose. The data quality measures are structured so that they can be maintained in a register established in conformance with ISO 19135.

Single copy price: $167.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

INCITS/ISO/TS 19139-201x, Geographic information - Metadata - XML schema implementation (identical national adoption of ISO/TS 19139:2007)

Defines Geographic MetaData XML (gmd) encoding, an XML Schema implementation derived from ISO 19115.

Single copy price: $206.00

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

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

NEMA (ASC C82) (National Electrical Manufacturers Association)

Reaffirmations

BSR ANSLG C82.5-2010 (R201x), Reference Ballasts - High-Intensity-Discharge and Low-Pressure Sodium Lamps (reaffirmation of ANSI ANSLG C82.5-2010)

Concerns reference ballasts for HID and low-pressure sodium lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C82.4-2002 (R201x), Ballasts for High-Intensity Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type) (reaffirmation of ANSI C82.4-2002 (R2007))

Provides specifications for and operating characteristics of ballasts for mercury, metal-halide, high-pressure sodium (HPS) lamps, and low-pressure sodium (LPS) lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C82.6-2005 (R201x), Lamp Ballasts - Ballasts for High Intensity Discharge Lamps - Method of Measurement (reaffirmation of ANSI C82.6-2005 (R2009))

Describes the procedures to be followed and the precautions to be taken in measuring performance of ballasts for high-intensity discharge (HID) lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C82.7-1983 (R201x), Mercury Lamp Transformers - Constant-Current (Series) Supply Type (reaffirmation of ANSI C82.7-1983 (R2007))

Covers mercury lamp transformers (ballasts) for operation on constant-current (series) supply circuits normally supplied by constant-current transformers of the moving-coil type.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C82.8-1988 (R201x), Specifications for Incandescent Filament Lamp Transformers - Constant-Current (Series) Supply Type (reaffirmation of ANSI C82.8-1988 (R2007))

Covers incandescent filament lamp transformers for operation on constant-current (series) supply circuits.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C82.14-2006 (R201x), Low Frequency Square Wave Ballasts for Metal Halide Lamps (reaffirmation of ANSI C82.14-2006)

Provides specifications for and operating characteristics of low frequency square wave electronic ballasts for metal halide lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 1008 sp-201x, Test conditions for fiberglass mat test methods (new standard)

This practice defines the test conditions for testing fiberglass mats.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

Send comments (with copy to BSR) to: standards@tappi.org

BSR/TAPPI T 1009 om-201x, Tensile strength and elongation at break for fiberglass mats (new standard)

Covers the determination of the tensile strength and elongation at break of fiberglass mats.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

Send comments (with copy to BSR) to: standards@tappi.org

TechAmerica

Revisions

BSR/GEIA STD-0007-A-201x, Logistics Data Implementation Model (revision and redesignation of ANSI/GEIA STD-0007-2008)

U.S. industry is required to deliver logistics data for a variety of complex systems. This project will provide standard data elements and definitions that have been mapped to GEIA-927 for such data.

Single copy price: $282.00

Obtain an electronic copy from: Go to http://www.techamerica.org/standards and click on the Online Standrds store link

Order by Phone: Call 800-699-9277

Send comments (with copy to BSR) to: standards@techamerica.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 2267-201x, Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (revision of ANSI/UL 2267-2006)

Revisions to the fuel containment and refueling system requirements to reflect new design trends and technologies for fuel-cell-powered industrial trucks.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com

Comment Deadline: September 14, 2010

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME RAMCAP Plus-201x, General Framework Standard for Risk Analysis and Management for Critical Asset Protection (RAMCAP) Plus (new standard)

Provides consistent and technically sound methodology to identify, analyze, quantify, and communicate the risks of specific malevolent and natural events affecting critical infrastructures and facilities, and establishes requirements for the risk and resilience assessment and management process that informs decisions on allocation of resources to reduce risk and enhance resilience through countermeasures and mitigation strategies. This Standard documents a process for identifying security vulnerabilities and provides methods to evaluate the options for improving these weaknesses.

Single copy price: Free

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: Geraldine Burdeshaw, (212) 591-8523, burdeshawg@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 1329-201x, Standard Method for Measuring Transmission Performance of Speakerphones (new standard)

Provides techniques for objective measurement of electroacoustic and voice switching characteristics of speakerphones that connect directly or indirectly to an analog or digital telephone network.

Single copy price: N/A

Order from: IEEE Customer Service +1-800-678-4333 (PHONE); +1-732-981-9667 (FAX); http://shop.ieee.org/ieeestore/ (ONLINE)

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1679-201x, Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications (new standard)

Covers recommended information for an objective evaluation of an emerging energy storage device or system by a potential user for any stationary application. Energy storage technologies are those that provide a means for the reversible storage of electrical energy, i.e., the device receives electrical energy and is able to discharge electrical energy at a later time. The storage medium may be electrochemical (e.g., batteries), kinetic (e.g., flywheels), electrostatic (e.g., electric double-layer capacitors), thermal, or some other medium. Devices recharged by non-electrical means, such as fuel cells, are beyond the scope of this document.

Single copy price: N/A

Order from: IEEE Customer Service +1-800-678-4333 (PHONE); +1-732-981-9667 (FAX); http://shop.ieee.org/ieeestore/ (ONLINE)

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1709-201x, Recommended Practice for 1 to 35kV Medium Voltage DC Power Systems on Ships (new standard)

Recommends guidelines to specify, procure, design, manufacture and develop manuals, safety procedures, practices and procedures for effective maintenance of Medium Voltage DC (MVDC) electrical power systems. Recommendations are made for analytical methods, preferred interconnection interfaces and performance characteristics for reliable integration of MVDC Electrical components into the Ship MVDC electrical power systems.

Single copy price: N/A

Order from: IEEE Customer Service +1-800-678-4333 (PHONE); +1-732-981-9667 (FAX); http://shop.ieee.org/ieeestore/ (ONLINE)

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1815-201x, Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3) (new standard)

Specifies the DNP3 protocol structure, functions, and application alternatives. In addition to defining the structure and operation of DNP3, the standard defines three application levels that are interoperable. The simplest application is for low-cost distribution feeder devices, and the most complex is for full-featured master stations. The intermediate application level is for substation and other intermediate devices. The protocol is suitable for operation on a variety of communication media consistent with the makeup of most electric power communication systems.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 11073-10420-201x, Health Informatics - Personal Health Device Communication - Device Specialization - Body Composition Analyzer (new standard)

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between personal body composition analyzing devices and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for personal telehealth body composition analyzer devices.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C37.46-201x, Standard Specifications for High Voltage (> 1000 V) Expulsion and Current-Limiting Power Class Fuses and Fuse Disconnecting Switches (new standard)

Establishes specifications for high-voltage (above 1000 V) expulsion and current-limiting type power class fuses, and accessories. All of these devices are intended for use on alternating current systems.

Single copy price: N/A

Order from: IEEE Customer Service +1-800-678-4333 (PHONE); +1-732-981-9667 (FAX); http://shop.ieee.org/ieeestore/ (ONLINE)

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.12.30-201x, Standard for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments (new standard)

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

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

New National Adoptions

BSR/IEEE 14102-201x, Information Technology - Guideline for the Evaluation and Selection of CASE Tools (identical national adoption of ISO/IEC 14102:2008)

Gives guidelines for the evaluation and selection of CASE tools, covering a partial or full portion of the software engineering life cycle. It establishes processes and activities to be applied for the evaluation of CASE tools and selecting the most appropriate CASE tools from several candidates.

Single copy price: N/A

Order from: IEEE Customer Service +1-800-678-4333 (PHONE); +1-732-981-9667 (FAX); http://shop.ieee.org/ieeestore/ (ONLINE)

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 14471-201x, Information Technology - Software Engineering - Guidelines for the Adoption of CASE Tools (identical national adoption of ISO/IEC TR14471)

Since CASE adoption is a subject of the broader technology transition problem, this Technical Report addresses the adoption practices appropriate for a wide range of computing organizations.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Revisions

BSR/IEEE 7-4.3.2-201x, Standard Criteria for Digital Computers in Safety Systems of Nuclear Power Generating Stations (revision of ANSI/IEEE 7-4.3.2-2003)

Ampliies criteria in IEEE Std 603-2009, IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations, to address the use of computers as part of safety systems in nuclear power generating stations. The criteria contained in this standard, in conjunction with criteria in IEEE Std 603-2009, establish minimum functional and design requirements for computers used as components of a safety system.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1241-201x, Standard for Terminology and Test Methods for Analog-to-Digital Converters (revision of ANSI/IEEE 1241-2000)

Provides common terminology and test methods for the testing and evaluation of analog-to-digital converters (ADCs). This standard considers only those ADCs whose output values have discrete values at discrete times, i.e., they are quantized and sampled.

Single copy price: $140.00 (IEEE Members); $170.00 (Nonmembers)

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BSR/IEEE 1517-201x, Standard for Information Technology - System and Software Life Cycle Processes - Reuse Processes (revision of ANSI/IEEE 1517-1999 (R2004))

Draws on IEEE Std 12207-2008 to describe system and software reuse processes. This standard describes the relationship of reuse processes to system life cycle processes described in Part 6 (System Life Cycle Processes) of IEEE Std 12207-2008 and software life cycle processes described in Part 7 (Software Specific Processes) of IEEE Std 12207-2008. The standard defines processes and specifies requirements for the processes but does not specify particular techniques.

Single copy price: N/A

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BSR/IEEE C57.12.00-201x, General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2006)

Describes electrical and mechanical requirements of liquid-immersed distribution and power transformers, and autotransformers and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding. This standard applies to all liquid-immersed distribution, power, and regulating transformers that do not belong to the following types of apparatus:
(a) Instrument transformers;
(b) Step voltage and induction voltage regulators;
(c) Arc furnace transformers;
(d) Rectifier transformers;
(e) Specialty transformers;
(f) Grounding transformers;
(g) Mobile transformers; and
(h) Mine transformers.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.12.31-201x, Standard for Pole-Mounted Equipment - Enclosure Integrity (revision of ANSI/IEEE C57.12.31-2002)

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

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.12.90-201x, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.90-2006)

Describes methods for performing tests specified in IEEE Std C57.12.00TM and other standards applicable to liquid-immersed distribution, power, and regulating transformers. This standard is intended for use as a basis for performance and proper testing of such transformers. This standard applies to all liquid-immersed transformers, except instrument transformers, step-voltage and induction voltage regulators, arc furnace transformers, rectifier transformers, specialty transformers, grounding transformers, and mine transformers.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.113-201x, Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors (revision of ANSI/IEEE C57.113-2002)

Partial discharge measurements in transformers and shunt reactors should preferably be made on the basis of measurement of the apparent charge. Relevant measuring systems are classified as narrow-band or wide-band systems. Both systems are recognized and widely used. Without giving preference to one or the other, it is the object of this document to describe the wide-band method.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.123-201x, Guide for Transformer Loss Measurement (revision of ANSI/IEEE C57.123-2002)

Provides background information and general recommendations of instrumentation, circuitry, calibration and measurement techniques of no-load losses (excluding auxiliary losses), excitation current, and load losses of power and distribution transformers. The test codes, namely, IEEE Stds C57.12.90, C57.12.91, and the test code section of IEEE Std C57.15, provide specifications and requirements for conducting these tests. This guide has been written to provide supplemental information for each test.

Single copy price: N/A

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Supplements

BSR/IEEE 802.3ba-201x, LAN/MAN - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 40 Gb/s and 100 Gb/s Operation (supplement to ANSI/IEEE 802.3-2008)

Includes changes to IEEE Std 802.3-2008 and adds Clause 80 through Clause 88, Annex 83A through Annex 83C, Annex 85A and Annex 86A. It includes IEEE 802.3 Media Access Control (MAC) parameters, Physical Layer specifications, and management parameters for the transfer of IEEE 802.3 format frames at 40 Gb/s and 100 Gb/s.

Single copy price: $180.00 (IEEE Members); $225.00 (Nonmembers)

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BSR/IEEE 802.11p-201x, LAN/MAN - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 6: Wireless Access in Vehicular Environments (supplement to ANSI/IEEE 802.11-2007)

Specifies the extensions to IEEE Std 802.11 for Wireless Local Area Networks providing wireless communications while in a vehicular environment.

Single copy price: N/A

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BSR/IEEE 802.16h-201x, Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Improved Coexistence Mechanisms for License-Exempt Operation Amendment (supplement to ANSI/IEEE 802.16-2009)

Specifies improved mechanisms, as policies and medium access control enhancements, to enable coexistence among license-exempt systems based on IEEE Standard 802.16 and to facilitate the coexistence of such systems with primary users.

Single copy price: N/A

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BSR/IEEE C37.13.1a-2010, Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear - Amendment: Revise Short-Circuit Rating and Test Requirement (supplement to ANSI/IEEE C37.13.1-2006)

Revises the short-circuit rating and test requirements for definite purpose switching devices for use in metal-enclosed low-voltage power circuit breaker switchgear.

Single copy price: N/A

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Reaffirmations

BSR/IEEE 292-1969 (R201x), Specification Format for Single-Degree-of-Freedom Spring-Restrained Rate Gyros (reaffirmation of ANSI/IEEE 292-1969 (R2005))

Defines the requirements for a single-degree-of-freedom spring-restrained rate gyro for aircraft, missile, or spacecraft applications.

Single copy price: $66.00 (IEEE Members); $81.00 (Non-members)

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BSR/IEEE 293-1969 (R201x), Test Procedure for Single-Degree-of-Freedom Spring-Restrained Rate Gyros (reaffirmation of ANSI/IEEE 293-1969 (R2005))

This Test Procedure is a compilation of recommended rate gyro test procedures derived from those currently in use, including test conditions to be considered. In some cases, alternate methods for measuring a performance characteristic have been included.

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BSR/IEEE 488.2-1993 (R201x), Standard Codes, Formats, Protocols, and Common Commands for Use with IEEE Std 488.1-1987, IEEE Standard Digital Interface for Programmable Instrumentation (reaffirmation of ANSI/IEEE 488.2-1993 (R2004))

Specifies a set of codes and formats to be used by devices connected via the IEEE 488.1 bus. This standard also defines communication protocols necessary to effect application independent device-dependent message exchanges and further defines common commands and characteristics useful in instrument system applications.

Single copy price: $210.00 (IEEE Members); $262.00 (Non-members)

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BSR/IEEE 634-2004 (R201x), Standard Cable-Penetration Fire Stop Qualification Test (reaffirmation of ANSI/IEEE 634-2004)

Provides two methods for qualifying the performance of cable-penetration fire stops (also referred to as 'fire stops') when they are installed in rated fire-resistive barriers. The two methods are the general acceptance qualification (Type I) and a cable-specific qualification (Type II).

Single copy price: $52.00 (IEEE Members); $63.00 (Non-members)

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BSR/IEEE 820-2005 (R201x), Standard Telephone Loop Performance Characteristics (reaffirmation of ANSI/IEEE 820-2005)

Covers the general parameters and characteristics associated with telephone loops from the subscriber signaling and analog voice frequency interface to the local Class 5 switch interface. This stanadard includes only those business and residential lines in the North American public-switched network where no special performance requirements are involved. This standard provides common denominators for subscriber line performance, independent of facility types, construction processes or equipment, and circuit-provisioning methods.

Single copy price: $63.00 (IEEE Members); $79.00 (Non-members)

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BSR/IEEE 1003.13-2003 (R201x), Standard for Information Technology - Standardized Application Environment Profile (AEP) - POSIX® Realtime and Embedded Application Support (reaffirmation of ANSI/IEEE 1003.13-2003)

This standard is part of the POSIX series of standardized profiles for open systems. It defines environment profiles for portable realtime and embedded applications.

Single copy price: $79.00 (IEEE Members); $102.00 (Non-members)

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BSR/IEEE 1003.26-2003 (R201x), Standard for Information Technology - Portable Operating System Interface (POSIX (R)) - Part 26: Device Control Application Program Interface (API) [C Language] (reaffirmation of ANSI/IEEE 1003.26-2003)

This standard is part of the POSIX series of standards. It defines an application program interface for controlling device drivers. Although it is based on the widely used ioctl () system call, the interface is type-safe and has a fixed number of parameters.

Single copy price: $52.00 (IEEE Members); $63.00 (Non-members)

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NSF (NSF International)

New Standards

BSR/NSF 347-201x, Sustainability Assessment for Single Ply Roofing Membranes (new standard)

Issue 1 - Facilitates communication of information that is verifiable and accurate, about the environmental and social impacts associated with the production and use of Single Ply Roofing Membranes. Such communication is expected to encourage the demand for and supply of products that cause less stress on the environment and society, thereby stimulating the potential for market-driven continuous improvement.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=8735

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

Send comments (with copy to BSR) to: Same

PMMI (Packaging Machinery Manufacturers Institute)

Revisions

BSR/PMMI B155.1-201x, Safety Requirements for Packaging and Packaging Related Converting Machinery (revision of ANSI/PMMI B155.1-2006)

Applies to new, modified or rebuilt industrial and commercial machinery which perform packaging functions for primary, secondary and tertiary packaging. Also included are:
- the conveying machinery used within the packaging functions;
- coordination of the packaging functions that take place in sequence on the production line; and
- packaging related converting machinery.

This standard does not apply to packaging machinery used by retail consumers.

Single copy price: Free

Obtain an electronic copy from: fhayes@pmmi.org

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Send comments (with copy to BSR) to: Same

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:

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE EP403.4-200x, Design of Anaerobic Lagoons for Animal Waste Management (revision and redesignation of ANSI/ASAE EP403.3-JUL99 (RFEB04))

Call for Comment Contact Information

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

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American Boat and Yacht Council

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Phone: (410) 990-4460

Fax: (410) 990-4466
Web: www.abycinc.org/index.cfm

ASME
American Society of Mechanical Engineers

3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

AWWA
American Water Works Association

6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
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comm2000

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IEEE
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445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3809
Fax: (732) 796-6966
Web: www.ieee.org

IESO
Indoor Environmental Standards Organization

12339 Carroll Avenue
Rockville, MD 20852
Phone: (800) 231-8388
Fax: (301) 230-9648
Web: www.iestandards.org

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
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Fax: (734) 827-7875
Web: www.nsf.org

PMMI (Organization)
Packaging Machinery Manufacturers Institute

4350 North Fairfax Drive
Arlington, VA 22203
Phone: (703) 516-0648
Fax: (269) 781-6966
Web: www.pmmi.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Norcross, GA 30033
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TechAmerica
TechAmerica

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Arlington, VA 22209
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Web: www.techamerica.org

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Fax: (410) 990-4466
Web: www.abycinc.org/index.cfm

ASME
American Society of Mechanical Engineers

3 Park Avenue, 20th Floor
New York, NY 10016
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Web: www.asme.org

AWWA
American Water Works Association

6666 West Quincy Avenue
Denver, CO 80235
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Web: www.awwa.org/asp/default.asp

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Indoor Environmental Standards Organization

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Rockville, MD 20852
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Web: www.iestandards.org

ITI (INCITS)
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Web: www.incits.org

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National Electrical Manufacturers Association

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NSF
NSF International

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Web: www.nsf.org

PMMI (Organization)
Packaging Machinery Manufacturers Institute

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Phone: (703) 516-0648
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UL
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Phone: (847) 664-1725

Fax: (847) 407-1725
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

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

Office: 1101 K Street NW, Suite 610
Washington, DC 20005

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS 460-201x, Information technology - Fibre Channel - Physical Interface - 3 (FC-PI-3) (new standard)

BSR INCITS 475-201x, Information technology - Fibre Channel - Inter-Fabric Routing (FC-IFR) (new standard)

INCITS/ISO 19108-2002/Cor 1-201x, Geographic information - Temporal schema - Technical Corrigendum 1 (identical national adoption of ISO 19108:2002/Cor 1:2006)

INCITS/ISO 19114-2003/Cor 1-201x, Geographic information - Quality evaluation procedures - Technical Corrigendum 1 (identical national adoption of ISO 19114:2003/Cor 1:2005)

INCITS/ISO 19115-2003/Cor 1-201x, Geographic information - Metadata Technical Corrigendum 1 (identical national adoption of ISO 19115:2003/Cor 1:2006)

INCITS/ISO 19128-201x, Geographic information - Web map server interface (identical national adoption of ISO 19128:2005)

INCITS/ISO 19136-201x, Geographic information - Geography Markup Language (GML) (identical national adoption of ISO 19136:2007)

INCITS/ISO/IEC 19785-2:2006/Amd 1-201x, Information technology - Common Biometric Exchange Formats Framework - Part 2: Procedures for the operation of the Biometric Registration Authority - Amendment 1: Additional registrations (identical national adoption of ISO/IEC 19785-2:2006 AM 1:2010)

INCITS/ISO/IEC 19785-3:2007/Amd 1-201x, Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications - Amendment 1: Support for Additional Data Elements (identical national adoption of ISO/IEC 19785-3:2007 AM 1: 2010)

INCITS/ISO/IEC 19794-2-2005/Amd 1-201x, Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Amendment 1: Detailed description of finger minutiae location, direction, and type (identical national adoption of ISO/IEC 19794-2:2005 AM 1: 2010)

INCITS/ISO/IEC 29109-2-201x, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 2: Finger minutiae data (identical national adoption of ISO/IEC 29109-2:2010)

INCITS/ISO/IEC TR 29794-4-201x, Information technology - Biometric sample quality - Part 4: Finger image data (identical national adoption of ISO/IEC TR 29794-4:2010)

INCITS/ISO/IEC TR 29794-5-201x, Information technology - Biometric sample quality - Part 5: Face image data (identical national adoption of ISO/IEC TR 29794-5:2010)

INCITS/ISO/TS 19103-201x, Geographic information - Conceptual schema language (identical national adoption of ISO/TS 19103:2005)

INCITS/ISO/TS 19104-201x, Geographic information - Terminology (identical national adoption of ISO/TS 19104:2008)

INCITS/ISO/TS 19127-201x, Geographic information - Geodetic codes and parameters (identical national adoption of ISO/TS 19127:2005)

INCITS/ISO/TS 19138-201x, Geographic information - Data quality measures (identical national adoption of ISO/TS 19138:2006)

INCITS/ISO/TS 19139-201x, Geographic information - Metadata - XML schema implementation (identical national adoption of ISO/TS 19139:2007)

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)

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BSR/NIST-ITL 1-201x, Data Format for the Interchange of Biometric & Forensic Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2007, ANSI/NIST-ITL 2-2008, and ANSI/NIST-ITL 1a-2009)

NSF (NSF International)

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Ann Arbor, MI 48105

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BSR/NSF 381-201x, Skullcap (Scutellaria lateriflora) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30033

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E-mail: standards@tappi.org

BSR/TAPPI T 266 om-xx, Determination of sodium, calcium, copper, iron and manganese in pulp and paper by atomic absorption spectroscopy (new standard)

BSR/TAPPI T WI 3014-201x, Training standard for paper machine tender (new standard)

Final actions on American National Standards

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

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

Addenda

ANSI/ASHRAE Addendum 34a-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007): 7/1/2010

ANSI/ASHRAE Addendum 34b-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007): 7/1/2010

ANSI/ASHRAE Addendum 34d-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007): 7/1/2010

ANSI/ASHRAE Addendum 55h-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004): 7/1/2010

ANSI/ASHRAE Addendum 55i-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004): 7/1/2010

ANSI/ASHRAE Addendum 90.2b-2010, Energy-Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 90.2-2007): 7/1/2010

ANSI/ASHRAE Addendum 135.1d-2010, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2007): 7/1/2010

ANSI/ASHRAE Addendum 135p-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008): 7/1/2010

ANSI/ASHRAE Addendum 135g-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008): 7/1/2010

ANSI/ASHRAE Addendum 135z-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008): 7/1/2010

ANSI/ASHRAE/ASHE 170d-2010, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008): 7/10/2010

ANSI/ASHRAE/IES Addendum bi to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum bt to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum bx to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum ca to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum cb to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum cc to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IES Addendum db to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum 90.1cs-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum 90.1cw-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum 90.1cz-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum 90.1da-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum 90.1cr-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/13/2010

ANSI/ASHRAE/IESNA Addendum al to Standard 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum by to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum ch to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007): 7/1/2010

ANSI/ASHRAE/IESNA Addendum cl to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007): 7/1/2010

ANSI/ASHRAE/USGBC/IES Addendum 189.1b-2010, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1P-2009): 7/1/2010

New Standards

ANSI/ASHRAE Standard 35P-2010, Method of Testing Desiccants for Refrigerant Drying (new standard): 7/1/2010

ANSI/ASHRAE Standard 193P-2010, Method of Test for Determining the Airtightness of HVAC Equipment (new standard): 7/1/2010

Reaffirmations

ANSI/ASHRAE Standard 63.2-1996 (R2010), Method of Testing Liquid-Line Filter Drier Filtration Capability (reaffirmation of ANSI/ASHRAE Standard 63.2-1996 (R2006)): 7/1/2010

Revisions

ANSI/ASHRAE Standard 26-2010, Mechanical Refrigeration and Air-Conditioning Installations Aboard Ship (revision of ANSI/ASHRAE Standard 26-1996 (R2006)): 7/1/2010

ANSI/ASHRAE Standard 94.1-2010, Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance (revision of ANSI/ASHRAE Standard 94.1-2002 (R2006)): 7/1/2010

ANSI/ASHRAE Standard 94.3-2010, Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance (revision of ANSI/ASHRAE Standard 94.3-1986 (R2006)): 7/1/2010

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B18.2.1-2010, Square and Hex Bolts and Screws - Inch (revision of ANSI/ASME B18.2.1-1996 (R2005)): 7/8/2010

ANSI/ASME B18.2.6-2010, Fasteners for Use in Structural Applications (revision of ANSI/ASME B18.2.6-2006): 7/8/2010

ASME-ITI (ASME - Innovative Technologies Institute, LLC)

New Standards

ANSI/ASME-ITI HE1 RAMCAP-2010, A Risk Analysis Standard for Natural and Man-Made Hazards to Higher Education Institutions (new standard): 7/8/2010

ASTM (ASTM International)

New Standards

ANSI/ASTM E2436-2010, Specification for the Representation of Human Characteristics Data in Healthcare Information Systems (new standard): 6/22/2010

ANSI/ASTM F2117-2010, Test Method for Vertical Rebound Characteristics of Sports Surface/Ball Systems; Acoustical Measurement (new standard): 6/22/2010

ANSI/ASTM F2271-2010, Specification for Paintball Marker Barrel Blocking Devices (new standard): 7/1/2010

ANSI/ASTM F2747-2010, Guide for Construction of Sand-Based Rootzones for Golf Putting Greens and Tees (new standard): 7/1/2010

ANSI/ASTM F2810-2010, Specification for Elliptical Trainers (new standard): 6/22/2010

ANSI/ASTM F2811-2010, Test Methods for Evaluating Design and Performance Charcateristics of Elliptical Trainers (new standard): 6/22/2010

ANSI/ASTM F2842-2010, Specification for Reins Used in Thoroughbred and Quarter Horse Racing (new standard): 6/22/2010

ANSI/ASTM F2843-2010, Specification for Condition 0 Bicycle Frames (new standard): 6/22/2010

ANSI/ASTM F2844-2010, Test Methods for Displacement Compression of Softball and Baseball Bat Barrels (new standard): 6/22/2010

ANSI/ASTM F2845-2010, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (new standard): 6/22/2010

Reaffirmations

ANSI/ASTM F1647-2002 (R2010), Test Methods for Organic Matter Content of Putting Green and Sports Turf Root Zone Mixes (reaffirmation of ANSI/ASTM F1647-2002): 6/22/2010

ANSI/ASTM F1889-2005 (R2010), Guide for Straightness Measurement of Arrow Shafts (reaffirmation of ANSI/ASTM F1889-2005): 6/22/2010

ANSI/ASTM F1937-2005 (R2010), Specification for Body Protectors Used in Horse Sports and Horseback Riding (reaffirmation of ANSI/ASTM F1937-2005): 6/22/2010

ANSI/ASTM F2031-2005 (R2010), Test Method for Measurement of Arrow Shaft Static Spine Stiffness (reaffirmation of ANSI/ASTM F2031-2005): 6/22/2010

ANSI/ASTM F2120-2006 (R2010), Practice for Testing Tresstand Load Capacity (reaffirmation of ANSI/ASTM F2120-2006): 6/22/2010

ANSI/ASTM F2126-2006 (R2010), Test Method for Treestand Static Load Capacity (reaffirmation of ANSI/ASTM F2126-2006): 6/22/2010

ANSI/ASTM F2440-2005 (R2010), Specification for Indoor Wall/Feature Padding (reaffirmation of ANSI/ASTM F2440-2005): 6/22/2010

Revisions

ANSI/ASTM E176-2010, Terminology of Fire Standards (revision of ANSI/ASTM E176-2009b): 7/1/2010

ANSI/ASTM E970-2010, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-2008a): 7/1/2010

ANSI/ASTM E1276-2010, Practice for Use of a Polymethacrylate Dosimetry System (revision of ANSI/ASTM E1276-2002): 6/22/2010

ANSI/ASTM F355-2010, Test Method for Shock-Absorbing Properties of Playing Surface Systems and Materials (revision of ANSI/ASTM F355-2010): 7/1/2010

ANSI/ASTM F1776-2010, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2009): 7/1/2010

ANSI/ASTM F1936-2010, Specification for Shock-Absorbing Properties of North American Football Field Playing Systems as Measured in the Field (revision of ANSI/ASTM F1936-2006): 6/22/2010

ANSI/ASTM F1979-2010, Specification for Paintballs Used in the Sport of Paintball (revision of ANSI/ASTM F1979-2009): 7/1/2010

ANSI/ASTM F2219-2010, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219-2009): 6/22/2010

ANSI/ASTM F2272-2010, Specification for Paintball Markers (revision of ANSI/ASTM F2272-2008): 7/1/2010

ANSI/ASTM F2278-2010a, Test Method for Evaluating Paintball Barrier Netting (revision of ANSI/ASTM F2278-2010): 7/1/2010

ANSI/ASTM F2398-2010, Test Method for Measuring Moment of Inertia and Center of Percussion of a Baseball or Softball Bat (revision of ANSI/ASTM F2398-2004): 6/22/2010

Withdrawals

ANSI/ASTM E1400-2003, Practice for Characterization and Performance of a High-Dose Radiation Dosimetry Calibration Laboratory (withdrawal of ANSI/ASTM E1400-2003): 6/22/2010

CSA (CSA America, Inc.)

Addenda

ANSI Z21.11.2b-2010, Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (addenda to ANSI Z21.11.2-2007, Z21.11.2a-2008): 7/8/2010

HI (Hydraulic Institute)

Revisions

ANSI/HI 10.1-10.5-2010, Air Operated Standard (revision of ANSI/HI 10.1-10.5-2004): 7/13/2010

IEEE (Institute of Electrical and Electronics Engineers)

Reaffirmations

ANSI/IEEE 82-2002 (R2009), Standard Test Procedure for Impulse Voltage Tests on Insulated Conductors (reaffirmation of ANSI/IEEE 82-2002): 7/8/2010

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

New National Adoptions

INCITS/ISO/IEC 8632-1:1999/Cor 2:2010, Information technology - Computer graphics - Metafile for the storage and transfer of picture description information - Part 1: Functional specification - Corrigendum 2 (identical national adoption of ISO/IEC 8632-1:1999/Cor 2:2007): 7/13/2010

INCITS/ISO/IEC 9541-1:1991/Cor 1:2010, Information technology - Font information interchange - Part 1: Architecture - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9541-1:1991/Cor 1:1992): 7/13/2010

INCITS/ISO/IEC 9541-1:1991/Cor 2:2010, Information technology - Font information interchange - Part 1: Architecture - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9541-1:1991/Cor 2:1994): 7/13/2010

INCITS/ISO/IEC 9541-1:1991/Cor 3:2010, Information technology - Font information interchange - Part 1: Architecture - Technical Corrigendum 3 (identical national adoption of ISO/IEC 9541-1:1991/Cor 3:1995): 7/13/2010

INCITS/ISO/IEC 9541-2:1991/Cor 2:2010, Information technology - Font information interchange - Part 2: Interchange Format - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9541-2:1991/Cor 2:1995): 7/13/2010

INCITS/ISO/IEC 9593-1:1990/Cor 2:2010, Information processing systems - Computer graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9593-1:1990/Cor 2:1994): 7/13/2010

INCITS/ISO/IEC 9593-3:1990/Cor 2:1994, Information technology - Computer graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9593-3:1990/Cor 2:1994): 7/13/2010

INCITS/ISO/IEC 9593-4:1991/Cor 1:2010, Information technology - Computer graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9593-4:1991/Cor 1:1994): 7/13/2010

INCITS/ISO/IEC TR 9573-11:2010, Information processing - SGML support facilities - Part 11: Structure descriptions and style specifications for standards document interchange (identical national adoption of ISO/IEC TR 9573-11:2004): 7/13/2010

INCITS/ISO/IEC TR 9573-13:2010, Information technology - SGML support facilities -- Techniques for using SGML - Part 13: Public entity sets for mathematics and science (identical national adoption of ISO/IEC TR 9573-13:1991): 7/13/2010

INCITS/ISO/IEC TR 20943-3:2010, Information technology - Procedures for achieving metadata registry content consistency - Part 3: Value domains (identical national adoption of ISO/IEC TR 20943-3:2004): 7/13/2010

INCITS/ISO/IEC TR 22250-1:2010, Information technology - Document description and processing languages - Regular Language Description for XML (RELAX) - Part 1: RELAX Core (identical national adoption of ISO/IEC TR 22250-1:2002): 7/13/2010

INCITS/ISO/IEC TR 9007:2010, Information processing systems - Concepts and terminology for the conceptual schema and the information base (identical national adoption of ISO/TR 9007:1987): 7/13/2010

INCITS/ISO/IEC TR 9573:2010, Information processing - SGML support facilities - Techniques for using SGML (identical national adoption of ISO/IEC TR 9573:1988): 7/13/2010

INCITS/ISO/IEC TR 9789:2010, Information technology - Guidelines for the organization and representation of data elements for data interchange - Coding methods and principles (identical national adoption of ISO/IEC TR 9789:1994): 7/13/2010

INCITS/ISO/IEC TR 10037:2010, Information technology - SGML and Text-entry Systems - Guidelines for SGML Syntax-Directed Editing Systems (identical national adoption of ISO/IEC TR 10037:1991): 7/13/2010

INCITS/ISO/IEC TR 15413:2010, Information technology - Font services - Abstract service definition (identical national adoption of ISO/IEC TR 15413:2001): 7/13/2010

INCITS/ISO/IEC TR 19758:2010, Information technology - Document description and processing languages - DSSSL library for complex compositions (identical national adoption of ISO/IEC TR 19758:2003): 7/13/2010

INCITS/ISO/IEC TR 19758:2003/Amd 1:2010, Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 1: Extensions to basic composition styles and tables (identical national adoption of ISO/IEC TR 19758:2003/Amd 1:2005): 7/13/2010

INCITS/ISO/IEC TR 19758:2003/Amd 2:2005, Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 2: Extensions to multilingual compositions (South-East Asian compositions) (identical national adoption of ISO/IEC TR 19758:2003/Amd 2:2005): 7/13/2010

INCITS/ISO/IEC TR 19758:2003/Amd 3:2010, Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 3: Extensions to Multilingual Compositions (North and South Asian Compositions) (identical national adoption of ISO/IEC TR 19758:2003/Amd 3:2005): 7/15/2010

NSF (NSF International)

Revisions

ANSI/NSF 245-2010 (i4), Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2007): 6/30/2010

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 300-2005 (R2010), Standard for Safety for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (reaffirmation of ANSI/UL 300-2005): 7/12/2010

Revisions

ANSI/UL 746C-2010, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2009): 7/12/2010

ANSI/UL 842-2010, Standard for Safety for Valves for Flammable Fluids (Proposals dated 4/23/10) (revision of ANSI/UL 842-1999 (R2007)): 7/12/2010

ANSI/UL 2305-2010, Standard for Safety for Exhibition Display Units, Fabrication, and Installation (revision of ANSI/UL 2305-2003 (R2008)): 5/21/2010

Corrections

Error in Project Intent

ANSI ATIS 0600320-2010

In the Final Actions section of the May 21, 2010 issue of Standards Action, the Project Intent for ANSI ATIS 0600320-2010 was incorrect. The correct Project Intent is: (revision and redesignation of ANSI ATIS 0632000-2005).

Error in Title

ANSI/NSF 321-2010

In the Final Actions section of the July 2, 2010 issue of Standards Action, ANSI/NSF 321-2010 was listed with the wrong title. The correct designation and title are: ANSI/NSF 321-2010, Goldenseal Root (Hydrastis canadensis).

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.

AISC (American Institute of Steel Construction)

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BSR/AISC 358-S1-201x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (supplement to BSR/AISC 358-201x)

Stakeholders: Structural engineers, steel fabrication industry, researchers, and academics.

Project Need: To add an additonal prequalified connection to the main standard.

Adds an additional prequalified connection, the ConXL moment connection, to the standard.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60525

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E-mail: pschroeder@ans.org

BSR/ANS 54.1-201x, Nuclear Safety Criteria and Design Process for Liquid-Sodium-Cooled-Reactor Nuclear Power Plants (new standard)

Stakeholders: Reactor vendors, plant architect-engineers, constructors, nuclear regulatory authorities, national/international nuclear energy agencies/laboratories, nuclear facility owners/operators, national/local governments, and the public.

Project Need: An ANS standard that defines the nuclear safety criteria and the design process for a liquid-sodium-cooled reactor plant is required to support the development of the next generation of nuclear power plants using this technology.

Establishes the nuclear safety criteria, functional performance requirements, and design requirements for liquid-sodium-cooled nuclear power plants. The document uses performance-based, risk-informed criteria wherever possible. It also describes the design process to be followed to establish those criteria and perform structures, systems, and component classifications.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Jeff Richardson*

Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK29319-201x, New Guide for Laboratory Requirements Necessary to Test Commercial Cooking Appliances to ASTM Test Methods (new standard)

Stakeholders: Productivity and Energy Protocol Industry.

Project Need: The scope of this standard includes the laboratory and organizational requirements to test commercial cooking and warming appliances (e.g., griddles, fryers, ovens, steam cookers, and hot food holding cabinets) for preheat energy consumption and time, idle energy rate, cooking-energy efficiency and production capacity, in accordance with the appropriate ASTM Standard Test Methods under the jurisdiction of committee F26.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK29319.htm

IEEE (Institute of Electrical and Electronics Engineers)

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Piscataway, NJ 08854

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BSR/IEEE 344-201x, Recommended Practice for Seismic Qualification of Equipment for Nuclear Power Generating Stations (revision of ANSI/IEEE 344-2004 (R2009))

Stakeholders: Utilities, Vendors, A/Es, Suppliers.

Project Need: To provide guidance on use of experienced based seismic qualification and high frequency motion for nuclear power plants. The target users are those utilites, vendors and suppliers in the nuclear industry.

Describes recommended practices for establishing seismic qualification procedures that will yield quantitative data to demonstrate that the equipment can meet its performance requirements during and/or following one safe shutdown earthquake (SSE) event preceded by a number of operating basis earthquake (OBE) events. The test, analysis, or experienced-based evaluation methods described in this standard may be used to yield data to demonstrate equipment performance claims or to evaluate and verify performance of devices and assemblies as part of an overall qualification effort.

BSR/IEEE 1290-201x, Guide for Motor Operated Valve (MOV) Motor Application, Protection, Control, and Testing in Nuclear Power Generating Stations (revision of ANSI/IEEE 1290-1996 (R2005))

Stakeholders: Nuclear industry (utilities; Architect/Engineering design firms; manufacturers; regulators and consultants).

Project Need: To reflect the current state of the technology; operating experience gained over the past 14 years; new plant design applications will be considered; and to update to current versions of referenced standards.

Applies to motors used to drive valve operators in nuclear power generating stations.

BSR/IEEE 1451.5-2007/Cor 1-201x, Smart Transducer Interface for Sensors and Actuator - Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats - Corrigendum 1 (supplement to ANSI/IEEE 1451.5-2007)

Stakeholders: Wireless transducer users, transducer manufacturers, and system integrators in industrial automation, machinery condition monitoring, environment monitoring, and homeland security etc.

Project Need: Many companies are developing various wireless communication interfaces and protocols for sensors. An openly defined wireless transducer (sensor and actutor)communication standard, that can accommodate various existing wireless technologies, is needed to ease transducer connectivities, facilitate transducers data, wireless device and equipment interoperability.

The corrigendum is changing the normative references and making some minor corrections.

BSR/IEEE 1453-201x, Recommended Practice for Measurement and Limits of Voltage Fluctuations and Associated Light Flicker on AC Power Systems (revision of ANSI/IEEE 1453-2004)

Stakeholders: Electric utilities, manufacturers, electric utility

Project Need: To provide the industry with a flicker measuring protocol intended to indicate the correct flicker perception level for all practical voltage fluctuation waveforms.

Voltage fluctuations on electric power systems sometimes give rise to noticeable illumination changes from lighting equipment. This phenomenon is often referred to as flicker, lamp flicker, and sometimes voltage flicker. This recommended practice provides specifications for measurement of this phenomena. It does not make any flicker emission specifications for certification of individual products manufactured for use on these systems.

BSR/IEEE 1484.11.1a-201x, Learning Technology - Data Model for Content Object Communication - Amendment (addenda to ANSI/IEEE 1484.11.1-2004)

Stakeholders: Communities with a need for a managed learning experience that reports learner performance. Enables a general purpose capability with current adopters in corporate, military, higher education, and compulsory education (K12).

Project Need: To correct editorial and technical errors in a mature standard with considerable adoption.

Corrects technical errors identified in the five year reaffirmation ballot of the 1484.11.1-2004 and defines updates for use in a Web service context.

BSR/IEEE 1505.1.1-201x, Standard for the Common Test Interface Pin Map (IEEE Std 1505.1) Using the IEEE Std 1671.6 Exchange Format (new standard)

Stakeholders: Automatic test system integrators and users in the automotove, semiconductor and aerospace industries.

Project Need: Adoption of the resultant standard will allow manufacturers of test stations to meet the overall goals of interoperability embodied in the 1505 family of standards.

Expresses the IEEE 1505.1 Common Test Interface (CTI) Pin Map Description related to the static description of a test station receiver interface using the IEEE Std. 1671.6 ATML Test Station format.

BSR/IEEE 1547.8-201x, Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547 (new standard)

Stakeholders: Distributed resource owners; interconnection contractors; equipment manufacturers; system developers; area electric power system owners, planners and operators; and, regulatory and government bodies such as NIST.

Project Need: To establish a common technical platform addressing modern interconnection performance functionality and the increased opportunities for distributed resources interconnection applications.

Applies to the requirements set forth in IEEE Std 1547 and provides recommended methods that may expand the usefulness and utilization of IEEE Std 1547 through the identification of innovative designs, processes, and operational procedures.

BSR/IEEE 1613-201x, Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Substations (revision of ANSI/IEEE 1613-2009)

Stakeholders: Manufacturers, users and specifiers of electric utility communications networking devices and the consultants to those industries.

Project Need: The present vibration and shock requirements in IEEE 1613-2009 Clause 10 have been found to be inadequate. This revision will correct that deficiency.

Specifies standard service conditions, standard ratings, environmental performance requirements, and testing requirements for communications networking devices and communications ports in protective relays installed in electric power substations. This standard does not cover such equipment designed for operation in other environments, such as office locations.

BSR/IEEE 1622-201x, Standard for Voting Systems Electronic Data Interchange (new standard)

Stakeholders: Election vendors, election officials, election observers, the US Elections Assistance Commission (EAC), voters, the disabled community, overseas and military voters, and the general public.

Project Need: This standard will allow interoperability of voting systems and voting systems components, enable common reporting and auditing systems, and supply overseas or military remote ballot printing systems with ballot definitions for each voter's jurisdiction of legal residence.

Specifies electronic data interchange formats used by components of the voting system for exchange of electronic data.

BSR/IEEE 1636.99-201x, Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Common Information Elements (new standard)

Stakeholders: Programmers, tool developers, and users of the SIMICA family of standards in the automotive, semiconductor, aerospace, and military industries.

Project Need: The development of formal information-based standards within the SIMICA family depends upon a central definition of shared terms and concepts used by these standards. In the process of developing the IEEE P1636.1 Test Results and Session Information standard and IEEE P1636.2 Maintenance Action Information standard, a set of common elements were identified, and a model was included in P1636.2 for those elements.

Provides an implementation-independent software interfaces to information systems containing data pertinent to the diagnosis and maintenance of complex systems consisting of hardware, software, or any combination thereof. This standard defines EXPRESS information models and XML schemas that together define the common information elements supporting these interfaces.

BSR/IEEE 1641-201x, Guide for the Use of IEEE Std 1641, Standard for Signal and Test Definition (revision of ANSI/IEEE 1641-2005)

Stakeholders: Electronics test industry such as Avionics, Military, and Commercial equipment manufacturers and maintainers.

Project Need: IEEE Std 1641 provides a new and more rigorous method of describing signals and tests. Users will require help and guidance with the implementation of the standard. This document will provide that help and guidance by showing (using examples) how the standard may be implemented in several environments.

Provides application information and guidance for users who write, develop, implement, and support test requirements, signal definitions, and signal responses using IEEE Std 1641™, the signal and test definition (STD) standard. Examples of the definition and use of signal models in different environments are included.

BSR/IEEE 1671.1-201x, Standard for Automatic Test Markup Language (ATML) Test Description (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component

Project Need: To permit test descriptions to be utilized for a variety of purposes, including, Test Program generation, Test Requirement Document development and maintenance, and Test Description analysis. These test descriptions will reference IEEE 1641 Standard for Signal and Test Definition (STD) that describes signals and their behavior.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for specifying test performance, test conditions, diagnostic requirements, and support equipment to locate, align, and verify the proper operation of a Unit Under Test (UUT). This is in support of the life cycle of Test Program Sets (TPSs) that will be used in an automatic test environment.

BSR/IEEE 1671.2-201x, Standard for Automatic Test Markup Language (ATML) Instrument Description (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component

Project Need: To permit Instrument Description to be utilized for a variety of purposes, including, instrument replacement, Test Configuration Descriptions, and Instrument Capability Descriptions.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for both the static description of instrument models, and the specific description of instrument instance information.

BSR/IEEE 1671.3-201x, Standard for Automatic Test Markup Language (ATML) Unit Under Test (UUT) Description (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component

Project Need: Adoption of the resultant standard will allow manufacturers, users and supporters of these devices or components to meet the overall goals of interoperability embodied in the ATML family of standards.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for both the static description of unit under test (UUT), and the specific description of UUT instance information.

BSR/IEEE 1671.4-201x, Standard for Automatic Test Markup Language (ATML) Test Configuration (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component

Project Need: Adoption of the resultant standard will allow manufacturers of these configuration elements and components to meet the overall goals of interoperability embodied in this the ATML family of standards.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for identifying all of the hardware, software and documentation that is needed to test and diagnose a unit under test (UUT) on an Automatic Test System (ATS).

BSR/IEEE 1671.5-201x, Standard for Automatic Test Markup Language (ATML) Test Adaptor Description (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component.

Project Need: Adoption of the resultant standard will allow manufacturers of test adapters to meet the overall goals of interoperability embodied in this ATML family of standards.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for both the static description of a test adaptor by defining the interface between the unit under test (UUT) and the test station, and the specific description of test adaptor instance information.

BSR/IEEE 1671.6-201x, Standard for Automatic Test Markup Language (ATML) Test Station Description (new standard)

Stakeholders: Product (e.g., UUT) developers, Product (e.g., UUT) maintainers, TPS developers, ATE system developers, ATE system maintainers, Instrumentation developers, Developers of ATML-based tools and systems, Developers of prime mission equipment that use the supported UUT as a component.

Project Need: Adoption of the resultant standard will allow manufacturers of test stations to meet the overall goals of interoperability embodied in this the ATML family of standards.

Defines an exchange format, utilizing eXtensible Markup Language (XML), for both the static description of a test station, and the specific description of test station instance information.

BSR/IEEE 1800-201x, Standard for System Verilog - Unified Hardware Design, Specification, and Verification Language (revision of ANSI/IEEE 1800-2009)

Stakeholders: VLSI design engineers and the EDA industry.

Project Need: This standardization project will further develop the current IEEE standard for SystemVerilog in order to meet the increasing usage of the language as well as enabling consistent tool behavior from different vendors. The new revision of the standard will include resolutions and clarifications to errata and enhancements that will enable successful usage of the hardware design and verification language.

Provides the definition of the language syntax and semantics for the 1800 SystemVerilog language, which is a unified hardware design, specification, and verification language. The standard includes support for behavioral, register transfer level (RTL), and gate-level hardware descriptions; testbench, coverage, assertion, object-oriented, and constrained random constructs; and also provides application programming interfaces to foreign programming languages.

BSR/IEEE 1823-201x, Standard for a Universal Power Adapter for Mobile Devices (new standard)

Stakeholders: Portable equipment vendors with equipment within the proposed power range. This include portable computing equipment such as laptop, netbook, notebook computers, entertainment and gaming system. Small portable equipment used around the home, office, and vehicles will also be effected.

Project Need: Rational for this project is to greatly reduce the electronic waste caused by the inability to reuse a power adapter with changing mobile devices. Current design practice is to design a power adapter system for each mobile device, laptop, netbook, or other portable systems. Optimization for each device design specifies a different adapter is designed to best fit that system power need.

The Universal Power Adapter for Mobile Devices (UPAMD) standard defines a power delivery connection between a power adapter and a power using device in the 10 Watt to 130 Watt range. A communications link between the power adapter and the mobile power using device is also defined. The communications may be used to coordinate the power delivery and provide identification between the power adapter and the power using device. While intended for portable computing and entertainment devices, this standard may also be used with other mobile devices in use around the office, home or vehicle.

BSR/IEEE 1826-201x, Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated Above 100 kW (new standard)

Stakeholders: Commercial marine industry, naval engineers, commercial and military High Power Electronics equipment manufacturers, shipbuilders, port operators, classification societies, research institutes, and universities.

Project Need: The document will define interface requirement for open system high power electronics outlined in the IEEE Std 1662-2008.

Identifies Open System Interfaces for High Power Electronics Equipment used in Zonal Electrical Distribution Systems rated above 100 kW. Interfaces are grouped into key and non-key interfaces and are based on technological maturity, accepted practices and allowances for future technology insertions. This standard defines how Openness of System should be verified and validated through rigorous assessment mechanism, interface control management and proactive conformance testing to enable plug-and-play operability independently of components origin.

BSR/IEEE 1827-201x, Guide for Electrical & Control Design of Hydroelectric Water Conveyance Facilities (new standard)

Stakeholders: Hydroelectric facility owners, operators, equipment specifiers, and vendors.

Project Need: To provide principles, outline a control hierarchy and specify interfaces with other systems. It will provide guidance in electrical and instrumentation work unique to water conveyance systems. The principles and guidelines proposed for this guide are not covered by other guides associated with hydroelectric facilities.

Describes the electrical and control design of water conveyance facilities associated with hydroelectric projects including associated penstocks, valves, and gates. The guide includes guidance to plan and prepare designs; however, it does not include details of installation, operation or maintenance guidelines and methodologies. This guide is applicable to design of new facilities and rehabilitation or replacement of existing facilities.

BSR/IEEE 2010-201x, Recommended Practice for Neurofeedback Systems (new standard)

Stakeholders: EEG device manufacturers, clinicians, clients, regulatory agencies, professional organizations, researchers, and educators.

Project Need: There is considerable variation in the marketplace for EEG biofeedback (neurofeedback) equipment, software, and user training. There is no stated set of minimum requirements ensuring that systems provide effective and meaningful feedback, and that system operators can understand and interpret results. This recommended practice puts forth minimum guidelines for the design and production of neurofeedback instruments and software, to support quality of feedback.

Describes electroencephalography (EEG) Biofeedback (neurofeedback) systems and software to optimize the quality and availability of information available to device users.

BSR/IEEE 11073-10404-201x, Standard for Health Informatics - Personal Health Device Communication - Device Specialization - Pulse Oximeter (revision of ANSI/IEEE 11073-10404-2008)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g. hospitals, doctor offices, diet and fitness companies), payers (e.g. insurance companies), regulatory agencies, telemedicine consultants and businesses.

Project Need: There is a need to update this standard by resolving a nomenclature term code clash, correct several examples, and elaborate on concepts. The goal is to complete this in a timely fashion to meet market needs, thus, major new capabilities or functional enhancements beyond those described here will have to be deferred to a future project approval request to avoid delaying release of this standard.

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of communication between personal telehealth pulse oximeter devices and compute engines (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability.

BSR/IEEE 21451-7-201x, Standard for Information Technology - Smart Transducer Interface for Sensors and Actuators - Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheet Formats (new standard)

Stakeholders: Sensor/network manufacturers, RFID tag/system manufacturers, system integrators, sensor/RFID system users, retailers, shipping container manufacturers, shippers/carriers.

Project Need: To provide sensor data as part of the supply chain reporting. However there is a lack of openly defined standard interfaces between sensors and RFID tags. Since the IEEE 1451 suite of smart transducer interfaces for sensors and actuators are recognized sensor interface standards in industry, this project can fill that gap by providing such sensor-to-RFID tag interfaces to meet industry need.

Defines data formats to facilitate communications between Radio Frequency IDentification (RFID) systems and smart RFID tags with integral transducers (sensors and actuators). The standard defines new Transducer Electronic Data Sheet (TEDS) formats based on the IEEE 1451 family of standards. This standard also defines a command structure and specifies the communication methods with which the command structure is designed to be compatible.

BSR/IEEE 62646-201x, Standard for Nuclear Power Plants - Control rooms - Computer based procedures (new standard)

Stakeholders: Procedure developers, operators and managers at nuclear facilities, regulatory and other government agencies, and nuclear industry review groups.

Project Need: The nuclear industry presently has no comprehensive guide for the computerization of plant procedures. CBP applications have unique requirements, such as the different subject areas that must be addressed to integrate CBP effectively into an operating environment. To the extent that CBP provide highly integrated user interfaces, a multidisciplinary treatment of CBP applications (including, but not limited to human factors engineering) is needed.

Establishes the requirements and recommendations for designing, developing, validating, maintaining and implementing all types of procedures that a utility may decide to computerize. “Plant operating procedures” specifically refers to procedures that are used to monitor and control the plant from designated contol locations such as the main control room or supplementary control points. To the extent that other plant procedures, e.g., maintenance, are similar to plant operating procedures, the guidance provided in this standard may be applied at the discretion of the user. This standard focuses only on what is specific to computer-based procedures.

BSR/IEEE C37.66-201x, Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV) (revision of ANSI/IEEE C37.66-2005)

Stakeholders: Electrical Utility Industry.

Project Need: To provide clarification and additional information associated with required ratings and design testing.

Applies to single- or multi-pole ac switches for rated maximum voltage above 1 kV to 38 kV for use in switching shunt capacitor banks. This standard covers the application of capacitive load switching wherein the capacitive loads are separated by sufficient inductance to limit the transient peak inrush current to the peak values. Switches designed and built in accordance with this standard are rated for routine switching of capacitive load currents only.

BSR/IEEE C37.100.2-201x, Standard for Common Requirements for Testing of AC Capacitance Current Switching Devices over 1000V (new standard)

Stakeholders: Generation, Transmission, Distribution, Test Labs and Manufacturers.

Project Need: Currently, at least three different standards address testing requirements of high voltage (>1000V) circuit switching devices: C37.09a-2005, C37.66-2005 and IEEE 1247-2005.This standard would combine the requirements of all three standards (and others if determined to be appropriate) as well as harmonizing these requirements with IEC 62271-100 2001-05.

Provides common requirements for testing of AC capacitance current switching devices over 1000 V.

BSR/IEEE C37.118.2-201x, Standard for Synchrophasor Data Transfer for Power Systems (new standard)

Stakeholders: Power system owners, operators, and regulators, electric energy suppliers (generators), and vendors who supply measuring and control equipment to the power industry.

Project Need: The 2005 version of the standard C37.118 includes both measurement requirements and real-time data transfer requirements. To simplify widespread adoption and facilitate the use of other communication protocols for phasor data transmission, C37.118 is being split into two standards, one with measurement requirements and the other with the data transfer requirements.This standard includes only the data transfer portion of C37.118 with some corrections and small improvements.

Defines a method for exchange of synchronized phasor measurement data between power system equipment. This standard specifies messaging including types, use, contents, and data formats for real-time communication between Phasor Measurement Units (PMU), Phasor Data Concentrators (PDC), and other applications.

BSR/IEEE C37.302-201x, Guide for Fault Current Limiter (FCL) Testing (new standard)

Stakeholders: Equipment manufacturers, users, consultants, testing facilities, regulatory agencies, and research facilities.

Project Need: The demands for increasing capacity in utility grids does result in a significant increase in short circuit capacity. Several fault current limiting technologies are under development which promise alternative solutions for limiting fault currents in AC systems above 1000 V. Presently, none of these technologies are covered by any standard or guide with respect to research and development testing, type testing, and routine testing.

Decribes the testing of fault current limiters (FCLs) operating on condition based impedance increase for AC systems 1000 V and above. This guide does not include constant impedance series reactors and single fuses.

BSR/IEEE C57.12.35-201x, Standard for Bar Coding for Distribution Transformers and Step-Voltage Regulators (revision of ANSI/IEEE C57.12.35-2007)

Stakeholders: Electrical utilities and manufacturers of distribution transformers and step-voltage regulators.

Project Need: To update the recommended manufacturer/repair facility identification codes. The document will also be updated to indicate the current requirements of referenced standards.

Sets forth bar code label requirements for overhead, pad-mounted, and underground-type distribution transformers and step-voltage regulators. Included in this standard are requirements for data content, symbology, label layout, print quality, and label life expectancy. This standard assumes the existence of central transformer databases within utility companies so that bar code labels need only carry basic transformer identification data.

BSR/IEEE C57.12.44-201x, Standard Requirements for Secondary Network Protectors (revision of ANSI/IEEE C57.12.44-2005)

Stakeholders: Electric utilities, end users and equipment

Project Need: To update and improve the standard and to take action as appropriate on ballot comments from the last version.

Describes the electrical, dimensional, and mechanical characteristics and takes into consideration the safety features of three-phase, 60-Hz, low-voltage (600 V and below) network protectors. They are used for automatically connecting and disconnecting a network transformer from a secondary spot or grid network.

BSR/IEEE C57.130-201x, Trial-Use Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Oil-Immersed Transformers and Reactors (new standard)

Stakeholders: Power transformer users, power transformer manufacturers, testing labs, and consultants.

Project Need: To create a guide regarding dissolved gas in oil levels obtained during factory temperature rise testing.

Provides guidance in the application of dissolved gas analysis (DGA) to transformers and reactors subjected to factory temperature rise tests. This document consists of evaluation procedures and guidelines for acceptable levels of gases generated in conventional mineral-oil-filled transformers and reactors during factory temperature rise tests.

BSR/IEEE C95.1-201x, Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz (revision of ANSI/IEEE C95.1-2006)

Stakeholders: Electric power industry, the telecommunications industry, electrical equipment manufacturers, the broadcast industry, The American Conference of Governmental Industrial Hygienists (ACGIH), the Department of Defense, federal departments and agencies such a FCC and OSHA, workers in any industry that uses RF energy, and the general public.

Project Need: This project updates and extends the frequency range of C95.1-2005. The revision, which will combine C95.1-2005 (3 kHz to 300 GHz) with C95.6-2002 (R2007) (0 Hz to 3 kHz), will include an evaluation and analysis of the scientific literature published after the literature review cut-off dates for C95.1-2005 and C96.6-2002

Recommendations are made to protect against established adverse health effects in humans resulting from exposure to electric, magnetic and electromagnetic fields in the frequency range of 0 Hz to 300 GHz. The recommendations are expressed in terms of exposure reference levels (ERLs) and dosimetric reference levels (DRLs). The DRLs are limits on in situ electric field strength, specific absorption rate (SAR), and incident power density; the ERLs, which are derived from the DRLs, are limits on external fields and induced and contact current.

BSR/IEEE P802.16n-201x, Local and metropolitan area networks - Part 16: Air Interface for Broadband Wireless Access Systems - Amendment: Higher Reliability Networks (addenda to ANSI/IEEE 802.16-2009)

Stakeholders: Semiconductor manufacturers, network equipment manufacturers, mobile and wireless device manufacturers, network operators, utility companies, government agencies (e.g. US Department of Homeland Security, Department of Energy and the Federal Aviation Administration), non-government agencies with equivalent interest and the public safety and energy industries.

Project Need: High data rates and long range are required for some of these applications. 802.16 technology is uniquely suitable for these purposes, due to its inherent longer range and high data rate capability compared to other wireless technologies.

Specifies protocol enhancements to the IEEE 802.16 medium access control layer (MAC) for enabling increased robustness and alternate radio path establishment in degraded network conditions. Limited orthogonal frequency-division multiple access physical layer (OFDMA PHY) extensions are included for enabling operation with radio path redundancy and direct communication between subscriber stations. Also mobile base stations and mobile relay stations are supported.

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BSR/NIST-ITL 1-201x, Data Format for the Interchange of Biometric & Forensic Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2007, ANSI/NIST-ITL 2-2008, and ANSI/NIST-ITL 1a-2009)

Stakeholders: Criminal Justice organizations, homeland security organizations, vendors and system integrators for biometric and forensic analysis systems, and consultants.

Project Need: Criminal justice and homeland security organizations require a data interchange standard for biometric, forensic and descriptive information within and between automated identification systems. The standard must be periodically updated and revised to reflect current stakeholder needs.

The above-mentioned standards will be consolidated into one version that will be 'content based' with encoding instructions external to the standard (Traditional, NIEM-conformant XML and possibly other encodings). New Record types and data fields will be added to reflect stakeholder needs. The presentation format of the standard will be substantially revised. The title of the standard is also updated.

NSF (NSF International)

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BSR/NSF 381-201x, Skullcap (Scutellaria lateriflora) (new standard)

Stakeholders: Regulatory members, consumers, industry representatives, testing laboratories.

Project Need: To establish a national standard for ensuring the identity, strength, purity, and composition of the dietary supplement ingredient skullcap (Scutellaria lateriflora).

Contains requirements for dietary supplements that contain skullcap (Scutellaria lateriflora) as an ingredient in a dietary supplement as defined as a dietary substance for use by man to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients. With appropriate modifications to the testing methodology, this Standard can also apply to extracts of the ingredient. Products and ingredients deemed a hazard to public health or safety by a regulatory agency having jurisdiction shall be excluded from the scope of this document.

SCTE (Society of Cable Telecommunications Engineers)

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BSR/SCTE 130-8-201x, Digital Program Insertion-Advertising Systems Interfaces (revision of ANSI/SCTE 130-8-2010)

Stakeholders: Cable Telecommunications Industry.

Project Need: To update this standard to current technology.

Describes the Digital Program Insertion Advertising Systems Interfaces' General Information Service (GIS) messaging and data type specification using XML, XML Namespaces, and XML Schema.

TAPPI (Technical Association of the Pulp and Paper Industry)

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BSR/TAPPI T 266 om-xx, Determination of sodium, calcium, copper, iron and manganese in pulp and paper by atomic absorption spectroscopy (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To develop a new standard for technology as described in the proposed scope.

Describes the determination of sodium, calcium, copper, iron, and manganese in pulp, paper, and wood by atomic absorption spectroscopy. This method may also be applicable to other elements, provided that they do not volatilize in the process.

BSR/TAPPI T WI 3014-201x, Training standard for paper machine tender (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To develop a new standard for technology as described in the proposed scope.

Provides guidelines for skills and knowledge needed by a paper machine tender, often referred to as the paper machine first hand. The standard will be useful as a measure of the capabilities and understanding that a person must have to successfully perform the machine tender function. Within the limitations described, the incumbent or candidate for this function should have the capability to know, understand, and appropriately utilize all of the standard skill and knowledge functions described.

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BSR/UL 60939-2-201x, Standard for Safety for Passive Filter Units for Electromagnetic Interference Suppression - Part 2; Sectional Specification - Passive Filter Units for which Safety Tests are Appropriate - Test Methods and General Requirements (national adoption with modifications of IEC 60939-2)

Stakeholders: Producers, Supply Chain, Consultant, General Interests, and Testing Services.

Project Need: To receive ANSI approval of requirements covered by this standard.

Applies to passive filter units that will be connected to an AC mains or other supply with a nominal voltage not exceeding 1000 Volts AC, with a nominal frequency not exceeding 400 Hz, or 1000 Volts DC.

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.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (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 www.ansi.org/publicreview.

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 Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 10795, Space systems - Programme management - Vocabulary - 10/14/2010, $102.00

DENTISTRY (TC 106)

ISO/DIS 9693-1, Dentistry - Compatibility testing - Part 1: Metal-ceramic systems - 10/9/2010, $46.00

LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

ISO/DIS 18738-1, Measurement of ride quality - Part 1: Lifts (elevators) - 10/9/2010, $71.00

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

ISO/DIS 12211, Petroleum, petrochemical and natural gas industries - Spiral plate heat exchangers - 10/9/2010, $107.00

MICROBEAM ANALYSIS (TC 202)

ISO/DIS 13067, Microbeam analysis - Electron backscatter diffraction - Measurement of average grain size - 10/9/2010, $77.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 12152, Lubricants, industrial oils and related products - Determination of the foaming and air release properties of industrial gear oils using a spur gear test rig - Flender foam test procedure - 10/14/2010, $46.00

ROAD VEHICLES (TC 22)

ISO/DIS 13209-1, Road vehicles - Open Test sequence eXchange format (OTX) - Part 1: General information and use cases - 10/14/2010, $77.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1125/DAmd1, Rubber compounding ingredients - Carbon black - Determination of ash - Draft Amendment 1 - 10/13/2010, $29.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 27911, Surface chemical analysis - Scanning-probe microscopy - Definition and calibration of the lateral resolution of a near-field optical microscope - 10/11/2010, $71.00

THERMAL INSULATION (TC 163)

ISO/DIS 12569, Thermal performance of buildings and materials - Determination of specific airflow rate in buildings - Tracer gas dilution method - 10/9/2010, $125.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 5775-1, Bicycle tyres and rims - Part 1: Tyre designations and dimensions - 10/13/2010, $77.00

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers).

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 6581:2010, Anodizing of aluminium and its alloys - Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings, $43.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 11990-2:2010, Lasers and laser-related equipment - Determination of laser resistance of tracheal tubes - Part 2: Tracheal tube cuffs, $73.00

ROAD VEHICLES (TC 22)

ISO 4107:2010, Commercial vehicles - Wheel-hub attachment dimensions, $37.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 2781/Amd1:2010, Rubber, vulcanized - Determination of density - Amendment 1: Precision data, $16.00

ISO 7270-1/Amd1:2010, Rubber - Analysis by pyrolytic gas-chromatographic methods - Part 1: Identification of polymers (single polymers and polymer blends) - Amendment 1, $16.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 14237:2010, Surface chemical analysis - Secondary-ion mass spectrometry - Determination of boron atomic concentration in silicon using uniformly doped materials, $98.00

ISO 17331/Amd1:2010, Surface chemical analysis - Chemical methods for the collection of elements from the surface of silicon-wafer working reference materials and their determination by total-reflection X-ray fluorescence (TXRF) spectroscopy - Amendment 1, $16.00

ISO 18115-1:2010, Surface chemical analysis - Vocabulary - Part 1: General terms and terms used in spectroscopy, $206.00

ISO 18115-2:2010, Surface chemical analysis - Vocabulary - Part 2: Terms used in scanning-probe microscopy, $149.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 29383:2010, Terminology policies - Development and implementation, $86.00

TEXTILES (TC 38)

ISO 105-E05:2010, Textiles - Tests for colour fastness - Part E05: Colour fastness to spotting: Acid, $43.00

WATER QUALITY (TC 147)

ISO 21338:2010, Water quality - Kinetic determination of the inhibitory effects of sediment, other solids and coloured samples on the light emission of Vibrio fischeri (kinetic luminescent bacteria test), $104.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-12:2010, Information technology - Multimedia application format (MPEG-A) - Part 12: Interactive music application format, $110.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

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

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)
- business (large/small businesses and consultants)

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

American Chemistry Council (ACC)

The American Chemistry Council (ACC), a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective July 13, 2010. For additional information, please contact: Ms. Susan Blanco, Coordinator, Regulatory & Technical Affairs, American Chemistry Council, 1300 Wilson Boulevard, Arlington, VA 22209; PHONE: (703) 741-5227; FAX: (703) 741-6227; e-mail: susan_blanco@americanchemistry.com.

Approval of Accreditation

Building Performance Institute (BPI)

ANSI's Executive Standards Council has approved the Building Performance Institute (BPI), a full ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its operating procedures for documenting consensus on proposed American National Standards, effective July 13, 2010. For additional information, please contact: Mr. Ralph Justus, Manager of Standards, Building Performance Institute, 1615 M Street, NW, Suite 900, Washington, DC 20036; PHONE: (202) 223-9512; e-mail: RJustus@bpi.org.

Approval of Reaccreditation

Truss Plate Institute (TPI)

ANSI's Executive Standards Council has approved the reaccreditation of the Truss Plate Institute (TPI), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective July 9, 2010. For additional information, please contact: Mr. Jay P. Jones, P.E., Technical Director, Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, VA 22314; PHONE: (703) 683-1010; e-mail: jpjones@tpinst.org.

Call for members

Underwriters Laboratory STP

Underwriters Laboratory, Inc is seeking participation on the Standards Technical Panel for the Standard for Safety for Scaffold Hoists, UL 1323.For inquiries contact: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@us.ul.com.

Maintenance of Accreditation

TechAmerica

At the direction of ANSI's Executive Standards Council, the accreditation of TechAmerica, a full ANSI Organizational Member, has been administratively maintained under operating procedures containing limited revisions under its last date of reaccreditation (April 3, 2008), effective July 9, 2010. For additional information, please contact: Mr. Christopher J. Denham III, Vice President, Standards & Technology, TechAmerica, 1401 Wilson Boulevard, Suite 1100, Arlington, VA 22209; PHONE: (703) 284-5326; e-mail: cdenham@TechAmerica.org.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 105 – Steel wire ropes

The British Standards Institute (BSI) has informed ISO that it wishes to relinquish the secretariat of ISO TC 105 Steel wire ropes. ISO/TC 105 operated under the following scope:

Standardization of steel wire ropes, wire rope terminations and wire rope slings

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI's ISO Team and isot@ansi.org.

Calls for US TAG Administrator

Project Committee on Treated Wastewater Re-use for Irrigation

The ISO Technical Management board has created a new ISO Project Committee on Treated Wastewater Re-use for Irrigation. The secretariat has been assigned to Israel (SII). The new project committee has the following scope:

Standardization in the field of projects management for the reuse of treated wastewater. The standard will deal with the requirements and processes involved in the development of health, environmentally viable and sustainable projects for the reuse of treated wastewater in agriculture, landscape and industry. The standard will state the conditions necessary for the design, construction, operation and maintenance of such projects without endangering or causing damage to the health of the people affected by the projects to the environment, to the soil, or to the crops and to the hydrological situation in the area. The standardization process shall refer to the complex management of all the internal and external elements that affect or can be affected by the implementation of such projects and will refer to other aspects such as:

- wastewater treatment plants: design, building, operation and maintenance requirements,

-treated wastewater distribution and storage systems: design, building, operation and maintenance requirements,

-irrigation systems: design, operation and maintenance requirements,

- wastewater quality suitability to soils and crops,

- wastewater quality demands, specially in hydrological sensible regions.

This International guideline will deal with the management of projects, specifying requirements and procedures to integrate health and environmental aspects into design, operation and development processes of projects related to treated wastewater reuse and the products obtained from such projects.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine, ANSI, at isot@ansi.org.

Technical Committee on Safety of Attractions

The ISO Technical Management board has created a new ISO Technical Committee on Safety of Attractions. The secretariat has been assigned to the Russian Federation (GOST). The new project committee has the following scope:

The new committee will address the various aspects related to safety, including:

- the influence of acceleration and psycho-physiological loadings of attractions on the human body (biomechanical risks)

- safety of machines from the point of view of system interactions "the operator – an attraction"

- attractions include structural elements (the fixed foundations, not dismantled elements), and it is necessary to assess the relevant requirements related to these elements.

- safety requirements of the electronic systems will also be addressed.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine at isot@ansi.org.

Technical Committee on Biogas

The ISO Technical Management board has created a new ISO Technical Committee on Biogas. The secretariat has been assigned to China (SAC). The new project committee has the following scope:

The standards on biogas subject will address the following areas:

- Biogas Glossary;

- Designing, Construction, Commissioning, Check and Test of Small Biogas Facilities (Household Biogas Pool);

- Designing, Construction, Commissioning, Check and Test of Large and Middle Scale Biogas Plants;

- Designing, Manufacturing, Installation, Inspection of Biogas Equipments;

- Designing, Manufacturing, Inspection of Products for Biogas Application;

- Designing, Manufacturing, Installation, Inspection of Equipments and Facilities for Biogas Power Generation;

- Comprehensive Use of Digested Solid and Liquid;

- Appraisal on Technical, Economical and Environmental Benefit of Biogas Facilities.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine, ANSI, at isot@ansi.org.

Sustainability Carpet Assessment
NSF/ANSI 140-2009

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6.3.5.1 Minimization of indoor formaldehyde emissions

A manufacturer may earn one point for meeting this requirement. The maximum concentration for formaldehyde emitted at 96 h in emissions tests (following a 10-d conditioning period), shall not result in a modeled indoor air concentration greater than half the chronic reference exposure level (CREL) established by California Office of Environmental Health Hazard Assessment (OEHHA). Testing shall be in accordance with CA/DHS/EHLB/R-174. Test results in accordance with Green Label Plus methodology (e.g. 24 h test results) for formaldehyde should be below a modeled concentration of 16~~29~~ ug/m^3 at 24 h to ensure that formaldehyde emissions would not exceed the 1/2 CREL of 4.5 ug/m^3 after 10-d conditioning and at 96 h.

Reason: The new value was updated to harmonize with Section 9 of CA/DHS/EHLB/R-174 (Standard Practice, 2004 version).

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