

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	11
Final Actions	14
Project Initiation Notification System (PINS)	17
ANS Maintained Under Continuous Maintenance	20
ANSI-Accredited Standards Developers Contact Information	21

International Standards

ISO Draft Standards	23
ISO and IEC Newly Published Standards	25
Proposed Foreign Government Regulations	28
Information Concerning	29

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

* Standard for consumer products

Comment Deadline: September 21, 2014**EOS/ESD (ESD Association, Inc.)****Revision**

BSR/ESD STM5.5.1-201x, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Component Level (revision of ANSI/ESD STM5.5.1-2008)

The scope and focus of this document pertains to TLP testing techniques of semiconductor components.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Christina Earl, (315) 339-6937, cearl@esda.org

NSF (NSF International)**Revision**

BSR/NSF 60-201x (i61r2), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking water treatment chemicals.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org; scruden@nsf.org

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

BSR/UL 521-201X, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2010)

Document dated 8/22/14 proposes additional requirements for servicing and maintenance protection in section 8.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

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

BSR/UL 854-201X, Standard for Safety for Service-Entrance Cables (Proposal dated 08-22-14) (revision of ANSI/UL 854-2011)

This proposal includes revisions to Tables 14.1, 14.2 and 14.4 to allow XL composite insulation as an inner layer

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

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

BSR/UL 1838-201x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2014)

1. Revision to ambient temperature measurement method.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

Comment Deadline: October 6, 2014**API (American Petroleum Institute)****New National Adoption**

BSR/API RP 2GEO-201x, Metocean Design and Operating Considerations - with Addenda (national adoption with modifications of ISO 19901-4:2003)

This document contains requirements and recommendations for those aspects of geoscience and foundation engineering that are applicable to a broad range of offshore structures, rather than to a particular structure type. Such aspects are site characterization, soil and rock characterization, design and installation of foundations supported by the seabed (shallow foundations), identification of hazards, and design of pile foundations. Aspects of soil mechanics and foundation engineering that apply equally to offshore and onshore structures are not addressed. The user of this part of this document is expected to be familiar with such aspects.

Single copy price: \$25.00

Obtain an electronic copy from: Benjamin Coco (cocob@api.org)

Order from: Benjamin Coco, (202) 682-8056, cocob@api.org

Send comments (with copy to psa@ansi.org) to: Same

API (American Petroleum Institute)**New National Adoption**

BSR/API Recommended Practice 2EQ-201x, Seismic Design Procedures for Offshore Structures (national adoption with modifications of ISO 19901-2:2004)

This standard contains requirements for defining the seismic design procedures and criteria for offshore structures. The requirements are applicable to fixed steel structures and fixed concrete structures. The effects of seismic events on floating structures and partially buoyant structures are also briefly discussed. The site-specific assessment of jack-ups in elevated condition is only covered to the extent that the requirements are applicable.

Single copy price: \$25.00

Obtain an electronic copy from: Roland Goodman (goodmanr@api.org)

Order from: Roland Goodman, (202) 682-8571, goodmanr@api.org

Send comments (with copy to psa@ansi.org) to: Same

API (American Petroleum Institute)**New National Adoption**

BSR/API Spec 11D1/ISO 14310, 3rd Edition-201x, Packers and Bridge Plugs (national adoption of ISO 14310:2008 with modifications and revision of ANSI/API Spec 11D1/ISO 14310, 2nd Edition-2009)

This specification provides requirements and guidelines for packers and bridge plugs as defined in this standard for use in the petroleum and natural gas industry. This specification provides requirements for the functional specification and technical specification, including design, design verification and validation, materials, documentation and data control, repair, shipment, and storage. In addition, products covered by this specification apply only to applications within a conduit. Installation and maintenance of these products are outside the scope of this specification.

NOTE: The new annexes pertain to HPHT and external flow testing requirements.

Single copy price: Free

Obtain an electronic copy from: hefflinger@api.org

Order from: Patrick Hefflinger, (202) 682-8000, hefflinger@api.org

Send comments (with copy to psa@ansi.org) to: Katie Burkle, (202) 682-8507, burkle@api.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR ATIS 1000060-201x, Emergency Telecommunications Service (ETS): Long Term Evolution (LTE) Access Network Security Requirements for National Security/Emergency Preparedness (NS/EP) Next Generation Network (NGN) Priority Services (new standard)

The integrity, confidentiality, and availability of Emergency Telecommunication Service (ETS) in a multi-provider Next Generation Network (NGN) environment will depend on the security of each individual network involved in an end-to-end communication. To allow network provided security of end-to-end ETS communications in a multi-provider environment, intra-network domain and inter-network domain security requirements for ETS protection are needed. This ATIS standard provides a minimum set of requirements for the security protection of NS/EP NGN-PS in LTE Access Networks.

Single copy price: \$385.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to psa@ansi.org) to: Same

AWC (American Wood Council)

Revision

BSR/AWC WFCM-201x, Wood Frame Construction Manual for One and Two-Family Dwellings (revision of ANSI/AWC WFCM-2012)

The WFCM provides engineered and prescriptive design requirements for wood frame construction used in one and two-family dwellings constructed in high-wind, seismic, and snow regions.

Single copy price: \$25.00

Obtain an electronic copy from: awcinfo@awc.org

Order from: Lacey Merriman, (202) 463-2766, lmerriman@awc.org

Send comments (with copy to psa@ansi.org) to: Bradford Douglas, (202) 463-2770, bdouglas@awc.org

AWS (American Welding Society)

Addenda

BSR/AWS B5.1-2012-AMD1-201x, Specification for the Qualification of Welding Inspectors (addenda to ANSI/AWS B5.1-2012)

This standard defines the qualification requirements to qualify welding inspectors. The qualification requirements for visual welding inspectors include experience and satisfactory completion of an examination, which includes demonstrated capabilities, and proof of visual acuity. The examination tests the inspector's knowledge of welding processes, welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols, reports, welding metallurgy, related mathematics, safety, quality assurance, and responsibilities.

Single copy price: \$26.00

Obtain an electronic copy from: steveh@aws.org

Order from: Stephen Hedrick, (305) 443-9353, steveh@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWS (American Welding Society)

New Standard

BSR/AWS B5.2-201X, Specification for the Training, Qualification, and Company Certification of Welding Inspector Specialists and Welding Inspector Assistants (new standard)

This specification defines the requirements and program for an employer (company) to train, qualify, and company-certify Welding Inspector Specialists and Welding Inspector Assistants to contract- or industry-specific inspector standards. The program is developed as a written practice and controlled by an employer. The qualification requires documentation of experience, training, and satisfactory completion of an examination.

Single copy price: \$26.00

Obtain an electronic copy from: steveh@aws.org

Order from: Stephen Hedrick, (305) 443-9353, steveh@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

ECA (Electronic Components Association)

Revision

BSR/EIA 364-38D-201x, Cable Pull-Out Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-38C-2008)

This standard establishes a test method to determine the axial tensile load that can be applied to a mated pair of connectors and the holding effect of a connector cable clamp without causing any detrimental effects upon the cable or connector when subjected to inadvertent axial tensile loads.

Single copy price: \$69.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

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

Reaffirmation

INCITS/ISO/IEC 9541-4:2009 [R2014], Information Technology - Font Information Interchange - Part 4: Application-Specific Extensions (reaffirmation of INCITS/ISO/IEC 9541-4:2009 [2009])

ISO/IEC 9541 specifies the architecture of font resources, as well as the formats for font interchange among information processing systems. It also specifies the architecture and formats that can be used to construct font references in general electronic document interchange. ISO/IEC 9541-4:2009 specifies the correspondences between ISO/IEC 9541 font resource and ISO/IEC 14496-22 Open Font Format file (OFF), to define ISO/IEC 9541 font resource from a given OFF file. The classification (required or optional), syntax, and possible values of the properties are defined in ISO/IEC 9541-1 and ISO/IEC 9541-2.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 13250-2:2006 [R2014], Information Technology - Topic Maps - Data Model (reaffirmation of INCITS/ISO/IEC 13250-2:2006 [2009])
ISO/IEC 13250-2:2006 specifies the Topic Maps data model. It defines the abstract structure and interpretation of topic maps, the rules for merging topic maps and a set of fundamental subject identifiers. The purpose of the data model is to define the interpretation of the Topic Maps interchange syntax, and to serve as a foundation for the definition of supporting standards for canonicalization, querying, constraints, etc.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 13250-4:2009 [R2014], Information Technology - Topic Maps - Canonical Syntax (reaffirmation of INCITS/ISO/IEC 13250-4:2009 [2009])

ISO/IEC 13250-4:2009 defines a format known as Canonical XTM, or CXTM for short. The format is an XML format, and has the property that it guarantees that two equivalent Topic Maps Data Model instances (ISO/IEC 13250-2) will always produce byte-by-byte identical serializations, and that non-equivalent instances will always produce different serializations. CXTM thus enables direct comparison of two topic maps to determine equality by comparison of their canonical serializations.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 19757-2:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG (reaffirmation of INCITS/ISO/IEC 19757-2:2008 [2009])

ISO/IEC 19757-2:2008 specifies RELAX NG, a schema language for XML. A RELAX NG schema specifies a pattern for the structure and content of an XML document. The pattern is specified by using a regular tree grammar. It establishes requirements for RELAX NG schemas and specifies when an XML document matches the pattern specified by a RELAX NG schema.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 19757-8:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 8: Declarative document manipulation (reaffirmation of INCITS/ISO/IEC 19757-8:2008 [2009])

ISO/IEC 19757-8:2008 specifies a mechanism that allows users to assign locally meaningful names to XML elements, attributes, entities and processing instructions, without having to completely rewrite the Document Type Definition (DTD) or schema against which they are to be validated. In addition, ISO/IEC 19757-8:2008 provides an XML-based format for declaring the replacement text for entity references and provides a mechanism that allows users to define default values for both element content and attribute values.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 19757-9:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 9: Datatypes and namespace-aware DTDs (reaffirmation of INCITS/ISO/IEC 19757-9:2008 [2009])

ISO/IEC 19757-9:2008 defines a language that is designed to extend the declarative functionality of an XML Document Type Definition (DTD) to include declaring one or more namespaces to which some or all of the element and attribute names in a DTD belong, declaring constraints on the content of elements with content model ANY to contain elements whose names belong to one or more specified namespaces, declaring datatypes for elements that contain data content only and for attribute values.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Reaffirmation

INCITS/ISO/IEC 13240:2001 [R2014], Information Technology - Document description and processing languages - Interchange Standard for Modifiable Interactive Documents (ISMID) (reaffirmation of INCITS/ISO/IEC 13240-2009)

This International Standard, known as the Interchange Standard for Multimedia Interactive Documents or ISMID, facilitates the interchange of Multimedia Interactive Documents (MIDs) among heterogeneous interactive document development and delivery systems by providing the architecture from which common interchange languages can be created. ISMID is a client architecture of International Standard ISO/IEC 10744:1997, Information technology - Hypermedia/Time-based Structuring Language (HyTime) and is an SGML application conforming to International Standard ISO 8879 - Standard Generalized Markup Language.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Revision

INCITS/ISO/IEC 13240:2001/COR1:2003 [R2014], Information Technology - Document description and processing languages - Interchange Standard for Modifiable Interactive Documents (ISMID) - Technical Corrigendum (revision of INCITS/ISO/IEC 13240:2001/COR1-2009)

This International Standard, known as the Interchange Standard for Multimedia Interactive Documents or ISMID, facilitates the interchange of Multimedia Interactive Documents (MIDs) among heterogeneous interactive document development and delivery systems by providing the architecture from which common interchange languages can be created. ISMID is a client architecture of International Standard ISO/IEC 10744:1997, Information technology - Hypermedia/Time-based Structuring Language (HyTime) and is an SGML application conforming to International Standard ISO 8879 - Standard Generalized Markup Language.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO 8879:1986 [S2014], Information Processing - Text and Office Systems - Standard Generalized Markup (stabilized maintenance of INCITS/ISO 8879-1986 [R2009])

This International Standard:

- Specifies an abstract syntax known as the Standard Generalized Markup Language (SGML). The language expresses the description of a document's structure and other attributes, as well as other information that makes the markup interpretable;
- Specifies a reference concrete syntax that binds the abstract syntax to specific characters and numeric values, and criteria for defining variant concrete syntaxes; and
- Defines conforming documents in terms of their use of components of the language.

Single copy price: \$60

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO 9069:1988 [S2014], Information Processing - SGML Support Facilities - SGML Document Interchange Format (SDIF) (stabilized maintenance of INCITS/ISO 9069-1988 [R2009])

This International Standard specifies a data structure known as the SGML Document Interchange Format (SDIF). SDIF enables a document conforming to ISO 8879, which might be stored in several entities, to be packed into a data stream for interchange in a manner that will permit the recipient to reconstitute the separate entities. SDIF also allows related documents to be included in the data stream, such as covering letters, transmittal forms, catalog cards, formatting procedures, or the "document profile" required by a document architecture.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 9070:1991 [S2014], Information technology - SGML support facilities - Registration Procedures for Public Text Owner Identifiers (stabilized maintenance of INCITS/ISO/IEC 9070:1991 [R2009])

This second edition cancels and replaces the first edition (ISO/IEC 9070:1990). Has been developed to support the use of the SGML, defined in ISO 8879, and other text description and processing languages. Describes the procedures whereby assignments of owner prefixes to owners of public text are made. Annexes A, B, C, and D are for information only.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 10036:1996 [S2014], Information technology - Font Information Interchange - Procedure for the Registration of Font-Related Identifiers (stabilized maintenance of INCITS/ISO/IEC 10036:1996 [R2009])

This International Standard specifies the procedures to be followed by a Registration Authority in preparing, maintaining, and publishing registers of identifiers which identify font-related objects. The objective of this International Standard is to provide a single point of contact for registration requests and for users to obtain information about the object registered (central registration within the registration authority's organization is not required, but a central point of contact is required).

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 10179:1996 [S2014], Information technology - Text Composition: Document Style Semantics and Specification Language (DSSSL) (stabilized maintenance of INCITS/ISO/IEC 10179:1996 [R2009])

Specifies the processing of valid Standard Generalized Markup Language (SGML) documents. Document Style Semantics and Specification Language (DSSSL) defines the semantics, syntax, and processing model of languages for the specification of documentation processing. Provides means for externalization of style characteristics and other techniques for associating style information with an SGML document.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 10180:1995 [S2014], Information technology - Text Composition - Standard Page Description Language (SPDL) (stabilized maintenance of INCITS/ISO/IEC 10180:1995 [R2009])

Defines a language for the specification of electronic documents, comprised of black and white, gray scale, or full color text, images, and geometric graphics, in a form suitable for presentation (printing or displaying on other suitable media).

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 10179:1996/AM 1:2003 [S2014], Information technology - Text Composition - Document Style Semantics and Specification Language (DSSSL) - Amendment 1: Extensions to DSSSL (stabilized maintenance of INCITS/ISO/IEC 10179:1996/AM 1:2003 [R2009])

These extensions to DSSSL amend ISO/IEC 10179:1996. ISO/IEC 10179:1996 specifies the processing of valid Standard Generalized Markup Language (SGML) documents. Document Style Semantics and Specification Language (DSSSL) defines the semantics, syntax, and processing model of languages for the specification of documentation processing. Provides means for externalization of style characteristics and other techniques for associating style information with an SGML document.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

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 (withdrawal of INCITS/ISO/IEC TR 9573-13:2010)

This Technical Specification specifies requirements for a coding structure for describing adverse events related to medical devices. This code is intended for use by medical device users, manufacturers and regulatory authorities.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 19795-3:2007 [2009], Information technology - Biometric Performance Testing and Reporting - Part 3: Modality-Specific Testing (withdrawal of INCITS/ISO/IEC TR 19795-3:2007 [2009])

In biometric performance testing and reporting, careful consideration needs to be given to the characteristic differences of each modality (fingerprint, face, iris, etc.). These differences naturally require variations within the general methodology defined in ISO/IEC 19795-1. ISO/IEC TR 19795-3:2007 describes the methodologies relating to these modality-dependent variations. It presents and defines methods for determining, given a specific biometric modality, how to develop a technical performance test.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 22250-1:2002 [2010], Information technology - Document description and processing languages - Regular Language Description for XML (RELAX) - Part 1: RELAX Core (withdrawal of INCITS/ISO/IEC TR 22250-1:2002 [2010])

This Technical Report gives mechanisms for formally specifying the syntax of XML-based languages. For example, the syntax of XHTML 1.0 can be specified in RELAX. Compared with DTDs, RELAX provides the following advantages: (a) Specification in RELAX uses XML instance (i.e., document) syntax, (b) RELAX provides rich datatypes, and (c) RELAX is namespace-aware.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 29794-4:2010 [2010], Information technology - Biometric Sample Quality - Part 4: Finger image data (withdrawal of INCITS/ISO/IEC TR 29794-4:2010 [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: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 29794-5:2010 [2010], Information technology - Biometric Sample Quality - Part 5: Face image data (withdrawal of INCITS/ISO/IEC TR 29794-5:2010 [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: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 9573:1988 [2010], Information processing - SGML support facilities - Techniques for using SGML (withdrawal of INCITS/ISO/IEC TR 9573:1988 [2010])

This Technical Report complements ISO 8879 by providing additional tutorial information. It is not intended, and should not be regarded, as an extension, modification, or interpretation of ISO 8879. The SGML language contains a number of components, some of which are optional features. The tutorial information covers the main components of the language only; notably a discussion of LINK, CONCUR, and DATATAG is outside the scope of this Technical Report.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 15413:2001 [2010], Information Technology - Font Services - Part 1: Abstract Service Definition (withdrawal of INCITS/ISO/IEC TR 15413:2001 [2010])

This Technical Report provides the access facilities which can be used for creation, distribution, management, and use of font resources conforming to the architecture of ISO/IEC 9541. This Technical Report is intended to be used in a variety of configurations meeting a variety of connectivity needs, including communication protocols, application programming interfaces, and application services.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 19758:2003 [2010], Information technology - Document description and processing languages - DSSSL Library for complex compositions (withdrawal of INCITS/ISO/IEC TR 19758:2003 [2010])

ISO/IEC TR 19758:2003 provides a DSSSL (ISO/IEC 10179:1996) library that makes it feasible to describe DSSSL specification for documents described by SGML (ISO 8879:1986) or XML (Extensible Markup Language). The DSSSL library contains the simple parameter data and the four files: full parameter generator; function set; page model set; and flow object construction rules. Their actual data are specified in ISO/IEC TR 19758:2003.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 24722:2007 [2009], Information technology - Technical Report on Multi-Modal and other Multi-Biometric Fusion (withdrawal of INCITS/ISO/IEC TR 24722-2009)

ISO/IEC TR 24722:2007 provides a description of and analysis of current practice on multimodal and other multibiometric fusion, including (as appropriate) reference to a more detailed description. It also discusses the need for, and possible routes to, standardization to support multibiometric systems.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 24741:2007 [2009], Information technology - Technical Report for a Biometrics Tutorial (withdrawal of INCITS/ISO/IEC TR 24741:2007 [2009])

ISO/IEC TR 24741:2007 describes the main biometric technologies, with some historical information. An annex describes the work of creating International Standards for biometrics and provides a layered model for the placement of the various International Standards being produced, with a short description of each. A second annex contains some of the terms and definitions currently used in these International Standards or the drafts of these International Standards.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 19758:2003/AM 1:2005 [2010], Information technology - Document description and processing languages -- DSSSL library for complex compositions - Amendment 1: Extensions to basic composition (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM 1:2005 [2010])

These extensions to basic composition styles and tables amend ISO/IEC TR 19758:2003. ISO/IEC TR 19758:2003 provides a DSSSL (ISO/IEC 10179:1996) library that makes it feasible to describe DSSSL specification for documents described by SGML (ISO 8879:1986) or XML (Extensible Markup Language). The DSSSL library contains the simple parameter data and the four files: full parameter generator; function set; page model set; and flow object construction rules. Their actual data are specified in ISO/IEC TR 19758:2003.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 19758:2003/AM2:2005 [2010], Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 2: Extensions to multilingual compositions (South-East Asian compositions) (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM2:2005 [2010])

These extensions to multilingual compositions (South-East Asian compositions) amend ISO/IEC TR 19758:2003. ISO/IEC TR 19758:2003 provides a DSSSL (ISO/IEC 10179:1996) library that makes it feasible to describe DSSSL specification for documents described by SGML (ISO 8879:1986) or XML (Extensible Markup Language). The DSSSL library contains the simple parameter data and the four files: full parameter generator; function set; page model set; and flow object construction rules. Their actual data are specified in ISO/IEC TR 19758:2003.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 19758:2003/AM3:2005 [2010], Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 3: Extensions to Multilingual Compositions (North and South Asian Compositions) (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM3:2005 [2010])

These extensions to Multilingual Compositions (North and South Asian Compositions) amend ISO/IEC TR 19758:2003. ISO/IEC TR 19758:2003 provides a DSSSL (ISO/IEC 10179:1996) library that makes it feasible to describe DSSSL specification for documents described by SGML (ISO 8879:1986) or XML (Extensible Markup Language). The DSSSL library contains the simple parameter data and the four files: full parameter generator; function set; page model set; and flow object construction rules. Their actual data are specified in ISO/IEC TR 19758:2003.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR-19075-1:2011 [2012], Information technology - Database languages - SQL Technical Reports - Part 1: XQuery Regular Expression Support in SQL (withdrawal of INCITS/ISO/IEC TR-19075-1:2011 [2012])

Describes the regular expression support in SQL adopted from the regular expression syntax of XQuery 1.0 and XPath 2.0 Functions and Operators (Second Edition), which is derived from Perl. It discusses five operators using this regular expression syntax:

- (1) LIKE_REGEX predicate, to determine the existence of a match to a regular expression;
- (2) OCCURRENCES_REGEX numeric function, to determine the number of matches to a regular expression;
- (3) POSITION_REGEX function, to determine the position of a match;
- (4) SUBSTRING_REGEX function, to extract a substring matching a regular expression; and
- (5) TRANSLATE_REGEX function, to perform replacements using a regular expression.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR-24714-1:2008 [2009], Information technology - Biometrics - Jurisdictional and societal considerations for commercial applications -- Part 1: General guidance (withdrawal of INCITS/ISO/IEC TR -24714-1:2008 [2009])

ISO/IEC TR 24714-1:2008 gives guidelines for the stages in the life cycle of a system's biometric and associated elements. This covers the following: the capture and design of initial requirements, including legal frameworks; development and deployment; operations, including enrollment and subsequent usage; interrelationships with other systems; related data storage and security of data; data updates and maintenance; training and awareness; system evaluation and audit; and controlled system expiration.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR-9573-11:2004 [2010], Information processing - SGML support facilities - Part 11: Structure descriptions and style specifications for standards document interchange (withdrawal of INCITS/ISO/IEC TR-9573-11:2004 [2010])

ISO/IEC TR 9573-11:2004 defines the document structures and style specifications for standards document interchange (in particular, ISO standards). Element types and attributes for ISO standards are defined and two profiles (a database-oriented profile and a document-oriented profile) are provided. The document structures are described by: an SGML (ISO 8879) DTD, an XML DTD, and a RELAX NG (ISO/IEC 19757-2) schema.

Single copy price: \$60.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

MSS (Manufacturers Standardization Society)***New Standard***

BSR/MSS SP-134-201x, Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions (new standard)

This Standard Practice covers requirements for material, design, dimensions, fabrication, non-destructive examination and pressure testing of stainless steel and other alloy cryogenic service valves with body/bonnet extensions. Requirements for check valves for cryogenic service, which may not require body/bonnet extensions, are also covered. This standard applies to cryogenic gate, globe, butterfly, ball, and check valves, and may be used in conjunction with other valve-specific standards; including the following identified in this Standard Practice as a parent standard: ASME B16.34, API 600, API 602, API 603, API 608, API 609, and API 6D (identical to ISO 14313).

Single copy price: \$138.00

Obtain an electronic copy from: <http://mss-hq.org/Store/PriceList.cfm>

Order from: Michelle Pennington (mpennington@mss-hq.org)

Send comments (with copy to psa@ansi.org) to: Robert O'Neill, (703) 281-6613, boneill@mss-hq.org

MSS (Manufacturers Standardization Society)***New Standard***

BSR/MSS SP-144-201x, Pressure Seal Bonnet Valves (new standard)

This Standard Practice covers construction requirements for steel and alloy valves having pressure seal bonnets in the size range of NPS 2 (DN 50) through NPS 50 (DN 1250) and Pressure Classes 600, 900, 1500, 2500, and 4500. This standard applies to gate, globe, and check valves and may be used in conjunction with other valve-specific standards; including the following identified in this Standard Practice as parent valve standards: API 594, API 600, API 603, API 623, and ASME B16.34.

Single copy price: \$109.00

Obtain an electronic copy from: <http://mss-hq.org/Store/PriceList.cfm>

Order from: Michelle Pennington (mpennington@mss-hq.org)

Send comments (with copy to psa@ansi.org) to: Robert O'Neill, (703) 281-6613, boneill@mss-hq.org

PLASA (PLASA North America)***New Standard***

BSR E1.47-201x, Recommended Guidelines for Entertainment Rigging System Inspections (new standard)

The standard offers guidance on inspecting entertainment rigging systems, which are systems used to lift and support scenery, luminaires, and other equipment overhead in entertainment venues, such as theatres, video/film studios, amphitheatres, and arenas used for live performances or special events.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)***New Standard***

BSR/TIA 102.BAJB-A-201x, Project 25 Tier 1 Location Services (new standard)

The Tier 1 Location Service provides a simple SU-to-SU interface for the Direct Data and Repeated Data configurations. It utilizes a dedicated Service Access Point over the Common Air Interface to transport location information formatted as described in NMEA 0183, a commonly used location protocol. This service is appropriate for real-time field incident applications where the Location Service Host is resident on a portable device. It does not provide a mechanism to give location information to a host device on a fixed network and does not support more advanced configuration of triggering and reporting.

Single copy price: \$88.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)***New Standard***

BSR/TIA 102.BAJC-A-201x, Tier 2 Location Services Specification (new standard)

The Tier 2 Location Service provides a location request/response protocol that allows a Location Service Host to make a request for location information from an SU or MDP, providing parameters that control the transmission of location information. Immediate or periodic reports can be requested, and reports can be requested base on triggering events. The service can be used between SUs in the Direct Data or Repeated Data configurations, or between an SU and a DH in the Conventional FNE Data or Trunked FNE Data configurations. The location information is provided in an XML-based protocol and is compressed using using the W3C EXI recommendation.

Single copy price: \$256.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)***Reaffirmation***

BSR/TIA 455-16-A-201x (R201x), Salt Spray (Corrosion) Test for Fiber Optic Components (reaffirmation of ANSI/TIA 455-16-A-2000 (R2008))

This document describes a test method intended to determine the effects of a controlled salt-laden atmosphere on fiber optic interconnecting devices, finishes, and mechanisms.

Single copy price: \$88.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-71-A-201x (R201x), Procedure to Measure Temperature-Shock Effects on Fiber Optic Components (reaffirmation of ANSI/TIA 455-71-A-1999 (R2008))

This document describes a procedure to define the exposure conditions for testing resistance of fiber optic components to temperature shock. It also outlines the general approach used for measuring and evaluating the ability of a fiber optic component to withstand sudden changes of ambient temperature that could arise during shipment, storage, or use.

Single copy price: \$88.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

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

BSR/UL 72-201x, Standard for Tests for Fire Resistance of Record Protection Equipment (revision of ANSI/UL 72-2005 (R2009))

Revisions to update the document with current practices as well as include new diagrams that are helpful to the user in setting up and conducting the testing.

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 psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

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

BSR/UL 1786-201x, Standard for Safety for Direct Plug-In Nightlights (revision of ANSI/UL 1786-2012)

The following changes in requirements to the Standard for Direct Plug-In Nightlights, UL 1786, are being proposed:

- (1) Revise polarization requirements for nightlights provided with switches;
- (2) Add reference to UL 8750 requirements for isolated output LED drivers;
- (3) Revise paragraph 11.5.1 to include cadmium sulfide photocells;
- (4) Add ballast construction requirements to correlate with UL 935;
- (5) Add requirements for nightlights with vessels containing liquid;
- (6) Revise paragraph 1.3 to exclude direct plug in devices such as plasma light; and
- (7) Propose additional testing to determine suitability of mechanism and contacts of devices that rotate to accommodate receptacle orientation (add 7.7.4, 11.11, and 11.12).

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 psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

Comment Deadline: October 21, 2014**UL (Underwriters Laboratories, Inc.)****New Standard**

BSR/UL 62841-1-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 1: General Requirements (new standard)

(1) Proposed adoption of the first edition of IEC 62841-1, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 1: General Requirements, as the first edition of UL 62841-1.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

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:

NFSI (National Floor Safety Institute)

BSR/NFSI B101.3-201x, Test Method for Measuring Wet DCOF of Common Hard-Surface Floor Materials (Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values) (revision of ANSI/NFSI B101.3-2012)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

NSF (NSF International)

ANSI/NSF 177-2004 (i1), Shower Filtration systems (i1)

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.

ECA (Electronic Components Association)

Office: 2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-38D-201x, Cable Pull-Out Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-38C-2008)

Obtain an electronic copy from: global.ihs.com (877) 413-5184

ISA (International Society of Automation)

Office: PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 75.08.02-201x, Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.02-2003 (R2009))

BSR/ISA 75.25.01-201x, Test Procedure for Control Valve Response Measurement from Step Inputs (revision of ANSI/ISA 75.25.01-2001 (R2010))

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

INCITS 541-201x, Information technology - Automation/Drive Interface Commands - 4 (ADC-4) (new standard)

INCITS 542-201x, Information technology - Automation/Drive Interface Transport Protocol - 3 (ADT-3) (new standard)

INCITS/ISO 8879:1986 [S2014], Information Processing - Text and Office Systems - Standard Generalized Markup (stabilized maintenance of INCITS/ISO 8879-1986 [R2009])

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

INCITS/ISO 9069:1988 [S2014], Information Processing - SGML Support Facilities - SGML Document Interchange Format (SDIF) (stabilized maintenance of INCITS/ISO 9069-1988 [R2009])

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

INCITS/ISO/IEC 9541-4:2009 [R2014], Information Technology - Font Information Interchange - Part 4: Application-Specific Extensions (reaffirmation of INCITS/ISO/IEC 9541-4:2009 [2009])

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

INCITS/ISO/IEC 13250-2:2006 [R2014], Information Technology - Topic Maps - Data Model (reaffirmation of INCITS/ISO/IEC 13250-2:2006 [2009])

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

INCITS/ISO/IEC 13250-4:2009 [R2014], Information Technology - Topic Maps - Canonical Syntax (reaffirmation of INCITS/ISO/IEC 13250-4:2009 [2009])

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

INCITS/ISO/IEC 19757-2:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG (reaffirmation of INCITS/ISO/IEC 19757-2:2008 [2009])

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

INCITS/ISO/IEC 19757-8:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 8: Declarative document manipulation (reaffirmation of INCITS/ISO/IEC 19757-8:2008 [2009])

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

INCITS/ISO/IEC 19757-9:2008 [R2014], Information technology - Document Schema Definition Language (DSDL) - Part 9: Datatypes and namespace-aware DTDs (reaffirmation of INCITS/ISO/IEC 19757-9:2008 [2009])

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

INCITS/ISO/IEC 19508:2014, Information technology - Object Management Group Meta Object Facility (MOF) Core (identical national adoption of ISO/IEC 19508:2014)

INCITS/ISO/IEC 19509:2014, Information technology - Object Management Group XML Metadata Interchange (XMI) (identical national adoption of ISO/IEC 19509:2014)

INCITS/ISO/IEC 9070:1991 [S2014], Information technology - SGML support facilities - Registration Procedures for Public Text Owner Identifiers (stabilized maintenance of INCITS/ISO/IEC 9070:1991 [R2009])

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

INCITS/ISO/IEC 10036:1996 [S2014], Information technology - Font Information Interchange - Procedure for the Registration of Font-Related Identifiers (stabilized maintenance of INCITS/ISO/IEC 10036:1996 [R2009])

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

INCITS/ISO/IEC 10179:1996 [S2014], Information technology - Text Composition: Document Style Semantics and Specification Language (DSSSL) (stabilized maintenance of INCITS/ISO/IEC 10179:1996 [R2009])

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

INCITS/ISO/IEC 10180:1995 [S2014], Information technology - Text Composition - Standard Page Description Language (SPDL) (stabilized maintenance of INCITS/ISO/IEC 10180:1995 [R2009])

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

INCITS/ISO/IEC 13240:2001 [R2014], Information Technology - Document description and processing languages - Interchange Standard for Modifiable Interactive Documents (ISMID) (reaffirmation of INCITS/ISO/IEC 13240-2009)

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

INCITS/ISO/IEC 10179:1996/AM 1:2003 [S2014], Information technology - Text Composition - Document Style Semantics and Specification Language (DSSSL) - Amendment 1: Extensions to DSSSL (stabilized maintenance of INCITS/ISO/IEC 10179:1996/AM 1:2003 [R2009])

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

INCITS/ISO/IEC 13240:2001/COR1:2003 [R2014], Information Technology - Document description and processing languages - Interchange Standard for Modifiable Interactive Documents (ISMID) - Technical Corrigendum (revision of INCITS/ISO/IEC 13240:2001/COR1-2009)

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

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 (withdrawal of INCITS/ISO/IEC TR 9573-13:2010)

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

INCITS/ISO/IEC TR 19795-3:2007 [2009], Information technology - Biometric Performance Testing and Reporting - Part 3: Modality-Specific Testing (withdrawal of INCITS/ISO/IEC TR 19795-3:2007 [2009])

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

INCITS/ISO/IEC TR 22250-1:2002 [2010], Information technology - Document description and processing languages - Regular Language Description for XML (RELAX) - Part 1: RELAX Core (withdrawal of INCITS/ISO/IEC TR 22250-1:2002 [2010])

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

INCITS/ISO/IEC TR 29794-4:2010 [2010], Information technology - Biometric Sample Quality - Part 4: Finger image data (withdrawal of INCITS/ISO/IEC TR 29794-4:2010 [2010])

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

INCITS/ISO/IEC TR 29794-5:2010 [2010], Information technology - Biometric Sample Quality - Part 5: Face image data (withdrawal of INCITS/ISO/IEC TR 29794-5:2010 [2010])

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

INCITS/ISO/IEC TR 9573:1988 [2010], Information processing - SGML support facilities - Techniques for using SGML (withdrawal of INCITS/ISO/IEC TR 9573:1988 [2010])

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

INCITS/ISO/IEC TR 15413:2001 [2010], Information Technology - Font Services - Part 1: Abstract Service definition (withdrawal of INCITS/ISO/IEC TR 15413:2001 [2010])

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

INCITS/ISO/IEC TR 19758:2003 [2010], Information technology - Document description and processing languages - DSSSL Library for complex compositions (withdrawal of INCITS/ISO/IEC TR 19758:2003 [2010])

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

INCITS/ISO/IEC TR 24722:2007 [2009], Information technology - Technical Report on Multi-Modal and Other Multi-Biometric Fusion (withdrawal of INCITS/ISO/IEC TR 24722-2009)

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

INCITS/ISO/IEC TR 24741:2007 [2009], Information technology - Technical Report for a Biometrics Tutorial (withdrawal of INCITS/ISO/IEC TR 24741:2007 [2009])

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

INCITS/ISO/IEC TR 19758:2003/AM 1:2005 [2010], Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 1: Extensions to basic composition (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM 1:2005 [2010])

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

INCITS/ISO/IEC TR 19758:2003/AM2:2005 [2010], Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 2: Extensions to multilingual compositions (South-East Asian compositions) (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM2:2005 [2010])

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

INCITS/ISO/IEC TR 19758:2003/AM3:2005 [2010], Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 3: Extensions to Multilingual Compositions (North and South Asian Compositions) (withdrawal of INCITS/ISO/IEC TR 19758:2003/AM3:2005 [2010])

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

INCITS/ISO/IEC TR-19075-1:2011 [2012], Information technology - Database languages - SQL Technical Reports - Part 1: XQuery Regular Expression Support in SQL (withdrawal of INCITS/ISO/IEC TR-19075-1:2011 [2012])

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

INCITS/ISO/IEC TR-24714-1:2008 [2009], Information technology - Biometrics - Jurisdictional and societal considerations for commercial applications - Part 1: General guidance (withdrawal of INCITS/ISO/IEC TR-24714-1:2008 [2009])

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

INCITS/ISO/IEC TR-9573-11:2004 [2010], Information processing - SGML support facilities - Part 11: Structure descriptions and style specifications for standards document interchange (withdrawal of INCITS/ISO/IEC TR-9573-11:2004 [2010])

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

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602

Contact: Robert O'Neill

Phone: (703) 281-6613

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-134-201x, Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions (new standard)

Obtain an electronic copy from: <http://mss-hq.org/Store/PriceList.cfm>

BSR/MSS SP-144-201x, Pressure Seal Bonnet Valves (new standard)

Obtain an electronic copy from: <http://mss-hq.org/Store/PriceList.cfm>

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Marianna Kramarikova*

Phone: (703) 907-7743

E-mail: standards@tiaonline.org

BSR/TIA 102.BAJB-A-201x, Project 25 Tier 1 Location Services (new standard)

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 102.BAJC-A-201x, Tier 2 Location Services Specification (new standard)

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 455-16-A-201x (R201x), Salt Spray (Corrosion) Test for Fiber Optic Components (reaffirmation of ANSI/TIA 455-16-A-2000 (R2008))

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 455-71-A-201x (R201x), Procedure to Measure Temperature-Shock Effects on Fiber Optic Components (reaffirmation of ANSI/TIA 455-71-A-1999 (R2008))

Obtain an electronic copy from: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Ritu Madan*

Phone: (847) 664-3297

E-mail: ritu.madan@ul.com

BSR/UL 72-201x, Standard for Tests for Fire Resistance of Record Protection Equipment (revision of ANSI/UL 72-2005 (R2009))

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

BSR/UL 521-201X, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2010)

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

BSR/UL 854-201X, Standard for Safety for Service-Entrance Cables (Proposal dated 08-22-14) (revision of ANSI/UL 854-2011)

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

BSR/UL 1838-201x, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2014)

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

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.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI 11663-2014, Quality of dialysis fluid for haemodialysis and related therapies (national adoption of ISO 11663:2014 with modifications and revision of ANSI/AAMI/ISO 11663-2009 (Ed1)): 8/8/2014

ANSI/AAMI 13958-2014, Concentrates for haemodialysis and related therapies (national adoption of ISO 13958:2014 with modifications and revision of ANSI/AAMI/ISO 13958-2009): 8/15/2014

ANSI/AAMI 13959-2014, Water for haemodialysis and related therapies (national adoption of ISO 13959:2014 with modifications and revision of ANSI/AAMI/ISO 13959-2009): 8/15/2014

ANSI/AAMI 23500-2014, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (national adoption of ISO 23500:2014 with modifications and revision of ANSI/AAMI/ISO 23500-2011): 8/15/2014

ANSI/AAMI 26722-2014, Water treatment equipment for haemodialysis applications and related therapies (national adoption of ISO 26722:2014 with modifications and revision of ANSI/AAMI/ISO 26722-2009): 8/8/2014

ANSI/AAMI/ISO 10993-3-2014, Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (identical national adoption of and revision of ANSI/AAMI/ISO 10993-3-2003 (R2013)): 8/14/2014

AGA (ASC Z223) (American Gas Association)

Revision

ANSI Z223.1/NFPA 54-2014, National Fuel Gas Code (revision of ANSI Z223.1/NFPA 54-2012): 8/8/2014

AGMA (American Gear Manufacturers Association)

Revision

ANSI/AGMA 1010-2014, Appearance of Gear Teeth - Terminology of Wear and Failure (revision of ANSI/AGMA 1010-E95 (R2007)): 8/8/2014

ANSI/AGMA 6011-2014, Specification for High Speed Helical Gear Units (revision of ANSI/AGMA 6011-2003 (R2008)): 8/8/2014

AMCA (Air Movement and Control Association)

Revision

- * ANSI/AMCA Standard 300-2014, Reverberant Room Methods for Sound Testing of Fans (revision of ANSI/AMCA 300-2008): 8/14/2014
- * ANSI/AMCA Standard 301-2014, Methods for Calculating Fan Sound Ratings from Laboratory Test Data (revision of ANSI/AMCA 301-2006): 8/14/2014

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

Addenda

ANSI/ASHRAE/USGBC/IES Addendum 189.1aj-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 8/7/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1aq-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 8/7/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1ax-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 8/7/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1bv-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 8/7/2014

ANSI/ASHRAE/USGBC/IES Addendum 189.1cd-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011): 8/7/2014

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME POM 102-2014, Operating Walkdowns of Power Plants (new standard): 8/15/2014

Reaffirmation

ANSI/ASME B16.12-2009 (R2014), Cast Iron Threaded Drainage Fittings (reaffirmation of ANSI/ASME B16.12-2009): 8/15/2014

Revision

ANSI/ASME B31.8-2014, Gas Transmission and Distribution Piping Systems (revision of ANSI/ASME B31.8-2012): 8/15/2014

ANSI/ASME B31.8S-2014, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2012): 8/15/2014

ASPE (American Society of Plumbing Engineers)

New Standard

ANSI/WQA/ASPE S-803-2014, Sustainable Drinking Water Treatment Systems (new standard): 8/18/2014

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI ATIS 0300094-2014, Trouble Type Codes in Support of ATIS Trouble Administration Standards (revision of ANSI ATIS 0300094-2012): 8/8/2014

ANSI ATIS 1000641-2014, Calling Name Identification Presentation (revision of ANSI ATIS 1000641-1995 (R2009)): 8/8/2014

BHMA (Builders Hardware Manufacturers Association)

New Standard

- * ANSI/BHMA A156.38-2014, Low Energy Power Operated Sliding and Folding Doors (new standard): 8/15/2014

Revision

- * ANSI/BHMA A156.30-2014, High Security Cylinders (revision of ANSI/BHMA A156.30-2002 (R2007)): 8/15/2014

CSA (CSA Group)**Revision**

- * ANSI Z21.10.1-2014, Standard Gas Water Heaters, Vol. I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less (same as CSA 4.1) (revision of ANSI Z21.10.1-2013): 8/15/2014

ECA (Electronic Components Association)**New Standard**

ANSI/EIA 797-2014, Aluminum-Electrolytic Capacitor Application Guideline (new standard): 8/7/2014

Revision

- ANSI/EIA 364-F-2014, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-E-2008): 8/15/2014
- ANSI/EIA 364-32G-2014, Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-32F-2011): 8/15/2014

ICC (International Code Council)**Revision**

ANSI/ICC 600-2013, Standard for Residential Construction in High-Wind Regions (revision of ANSI/ICC 600-2008): 8/15/2014

ISA (International Society of Automation)**New National Adoption**

ANSI/ISA 60079-10-1-2014, Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres (national adoption with modifications of IEC 60079-10-1): 8/15/2014

ITI (INCITS) (InterNational Committee for Information Technology Standards)**New Standard**

- INCITS 519-2014, Information technology - Serial Attached SCSI-3 (SAS-3) (new standard): 8/8/2014
- INCITS 532-2014, Information technology - Vocabulary description and management (new standard): 8/15/2014

NEMA (ASC C12) (National Electrical Manufacturers Association)**Reaffirmation**

ANSI C12.7-2005 (R2014), Requirements for Watthour Meter Sockets (reaffirmation of ANSI C12.7-2005): 8/14/2014

NEMA (ASC C78) (National Electrical Manufacturers Association)**Revision**

ANSI/ANSLG C78.81-2014, Double-capped Fluorescent Lamps - Dimensional and Electrical Characteristics (revision of ANSI/ANSLG C78.81-2010): 8/15/2014

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revision**

ANSI NEMA WC 27500-2014, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI/NEMA WC 27500-2011): 8/15/2014

NEMA (ASC C82) (National Electrical Manufacturers Association)**Revision**

- * ANSI C82.77-10-2014, Ballasts: Harmonic Emission Limits-Related Power Quality Requirements (revision of ANSI C82.77-2001 (R2010), ANSI C82.11-2011, and ANSI C82.14-2006 (R2010)): 8/15/2014

NSF (NSF International)**Revision**

- * ANSI/NSF 342-2014 (i6r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2012): 8/12/2014

OPEI (Outdoor Power Equipment Institute)**Revision**

- * ANSI/OPEI B71.3-2014, Snow Throwers - Safety Specifications (revision of ANSI B71.3-2005): 8/14/2014

TCIA (ASC A300) (Tree Care Industry Association)**Reaffirmation**

- * ANSI A300 (Part 1) Pruning-2008 (R2014), Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning) (reaffirmation and redesignation of ANSI A300 (Part 1)-2008): 8/8/2014

TIA (Telecommunications Industry Association)**New Standard**

ANSI/TIA 455-C-2014, Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components (new standard): 8/15/2014

Reaffirmation

ANSI/TIA 455-3B-2009 (R2014), Procedure to Measure Temperature Cycling Effects on Optical Fiber Units, Optical Cable, and Other Passive Fiber Optic components (reaffirmation of ANSI/TIA 455-3B-2009): 8/8/2014

UL (Underwriters Laboratories, Inc.)**New National Adoption**

ANSI/UL 61010-2-032-2014, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-032: Particular Requirements for Hand-Held and Hand-Manipulated Current Sensors for Electrical Test and Measurement (identical national adoption of IEC 61010-2-032): 8/8/2014

ANSI/UL 61010-2-033-2014, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular Requirements for Hand-Held Multimeters and Other Meters, for Domestic and Professional Use, Capable of Measuring Mains Voltage (identical national adoption of IEC 61010-2-033): 8/8/2014

ANSI/UL 61010-2-091-2014, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-091: Particular Requirements for Cabinet X-Ray Systems (identical national adoption of IEC 61010-2-091): 8/8/2014

Revision

ANSI/UL 360-2014, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2013): 8/14/2014

ANSI/UL 574-2014, Standard for Safety for Electric Oil Heaters
(Proposals dated 2/7/14) (revision of ANSI/UL 574-2004 (R2009)):
8/13/2014

ANSI/UL 710B-2014, Standard for Recirculating Systems (revision of
ANSI/UL 710B-2011): 8/13/2014

ANSI/UL 710B-2014a, Standard for Recirculating Systems (revision of
ANSI/UL 710B-2011): 8/13/2014

ANSI/UL 842-2014, Standard for Safety for Valves for Flammable
Fluids (revision of ANSI/UL 842-2013): 8/14/2014

ANSI/UL 935-2014, Standard for Safety for Fluorescent-Lamp Ballasts
(revision of ANSI/UL 935-2011): 8/7/2014

ANSI/UL 935-2014a, Standard for Safety for Fluorescent-Lamp
Ballasts (revision of ANSI/UL 935-2011): 8/7/2014

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.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
Saint Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE AD4254-12:2012, Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (national adoption with modifications of ISO 4254-12:2012)

Stakeholders: North American farmers, manufacturers, mower operators.

Project Need: ASABE does not have a recognized safety standard for rotary disc and drum mowers and flail mowers.

When used with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of rotary disc mowers, rotary drum mowers, as used for forage crop harvesting in agriculture only, and flail mowers with a horizontal axis for use in agriculture only, that are mounted, semi-mounted, trailed, or self-propelled. Describes methods for the elimination or reduction of hazards arising from the intended use and reasonably foreseeable misuse of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

BSR/ASABE AD17101-1-201x, Agricultural machinery - Thrown-object test and acceptance criteria - Part 1: Rotary mowers (national adoption with modifications of ISO 17101-1:2012)

Stakeholders: North American farmers, manufacturers, mower operators.

Project Need: ASABE does not have a recognized safety standard for rotary disc and drum mowers and flail mowers thrown-object testing.

Gives specifications and acceptance criteria for thrown-object testing of rotary mowers used in agriculture. Examples: Self-propelled rotary mower, Basic rotary disc mower, Basic rotary drum mower, Rotary mower with conditioning device.

BSR/ASABE AD17101-2-201x, Agricultural machinery - Thrown-object test and acceptance criteria - Part 2: Flail mowers (national adoption with modifications of ISO 17101-2:2012)

Stakeholders: North American farmers, manufacturers, mower operators.

Project Need: ASABE does not have a recognized safety standard for rotary disc and drum mowers and flail mowers thrown-object testing.

Gives specifications and acceptance criteria for the thrown-object testing of flail mowers used in agriculture.

BSR/ASABE S639 MONYEAR-201x, Safety Standard for Large Row Crop Flail Mowers (new standard)

Stakeholders: North American farmers, manufacturers, operators.

Project Need: The purpose of this project is to develop a safety standard for large row crop flail mowers. It will use safety requirements of ISO 4254-12 and ISO 17101-2 as the basis for development.

Specifies safety requirements and their verification for design and construction of large row-crop flail mowers with cutting width larger than 3 m and used only in agricultural field applications and which have a rear part that can be opened for these particular field use operations. Machines may be equipped with adjustable material discharge gates or deflectors located on the rear of mower. Describes methods for elimination or reduction of hazards arising from intended use and reasonably foreseeable misuse of these machines by the operator in the course of normal operation and service. Specifies the type of information on safe working practices to be provided by the manufacturer.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

* BSR/ASME A112.19.12-201x, Wall Mounted, Pedestal Mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory, Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems (revision of ANSI/ASME A112.19.12-2011)

Stakeholders: Manufacturers and users of wall-mounted and pedestal-mounted adjustable and pivoting lavatory sinks and government jurisdictions that implement these standards.

Project Need: Revise the Standard to allow for an alternative requirement for the cable eye.

This Standard establishes physical requirements and tests addressing structural strength; adjustments; materials; drain line hydraulics; mechanical, material, testing, marking, and document at ion requirements for wall-mounted and pedestal-mounted adjustable, elevating, tilting, and pivoting lavatory, sink, and shampoo bowl carrier systems intended to facilitate use by individuals who are physically challenged.

The use of alternate materials or methods are permitted, provided the proposed material and method complies with the performance requirements and intent of this Standard.

BSR/ASME RAM-2-201x, Reliability, Availability, and Maintainability (RAM) Process Details (new standard)

Stakeholders: Utilities, manufacturers, designers, laboratories, consultants, and government.

Project Need: There are no consensus standards covering this topic.

This standard amplifies and clarifies the requirements of ASME RAM-1 to implement a RAM program for a power-generation facility, which includes:

- (a) establishment of RAM goals; and
- (b) requirements for design, construction and commissioning, and operations.

This Standard identifies the required RAM program elements and responsibilities.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: Kerriane Conn

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR ATIS 1000113-201x, Signaling System No. 7 (SS7) - Integrated Services Digital Network (ISDN) User Part (revision of ANSI ATIS 1000113-2005 (R2010))

Stakeholders: Communication industry.

Project Need: This standard is based on and uses, where applicable, the same signaling procedures, parameters, and message types as the internationally specified ISDN User Part of the ITU-T Signaling System No.7.

This standard is based on and uses, where applicable, the same signaling procedures, parameters, and message types as the internationally specified ISDN User Part of the ITU-T Signaling System No.7. Working group PTSC-IOP has developed this standard to suit anticipated needs and application within and between U.S. networks.

CRSI (Concrete Reinforcing Steel Institute)

Office: 933 North Plum Grove Road
Schaumburg, IL 60173

Contact: Michael Mota

E-mail: mmota@crsi.org

BSR/CRSI CG1.2-201x, Epoxy Coating Facilities - Custom Bar Lines (new standard)

Stakeholders: Epoxy coaters; general contractors; architects; structural, civil, and pavement engineers; state transportation officials.

Project Need: Epoxy-coated reinforcing bar is commonly used where concrete will be exposed to corrosive environments. For the past 20 years, CRSI has had an industry epoxy coating certification program. This program is referenced in many State DOT standard specifications and project specific construction documents. This program has established the minimum requirements for facilities performing epoxy coating of prefabricated reinforcing bar used in concrete. The current program will be more formalized in the pro

The proposed standard will cover practices for the epoxy coating of reinforcing steel bars on custom bar lines. This document will establish the minimum procedures used to monitor production and assess quality during the application of an epoxy coating to prefabricated steel reinforcing bars. The proposed standard practice will outline the minimum requirements for documentation, observation, and testing as part of a quality control program.

ISA (International Society of Automation)

Office: PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Eliana Brazda

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 75.08.02-201x, Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.02-2003 (R2009))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping designs for flanged and flangeless control valves by providing valve face-to-face dimensions.

This standard applies to flanged and flangeless rotary control valves using a full ball or a segment of a ball and other rotary-stem control valves, sizes (20 mm) 3/4 inch through (600 mm) 24 inches for Classes 150 through 600.

BSR/ISA 75.25.01-201x, Test Procedure for Control Valve Response Measurement from Step Inputs (revision of ANSI/ISA 75.25.01-2001 (R2010))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To define how to test, measure, and report control-valve response characteristics.

This standard defines the testing and reporting of step response of control valves that are used in throttling closed-loop control applications. A control valve consists of the complete, ready-to-use assembly of the control valve body, actuator, and any required accessories.

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

Office: 1101 K Street, NW
Suite 610
Washington, DC 20005-3922

Contact: Barbara Bennett

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 19508:2014, Information technology - Object Management Group Meta Object Facility (MOF) Core (identical national adoption of ISO/IEC 19508:2014)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 15908:2014 provides the basis for metamodel definition in OMG's family of MDA languages and is based on a simplification of UML2's class modeling capabilities. In addition to providing the means for metamodel definition, it adds core capabilities for model management in general, including Identifiers, a simple generic Tag capability, and Reflective operations that are defined generically and can be applied, regardless of metamodel.

INCITS/ISO/IEC 19509:2014, Information technology - Object Management Group XML Metadata Interchange (XMI) (identical national adoption of ISO/IEC 19509:2014)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 19509:2014 supports the Meta Object Facility (MOF) Core defined in ISO/IEC 19508. MOF is the foundation technology for describing metamodels. It covers a wide range of domains, and is based on a constrained subset of UML. XMI is widely used XML interchange format. It defines the following aspects involved in describing objects in XML: the representation of objects in terms of XML elements and attributes; the standard mechanisms to link objects within the same file or across files; the validation of XMI documents using XML Schemas; and object identity, which allows objects to be referenced from other objects in terms of IDs and UUIDs.

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: Rachel Porter

Fax: 202-638-4922

E-mail: comments@itic.org

INCITS 541-201x, Information technology - Automation/Drive Interface Commands - 4 (ADC-4) (new standard)

Stakeholders: This project is intended to preserve as much of the existing Automation/Drive Interface software and hardware investment as possible, while adding new features.

Project Need: The proposed project involves a compatible evolution of the present Automation/Drive Interface Commands - 3 standard.

Automation/Drive Interface Commands - 4 is the next generation of the command portion of the current Automation/Drive Interface. It follows ADC-3, ADC-2, and ADC. The following items should be considered for inclusion in Automation/Drive Interface Commands - 4: (a) support of methods for reporting data transfer device multi-initiator activity; (b) enhancements to the protocol; (c) corrections and clarifications; and (d) other capabilities that may fit within the scope of this project.

INCITS 542-201x, Information technology - Automation/Drive Interface Transport Protocol - 3 (ADT-3) (new standard)

Stakeholders: This project is intended to preserve as much of the existing Automation/Drive Interface software and hardware investment as possible, while adding new features.

Project Need: The proposed project involves a compatible evolution of the present Automation/Drive Interface Transport Protocol - 2 standard.

Automation/Drive Interface Transport Protocol - 3 is the next generation of the transport and protocol portion of the current Automation/Drive Interface. It follows ADT-2, and ADT. The following items should be considered for inclusion in Automation/Drive Interface Transport Protocol - 3: (a) continued development of iADT for using Ethernet as the transport; (b) enhancements to bridging capabilities; (c) enhancements to the protocol; (d) corrections and clarifications; and (e) other capabilities that may fit within the scope of this project.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Charles Bohanan

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1016 om-2010 (R201x), Average fiber diameter of fiber glass mats (reaffirmation of ANSI/TAPPI T 1016 om-2010)

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 conduct required five-year review of an existing TAPPI/ANSI standard in order to determine if a revision is needed to address new technology or correct errors.

This method covers the determination of the average fiber diameter (or distribution of diameters) of fibers used in nonwoven fiber glass mats.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides 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)
- AGSC (Auto Glass Safety Council)
- 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)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select "Standards Activities," click on "Public Review and Comment" and "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.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

<p>AAMI Association for the Advancement of Medical Instrumentation (AAMI) 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8263 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>CSA CSA Group 8501 E. Pleasant Valley Road Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>NEMA (ASC C12) National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3227 Fax: (703) 841-3327 Web: www.nema.org</p>
<p>AGA (ASC Z223) American Gas Association 400 North Capitol Street, NW Washington, DC 20001 Phone: (202) 824-7312 Fax: (202) 824-9122 Web: www.aga.org</p>	<p>ASPE American Society of Plumbing Engineers 6400 Shafer Court Suite 350 Rosemont, IL 60018 Phone: (847) 296-0002 Fax: (847) 296-2963 Web: www.aspe.org</p>	<p>ECA Electronic Components Association 2214 Rock Hill Road Suite 170 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.eciaonline.org</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3278 Fax: (703) 841-3378 Web: www.nema.org</p>
<p>AGMA American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314-1587 Phone: (703) 684-0211 Web: www.agma.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: www.atis.org</p>	<p>EOS/ESD ESD Association 7900 Turin Rd., Bldg. 3 Rome, NY 13440 Phone: (315) 339-6937 Fax: (315) 339-6793 Web: www.esda.org</p>	<p>NEMA (ASC C8) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3271 Fax: 703-841-3371 Web: www.nema.org</p>
<p>AMCA AMCA International, Inc. 30 West University Drive Arlington Heights, IL 60004-1893 Phone: (847) 704-6295 Fax: (847) 253-0088 Web: www.amca.org</p>	<p>AWC American Wood Council 222 Catocin Circle Suite 201 Leesburg, VA 20175 Phone: (202) 463-2770 Fax: (202) 463-2791 Web: www.awc.org</p>	<p>ICC International Code Council 4051 West Flossmoor Road Country Club Hills, IL 60478-5795 Phone: (888) 422-7233 Fax: (708) 799-0320 Web: www.iccsafe.org</p>	<p>NEMA (ASC C82) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3377 Web: www.nema.org</p>
<p>API American Petroleum Institute 1220 L Street, NW Washington, DC 20005-4070 Phone: (202) 682-8571 Fax: (202) 962-4797 Web: www.api.org</p>	<p>AWS American Welding Society 8669 NW 36 Street, #130 Miami, FL 33166 Phone: (305) 443-9353 Web: www.aws.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society PO Box 12277, 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road Saint Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>BHMA Builders Hardware Manufacturers Association 355 Lexington Avenue 15th Floor New York, NY 10017 Phone: (212) 297-2126 Fax: (212) 370-9047 Web: www.buildershardware.com</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street, NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: www.incits.org</p>	<p>OPEI Outdoor Power Equipment Institute 341 South Patrick Street Alexandria, VA 22314 Phone: (703) 549-7600 Fax: (703) 549-7604 Web: www.opei.org</p>
<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (678) 539-2125 Web: www.ashrae.org</p>	<p>CRSI Concrete Reinforcing Steel Institute 933 North Plum Grove Road Schaumburg, IL 60173 Phone: (856) 264-3851 Web: www.crsi.org</p>	<p>MSS Manufacturers Standardization Society 127 Park Street, NE Vienna, VA 22180-4602 Phone: (703) 281-6613 Fax: (703) 281-6671 Web: www.mss-hq.org</p>	

PLASA

PLASA North America
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TCIA (ASC A300)

Tree Care Industry Association
136 Harvey Road
Suite 101
Londonderry, NH 03053
Phone: (603) 314-5380
Fax: (603) 314-5386
Web: www.treecareindustry.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3198
Fax: (847) 664-3198
Web: www.ul.com



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 Karen Hughes, 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.

AIR QUALITY (TC 146)

ISO/DIS 19694-1, Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 1: General aspects - 11/22/2014, \$102.00

ISO/DIS 19694-2, Stationary source emissions - Greenhouse Gas (GHG) emissions in energy-intensive industries - Part 2: Iron and steel industry - 11/22/2014, \$146.00

ISO/DIS 19694-3, Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 3: Cement industry - 11/22/2014, \$146.00

ISO/DIS 19694-4, Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 4: Aluminium industry - 11/22/2014, \$82.00

ISO/DIS 19694-5, Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 5: Lime industry - 11/22/2014, \$125.00

ISO/DIS 19694-6, Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 6: Ferroalloy industry - 11/22/2014, \$102.00

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

ISO/DIS 16711, Seismic assessment and retrofit of concrete structures - 8/20/2014, \$58.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 10360-12, Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring systems (CMS) - Part 12: Articulated arm coordinate measurement machines (CMM) - 11/22/2014, \$107.00

EARTH-MOVING MACHINERY (TC 127)

ISO 9244/CD Amd1, Earth-moving machinery - Machine safety labels - General principles - Amendment 1 - 11/21/2014

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14001, Environmental management systems - Requirements with guidance for use - 9/29/2014, \$107.00

FURNITURE (TC 136)

ISO/DIS 7170, Furniture - Storage units - Determination of strength and durability - 11/23/2014, \$107.00

ISO/DIS 7171, Furniture - Storage units - Determination of stability - 11/23/2014, \$40.00

GAS CYLINDERS (TC 58)

ISO/DIS 15453, Gas cylinders - Seamless steel and aluminium-alloy gas cylinders - Evaluation of existing gas cylinders and consideration of their safe use in other jurisdictions - 11/23/2014, \$40.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 10816-6/DAmD1, Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 6: Reciprocating machines with power ratings above 100 kW - Amendment 1 - 9/20/2014, \$29.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO/DIS 7530-1, Nickel alloys - Flame atomic absorption spectrometric analysis - Part 1: Determination of cobalt, chromium, copper, iron and manganese - 9/17/2014, \$82.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 302, Pulps - Determination of Kappa number - 11/23/2014, \$62.00

ISO/DIS 11476, Paper and board - Determination of CIE whiteness, C/2 ϕ (indoor illumination conditions) - 11/23/2014, \$71.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 17491-4/DAmD1, Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) - Amendment 1 - 11/22/2014, \$29.00

PLASTICS (TC 61)

ISO/DIS 6721-10, Plastics - Determination of dynamic mechanical properties - Part 10: Complex shear viscosity using a parallel-plate oscillatory rheometer - 9/17/2014, \$77.00

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

ISO/DIS 24521, Crisis management of water utilities - 11/22/2014

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 28007-1, Ships and marine technology - Guidelines for Private Maritime Security Companies (PMSC) providing privately contracted armed security personnel (PCASP) on board ships (and pro forma contract) - 9/20/2014, \$88.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 9044, Industrial woven wire cloth - Technical requirements and tests - 11/16/2014, \$71.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 20957-9, Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods - 11/22/2014, \$58.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 18554, Procedures for identifying, estimating and correcting for unintended degradation by X-rays in a material undergoing analysis by X-ray photoelectron spectroscopy - 11/21/2014

SUSTAINABILITY CRITERIA FOR BIOENERGY (TC 248)

ISO/DIS 13065, Sustainability criteria for bioenergy - 9/20/2014, \$125.00

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

ISO/DIS 13715, Technical product documentation - Edges of undefined shape - Indication and dimensioning - 11/16/2014, \$77.00

TEXTILES (TC 38)

ISO/DIS 105-G01, Textiles - Tests for colour fastness - Part G01: Colour fastness to nitrogen oxides - 11/22/2014, \$58.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 6565, Tobacco and tobacco products - Draw resistance of cigarettes and pressure drop of filter rods - Standard conditions and measurement - 11/23/2014, \$82.00

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

ISO 13926-2/DAMd1, Pen systems - Part 2: Plunger stoppers for pen-injectors for medical use - Amendment 1 - 9/20/2014, \$29.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-2/DAMd4, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 4 - 11/16/2014, \$155.00

ISO/IEC DIS 18328-2, Information technology - ICC-managed devices - Part 2: Physical characteristics and test methods for cards with devices - 11/23/2014, \$67.00

ISO/IEC DIS 27033-1, Information technology - Security techniques - Network security - Part 1: Overview and concepts - 9/20/2014, \$119.00

ISO/IEC DIS 23001-10, Information technology - MPEG systems technologies - Part 10: Carriage of Timed Metadata Metrics of Media in ISO Base Media FileFormat - 11/23/2014, \$71.00



Newly Published ISO & IEC Standards

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

ISO Standards

GAS CYLINDERS (TC 58)

[ISO 11119-2/Amd1:2014](#), Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners - Amendment 1, \$22.00

IMPLANTS FOR SURGERY (TC 150)

[ISO 14708-1:2014](#), Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer, \$211.00

INFORMATION AND DOCUMENTATION (TC 46)

[ISO 28560-3:2014](#), Information and documentation - RFID in libraries - Part 3: Fixed length encoding, \$149.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 20283-4/Amd1:2014](#), Mechanical vibration - Measurement of vibration on ships - Part 4: Measurement and evaluation of vibration of the ship propulsion machinery - Amendment 1, \$22.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 11979-2:2014](#), Ophthalmic implants - Intraocular lenses - Part 2: Optical properties and test methods, \$139.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 2758:2014](#), Paper - Determination of bursting strength, \$99.00

[ISO 5630-7:2014](#), Paper and board - Accelerated ageing - Part 7: Exposure to light, \$66.00

REFRACTORIES (TC 33)

[ISO 10081-4:2014](#), Classification of dense shaped refractory products - Part 4: Special products, \$99.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 3994:2014](#), Plastics hoses - Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials - Specification, \$114.00

[ISO 8029:2014](#), Plastics hose - General-purpose collapsible water hose, textile-reinforced - Specification, \$114.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 26300/Amd1/Cor1:2014](#), Information technology - Open Document Format for Office Applications (OpenDocument) v1.1 - Corrigendum, FREE

[ISO/IEC 26300/Cor3:2014](#), Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 - Corrigendum 3, FREE

[ISO/IEC 7816-4/Cor1:2014](#), Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange - Corrigendum, FREE

[ISO/IEC 7811-2:2014](#), Identification cards - Recording technique - Part 2: Magnetic stripe - Low coercivity, \$132.00

[ISO/IEC 9834-8:2014](#), Information technology - Procedures for the operation of object identifier registration authorities - Part 8: Generation of universally unique identifiers (UUIDs) and their use in object identifiers, \$139.00

IEC Standards

ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

[IEC 60092-350 Ed. 4.0 b:2014](#), Electrical installations in ships - Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications, \$303.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 61747-1-1 Ed. 1.0 en:2014](#), Liquid crystal display devices - Part 1 -1: Generic - Generic specification, \$206.00

[IEC 61747-1-2 Ed. 1.0 en:2014](#), Liquid crystal display devices - Part 1 -2: Generic - Terminology and letter symbols, \$182.00

FUEL CELL TECHNOLOGIES (TC 105)

[IEC 62282-4-101 Ed. 1.0 b:2014](#), Fuel cell technologies - Part 4-101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Safety of electrically powered industrial trucks, \$303.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61158-3-1 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-1: Data-link layer service definition - Type 1 elements, \$387.00

[IEC 61158-3-2 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements, \$278.00

[IEC 61158-3-3 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-3: Data-link layer service definition - Type 3 elements, \$339.00

[IEC 61158-3-4 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-4: Data-link layer service definition - Type 4 elements, \$206.00

[IEC 61158-4-1 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-1: Data-link layer protocol specification - Type 1 elements, \$411.00

[IEC 61158-4-2 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements, \$411.00

[IEC 61158-4-3 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-3: Data-link layer protocol specification - Type 3 elements, \$411.00

[IEC 61158-4-4 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-4: Data-link layer protocol specification - Type 4 elements, \$278.00

[IEC 61158-5-4 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements, \$339.00

[IEC 61158-5-9 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-9: Application layer service definition - Type 9 elements, \$387.00

[IEC 61158-3-12 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-12: Data-link layer service definition - Type 12 elements, \$278.00

[IEC 61158-3-13 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-13: Data link layer service definition - Type 13 elements, \$278.00

[IEC 61158-3-14 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-14: Data-link layer service definition - Type 14 elements, \$157.00

[IEC 61158-3-19 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-19: Data-link layer service definition - Type 19 elements, \$182.00

[IEC 61158-3-20 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-20: Data-link layer service definition - Type 20 elements, \$206.00

[IEC 61158-3-22 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-22: Data-link layer service definition - Type 22 elements, \$254.00

[IEC 61158-3-24 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 3-24: Data-link layer service definition - Type 24 elements, \$254.00

[IEC 61158-4-11 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-11: Data-link layer protocol specification - Type 11 elements, \$411.00

[IEC 61158-4-12 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-12: Data-link layer protocol specification - Type 12 elements, \$399.00

[IEC 61158-4-13 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-13: Data-link layer protocol specification - Type 13 elements, \$351.00

[IEC 61158-4-14 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-14: Data-link layer protocol specification - Type 14 elements, \$230.00

[IEC 61158-4-19 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-19: Data-link layer protocol specification - Type 19 elements, \$411.00

[IEC 61158-4-20 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-20: Data-link layer protocol specification - Type 20 elements, \$278.00

[IEC 61158-4-22 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-22: Data-link layer protocol specification - Type 22 elements, \$339.00

[IEC 61158-4-24 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 4-24: Data-link layer protocol specification - Type 24 elements, \$375.00

[IEC 61158-5-12 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-12: Application layer service definition - Type 12 elements, \$387.00

[IEC 61158-5-13 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-13: Application layer service definition - Type 13 elements, \$303.00

[IEC 61158-5-14 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-14: Application layer service definition - Type 14 elements, \$363.00

[IEC 61158-5-19 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-19: Application layer service definition - Type 19 elements, \$230.00

[IEC 61158-5-20 Ed. 3.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-20: Application layer service definition - Type 20 elements, \$303.00

[IEC 61158-5-22 Ed. 2.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-22: Application layer service definition - Type 22 elements, \$351.00

[IEC 61158-5-23 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements, \$363.00

[IEC 61158-5-24 Ed. 1.0 b:2014](#), Industrial communication networks - Fieldbus specifications - Part 5-24: Application layer service definition - Type 24 elements, \$363.00

POWER ELECTRONICS (TC 22)

[IEC 62501 Amd.1 Ed. 1.0 b:2014](#), Amendment 1 - Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing, \$157.00

[IEC 62501 Ed. 1.1 b:2014](#), Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing, \$545.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-25 Amd.1 Ed. 6.0 b:2014](#), Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens, \$24.00

[IEC 60335-2-25 Ed. 6.1 b:2014](#), Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens, \$315.00

[IEC 60335-2-56 Amd.2 Ed. 3.0 b:2014](#), Amendment 2 - Household and similar electrical appliances - Safety - Part 2-56: Particular requirements for projectors and similar appliances, \$17.00

[IEC 60335-2-56 Ed. 3.2 b:2014](#), Household and similar electrical appliances - Safety - Part 2-56: Particular requirements for projectors and similar appliances, \$116.00

[IEC 60335-2-101 Amd.2 Ed. 1.0 b:2014](#), Amendment 2 - Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers, \$17.00

[IEC 60335-2-101 Ed. 1.2 b:2014](#), Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers, \$116.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60749-42 Ed. 1.0 b:2014](#), Semiconductor devices - Mechanical and climatic test methods - Part 42: Temperature and humidity storage, \$36.00

TERMINOLOGY (TC 1)

[IEC 60050-113 Amd.1 Ed. 1.0 b:2014](#), Amendment 1 - International Electrotechnical Vocabulary - Part 113: Physics for electrotechnology, \$14.00

[IEC 60050-151 Amd.2 Ed. 2.0 b:2014](#), Amendment 2 - International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices, \$14.00

[IEC 60050-161 Amd.4 Ed. 1.0 b:2014](#), Amendment 4 - International Electrotechnical Vocabulary - Part 161: Electromagnetic compatibility, \$14.00

[IEC 60050-881 Amd.1 Ed. 1.0 b:2014](#), Amendment 1 - International Electrotechnical Vocabulary - Part 881: Radiology and radiological physics, \$14.00

[IEC 60050-903 Amd.1 Ed. 1.0 b:2014](#), Amendment 1 - International Electrotechnical Vocabulary - Part 903: Risk assessment, \$22.00

IEC Technical Reports

ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)

[IEC/TR 62726 Ed. 1.0 en:2014](#), Guidance on quantifying greenhouse gas emission reductions from the baseline for electrical and electronic products and systems, \$278.00

HIGH VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION FOR DC VOLTAGES ABOVE 100 KV (TC 115)

[IEC/TR 62681 Ed. 1.0 en:2014](#), Electromagnetic performance of high voltage direct current (HVDC) overhead transmission lines, \$363.00

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 of choice for information technology developers, producers and users for the creation and maintenance of 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 40+ 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 has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily rely on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approvals of Reaccreditations

Air-Conditioning, Heating and Refrigeration Institute (AHRI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Air-Conditioning, Heating and Refrigeration Institute (AHRI), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on AHRI-sponsored American National Standards, effective August 15, 2014. For additional information, please contact: Mr. Daniel Abbate, Manager, Standards, Air-Conditioning, Heating and Refrigeration Institute, 2111 Wilson Boulevard, Suite 500, Arlington, VA 22201; phone: 703.600.0327; e-mail: dabbate@ahrinet.org.

International Association of Plumbing and Mechanical Officials (IAPMO)

ANSI's Executive Standards Council has approved the reaccreditation of the International Association of Plumbing and Mechanical Officials (IAPMO), an ANSI Organizational Member, under its recently revised IAPMO Policies and Procedures for Consensus Development of American National Standards for documenting consensus on IAPMO-sponsored American National Standards, effective July 15, 2014. For additional information, please contact: Mr. Abraham I. Murra, P.Eng., Director of Standards Development, IAPMO, 5001 Philadelphia Street, Ontario, CA 91761; phone: 909.472.4106; e-mail: abraham.murra@IAPMOstandards.org.

Calls for Members

Precast/Prestressed Concrete Institute (PCI)

PCI, an ANSI-accredited Standard Developing Organization, is the primary organization for the creation and maintenance of standards for the precast concrete industry. The scope of PCI's standards activity is to develop and maintain standards for the design, detailing, fabrication, transportation, and erection of precast and precast, prestressed concrete products.

PCI is seeking to broaden the membership base of its American National Standards consensus body and is interested in new members in all membership categories to participate in new standards in quality control, fire resistance design, tolerances, glass fiber reinforced concrete (GFRC), and other important topics. Of particular interest is membership from the producer, user, and general interest communities.

Each individual seeking membership on the Standards Committee shall submit a written request to PCI indicating his/her interest in the work of the Standards Committee and his/her qualifications, willingness to participate, and affiliations that might affect his/her classification. Each applicant shall identify his/her interest category. Membership on the PCI Standards Committee is open to all directly and indirectly affected parties subject to the selection procedure set forth in PCI's operating procedures. More information is available at www.pci.org or by e-mail to standards@pci.org.

International Organization for Standardization (ISO)

Call for comments

ISO/TMB – Standards under Systematic Review

ISO/IEC Guide 98-4:2012

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

ISO/IEC Guide 98-4:2012, Uncertainty of measurement -- Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Establishment of New ISO Subcommittees

ISO/TC 8/SC 13 – Marine Technology

TC 8, Ships and marine technology, has created a new ISO Subcommittee on Marine technology (TC 8/SC 13). The secretariat has been assigned to China (SAC).

ASTM International (ASTM) has committed to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 282/SC 2 – Water Re-Use in Urban Areas

TC 282, Water re-use, has created a new ISO Subcommittee on Water re-use in urban areas (TC 282/SC 2). The secretariat has been assigned to China (SAC).

The American Society for Plumbing Engineers (ASPE) has indicated intent to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 282/SC 3 – Risk and Performance Evaluation of Water Re-Use Systems

TC 282, Water re-use, has created a new ISO Subcommittee on Risk and performance evaluation of water re-use systems (TC 282/SC 3). The secretariat has been assigned to Japan (JISC).

The NSF International (NSF) has committed to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO Proposal for a New Field of ISO Technical Activity

Electoral Administration

Comment Deadline: September 12, 2014

INTECO (Costa Rica) has submitted to ISO the attached proposal for a new field of ISO technical activity on the subject of Electoral Administration, with the following scope statement:

Standardization in the field of electoral administration and management, including, but not limited to, the registration of electors, the registration of political organizations and candidates, electoral logistics and planning, vote casting, vote counting and declaration of results, citizenship electoral education, oversight of campaign financing, electronic voting systems, electoral crimes and jurisprudence, electoral observation and methodologies, as well as any other aspects related to the organization of an electoral process.

Further explanation and rationale is provided in the document.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 12, 2014.

Meeting Notices

Revision of AHRI Standard 540, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting at AHRI headquarters in Arlington, Va., on October 1 from 9 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member, Justin Prosser, at jprosser@ahrinet.org.

BSR/ESD STM5.5.1-201x1 **FOREWORD**

2 This document defines the standard test method used today in the semiconductor industry for TLP
 3 testing method and techniques in both industrial and academic institutions. (This document is
 4 intended to be used by electrical technicians, electrical engineers, semiconductor process and device
 5 engineers, ESD reliability and quality engineers, and circuit designers.) This document covers
 6 standard TLP (pulse width in the order of 100 ns). Other TLP variants may be covered in other
 7 documents.

8
9 **3.0 DEFINITIONS**

10 **Rise Time** - Rise time is defined as the time interval of the leading edge of a pulse between the
 11 10% and 90% points of its amplitude (see Figure 2). ~~Rise time is defined as the time it takes the
 12 voltage or current to rise from 10 to 90% of the pulse plateau (see Figure 2).~~

13
14 **5.0 EQUIPMENT**

15 TLP systems vary in their use of equipment, configurations, and methodology to extract the
 16 current and voltage characteristics of a device. TLP design and system configuration is
 17 contained in Annex A.

18 NOTE: All equipment within the test system must be able to withstand the maximum current for the largest
 19 pulse width applied. Additionally, all equipment must withstand the maximum voltage from the initial charge
 20 voltage (including the reflected voltage) observed in the test system. Current and voltage probes must not
 21 saturate and/or fail during TLP testing.

22 The sections below specify the minimum bandwidth requirements for measurement equipment in
 23 a TLP system. These requirements are sufficient for quasi-static TLP, i.e. for accurate
 24 measurements in a window after the initial transient effects have settled. Higher bandwidths can
 25 be used to obtain more detailed and reliable information in the waveforms. No element in the
 26 signal path, such as attenuators and cables, should limit the bandwidth below that of the
 27 measurement equipment.

28
29 **Table 1. TLP Current and Voltage Pulse Parameters**

TLP Pulse Parameters (Voltage and Current Conditions)	Typical Value	Load Condition
Current Pulse Width	100 ns	Short
Voltage Rise Time	0.2 to 10 ns	Open
Current Rise Time	0.2 to 10 ns	Short
Fall Time	Greater or equal to rise time	N/A
Peak Voltage Overshoot	< 20% of plateau	Open
Voltage Ringing Duration	< 25% of pulse width	Open
Peak Current Overshoot	< 20% of plateau	Short
Current Ringing Duration	< 25% of pulse width	Short
Measurement Time Window	10-20% <u>95% of pulse width in flat region near end of pulse</u>	N/A

30

31

ESD DSTM5.5.1-2014**32 7.2.1 Short Circuit Error Correction Methodology**

33 Measurements through a short circuit allow for the correction of series (system and contact)
34 resistance. [The Kelvin method \(Annex A.5.2\) reduces the influence of series resistances](#)
35 [considerably](#). To determine the amount of required correction, connect an electrical short circuit
36 (zero-ohm DUT) to the end of the device testing connections or wafer probes. Ideally the short
37 circuit should be made of the same type of material to be used during device measurements.
38 Basically the resistance in the system is determined over a selected current range, typically the
39 full range or a specific range of interest. In subsequent measurements the measured voltage is
40 corrected by the voltage drop over this resistance to yield the DUT voltage. Most available TLP
41 systems offer a built-in software procedure to determine the required amount of correction
42 (series resistance) and apply it for future measurements. If such a system is not available a
43 curve fitting method can be used to determine the applicable resistance.

44

45 7.4 TLP Test Procedure

46 ESD damage prevention procedures shall be used before, during, and after TLP testing.

47 The TLP test procedure uses a series of increasing pulse amplitudes to characterize or test a
48 device, discrete circuit, or test structure. This test procedure is described below and illustrated in
49 the test flow diagram of Figure 5.

50 It is recommended to store all settings and waveforms with the measurement results.

51

52 **7.4.1** Select appropriate test level, including pulse width, [rise time](#), amplitude and polarity.

53

54 **7.4.2** Select step size increments.

55

56 **7.4.3** To assure repeatability and integrity of measurements, a minimum of three devices should
57 be tested.

58

59 **7.4.4** A minimum time between successive step pulses of 0.13 second should be used ~~to allow~~
60 ~~for DUT cooling during TLP testing~~.

61

62 **7.4.5** Perform initial reference evaluation measurement on the DUT. Define failure criteria. (See
63 Annex B.1 and B.2: Evaluation Measurements and Failure Criteria for guidelines).

64 It is recommended to perform a DC curve trace (if applicable), covering forward and reverse
65 mode of operation, before starting the stress. This gives information about the correct
66 connection, quality of probing and is helpful to determine a suitable bias for a DC spot
67 measurement.

68

69 **7.4.6** Apply a stress pulse of a fixed width (per step 7.4.1) to the DUT. TLP testing should begin
70 at the lowest desired level of interest and increased using the defined step stress.

71

72 **7.4.7** Measure and record the stress pulse voltage and current; this will represent one I-V point
73 on the DUT I-V curve.

74

75 **7.4.8** Perform a post-stress evaluation measurement on the DUT. If the device fails (see Annex
76 B.1 and B.2: Evaluation Measurements and Failure Criteria for guidelines), the test is complete.

77

78 **7.4.9** If the device passes (see Annex B: Evaluation and Determination of Failure for
79 guidelines), increase the pulse amplitude to the next desired level and repeat steps 7.4.6 to
80 7.4.8 until the maximum desired pulse amplitude is reached. This will generate a series of pulses

81 as shown in Figure 6. To minimize measurement error, it is necessary to set the desired step
82 size to magnitudes consistent with the test structure response.

83 NOTE: Depending on the DUT configuration and requirements, additional bias can be applied to the DUT
84 terminals during application of the TLP pulse. External transients can lead to accidental triggering of the

85

86 A.2 Commercial Pulse Source-Based System

87 The main components of a [TLP-square pulse](#) system that utilizes a commercial high-current
88 pulse source include:

- 89 a. Oscilloscope (see Section 5.0)
- 90 b. Commercial High-Current Pulse Source
- 91 c. Method to Trigger the Pulse
- 92 d. Voltage and/or Current Probes (see Section 5.0)
- 93 e. Method of connecting a transmission line to the DUT

94

95 **Table 2. TLP Methodologies and Parameters**

Typical Features	Method of Transmission Line Pulsing (TLP)			
	Current Source	TDR	TDT	TDRT
Impedance (Ω)	Approximately 500	50	25	100
Maximum Current, short circuit* (A)	1	40 20	40 20	5
Pulse Width, FWHM	50 ns to 1 μ s, 100 ns typical	greater than 10 ns, 100 ns typical	greater than 10 ns, 100 ns typical	greater than 10 ns, 100 ns typical
Rise Time, Tr	greater than 3 ns, less than 25% FWHM, 10 ns typical	greater than 100 ps, less than 25% FWHM, 10 ns typical	greater than 100 ps, less than 25% FWHM, 10 ns typical	greater than 100 ps, less than 25% FWHM, 10 ns typical
Reflections	Slight	Yes	Yes	Yes
Voltage Reflection Polarity	N/A Unipolar, never inverted	Bipolar, first reflection inverted if DUT impedance < 50 Ω	Bipolar, first reflection always inverted	Unipolar, never inverted
Attenuation needed to reduce reflections [†]	No	Yes (at least 6 dB)	Yes	Yes
Two-channel Oscilloscope	Yes	No (if current is calculated)	No (if current is calculated)	Yes
Reference Pulse Required	No	Yes (or use two scope channels; see Section A.3.2)	Yes (or directly measure current using second scope channel)	Yes (or use three scope channels; see Section A.3.4)

96 *Based on a 500 volt incident TLP generated pulse after attenuation. [Higher currents may be achieved with](#)
97 [supplies that generate higher voltages.](#)

98 [†]Additional attenuators may be needed at oscilloscope inputs.

99

100

ESD DSTM5.5.1-2014**A.3.2 Time Domain Reflectometer (TDR) TLP Method**

The most commonly used 100 ns TLP configuration is TDR, and more specifically TDR with overlapping incident and reflected pulses (TDR-O). In this TLP testing setup the current and/or voltage probes are placed relatively close to the DUT so that the electrical propagation time between the probes and the DUT are typically less than 15% of the pulse width. The oscilloscope receiving the probe signals will record a waveform that is first the incident pulse traveling toward the DUT and then the overlap of the incident with the reflected pulse coming back from the DUT. While these two pulses are displaced in time from each other, they are both approximately constant during the TLP pulse plateau period, and therefore their overlay can settle to a steady state of relatively constant voltages and currents. Waveforms are sampled during their constant or quasi-stable state overlapped period by averaging the waveforms during the measurement window. Since the waveforms are not time aligned due to the signal delay time between the measurement probes, the waveforms captured by the oscilloscope are only an approximation of the actual DUT voltage and current. As the probes are moved closer to the DUT this approximation becomes better, but there is always a physical limitation on how close to the DUT probes can be placed.

Figure 8 shows the time domain reflectometer (TDR) TLP method with attenuator for reflected stress pulses. This method is a 50-ohm impedance system. The maximum current is typically ≥ 10 amperes. The current can be calculated or directly measured with a current probe. Multiple reflection pulses typically occur and should be attenuated or reduced (by placing an attenuator in series with the DUT). A reference pulse is required if the reflected pulse overlaps the initial TLP pulse and no current sensor is used.

A.3.3 Time Domain Transmission (TDT) TLP Method

Figure 9 shows the time domain transmission (TDT) TLP method ~~without attenuation~~. This method is a ~~5025~~-ohm impedance system. Multiple reflections typically occur, ~~however no series attenuator is required~~. The maximum current is typically ~~\geq limited to~~ 10 amperes. A single-channel oscilloscope is used with a voltage probe (in parallel with the DUT) to measure device voltage. A reference pulse is required if no current sensor is used. The variable "a" is the attenuation factor ($V_{DUT} = aV$).

A.3.4 Time Domain Reflection and Transmission (TDRT) TLP Method

Figure 10 shows the time domain reflection and transmission (TDRT) TLP method. This method is a 100-ohm impedance system. Multiple reflections typically occur. The maximum current is typically ≥ 10 amperes. ~~The current is typically limited to 10 amperes. Three channels of a four-channel oscilloscope are used. A two-channel oscilloscope is used~~ with a termination and voltage probe (in parallel with the DUT to measure device voltage) and current sensor. When using a two-channel oscilloscope a reference pulse is required or the current can be calculated from the V_2 measurement. The variable "a" is the attenuation factor.

A.5.2 Kelvin TLP Background

~~The most commonly used 100 ns TLP configuration is TDR, and more specifically TDR with overlapping incident and reflected pulses (TDR-O). In this TLP testing setup the current and/or voltage probes are placed relatively close to the DUT so that the electrical propagation time between the probes and the DUT are typically less than 15% of the pulse width. The oscilloscope receiving the probe signals will record a waveform that is first the incident pulse traveling toward the DUT and then the overlap of the incident with the reflected pulse coming back from the DUT. While these two pulses are displaced in time from each other, they are both approximately constant during the TLP pulse plateau period, and therefore their overlay can settle to a steady state of relatively constant voltages and currents. Waveforms are sampled during their constant or quasi-stable state overlapped period by averaging the waveforms during the measurement window. Since the waveforms are not time aligned due to the signal delay time between the measurement probes, the waveforms captured by the oscilloscope are only an~~

ESD DSTM5.5.1-2014

154 ~~approximation of the actual DUT voltage and current. As the probes are moved closer to the~~
155 ~~DUT this approximation becomes better, but there is always a physical limitation on how close to~~
156 ~~the DUT probes can be placed.~~

157 Short circuit corrections (see Section 7.2.1) are used to remove the systemic error due to
158 resistances between the current and voltage probes and the DUT. Because cable, connector,
159 and socket resistances are relatively constant, the short circuit correction works well on
160 packaged parts. When testing wafers, part of the signal path resistance is the contact resistance
161 between needle tips and the wafer pads. This contact resistance can vary significantly with each
162 touchdown of the probe needles and also with different pulse current levels. Probing different
163 wafer pad materials and during a probe's useful life contact resistances can vary by more than
164 an ohm. It is also observed that as the TLP pulse current levels are increased the contact
165 resistances can drop due to $I^2 \cdot R$ heating at the contact point improving the conduction. The non-
166 repeatable portion of the series probing resistance limits the accuracy of the TLP short circuit
167 correction.

Tracking number 60i61r2
© 2014 NSF

Revision to NSF/ANSI 60 – 2013
Issue 61 Revision 2 (August 2014)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Additives – Treatment Chemicals and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard for Drinking Water Treatment Chemicals– Health Effects

.
. .

6 Disinfection and oxidation chemicals

.
. .

6.2 Definitions

.
. .

~~6.2.2 low-bromate hypochlorite:~~ A hypochlorite product contributing a bromate residual in the finished drinking water of less than or equal to 0.00310 mg/L at its maximum use level. The maximum use level for a low-bromate hypochlorite will be based on 10 mg Cl₂/L and may not be adjusted to meet the low-bromate SPAC of 0.00310 mg/L.

.
. .

6.3 General requirements

.
. .

6.3.2.2 Low-bromate hypochlorite treatment chemicals

All low-bromate hypochlorite treatment chemicals shall not exceed 30% of the bromate MCL, or 0.00310 mg/L. The manufacturer's use instructions that reference this Standard for hypochlorite products evaluated as low-bromate shall include the following statement:

"Based on testing to the requirements of NSF/ANSI 60, use of this product at a dose of [maximum use level] or less is expected to contribute a bromate residual of 0.00310 mg/L or less to the finished drinking water."

NOTE—This statement is intended to provide guidance to water utilities using ozonation who wish to minimize additional bromate residuals in the treated drinking water.

Reason: Removed low-bromate requirement per comments received from multiple JC members on ballot 60i61r1.

BSR/UL 521, Standard for Safety for Standard for Heat Detectors for Fire Protective Signaling Systems

1. Additional Requirements for Servicing and Maintenance Protection

PROPOSAL

8 Servicing and Maintenance Protection

8.1 The thermoresponsive element adjustment shall not be capable of being readjusted after shipment from the factory. The means for calibration, if accessible or apparent, shall be modified, guarded, or sealed such that the means for calibration are not subject to manipulation by hand or ordinary tools subsequent to the factory calibration.

8.1.1 Testing procedures and/or user documentation shall include the following:

- a) Periodic regulatory or other functional testing to be performed according to manufacturers instructions;
- b) Periodic regulatory or other functional testing to be performed in a non-destructive manner;
- c) Periodic regulatory or other functional testing to be performed using a specific and controlled test temperature which does not exceed manufacturer's testing instructions;
- d) Periodic regulatory or other functional testing to be performed using a testing device specifically intended for the purpose of testing the specific type and temperature setting of fire/heat detectors; and
- e) Testing procedures and/or user documentation shall include the maximum test temperature (or maximum test temperature above set point) that can be used without damaging the detector and warning of possible damage from overheating during testing.

UL copyrighted material. No authorized further reproduction without prior permission from UL.

BSR/UL 854, Standard for Safety for Service-Entrance Cables

1. Revision to table 14.1, 14.2 and 14.4 to allow XL composite insulation as an inner layer

PROPOSAL

Note from UL Standards Project Manager: The entire Table 14.1 is not provided below. For brevity, only the affected portions of the table are provided.

Table 14.1

Constructions of single-conductor Type USE cables

NOTE: FOR DETAILS OF BLANK OR INCOMPLETE BOXES REFER TO THE CORRESPONDING BOX ON THE PAGE PRECEDING IT.

Insulation			Jacket			Cable surface marking (see Section 40)	Applicable requirements in UL 44 (includes spark or tank testing of all production)
Material	Physical properties	Thicknesses	Material	Physical properties	Thicknesses		
90°C dry, 75°C wet: CP, CPE, EPCV, or XL over EP, <u>XL</u> or <u>EPCV</u> or CP or CPE over EPCV	CP ^b : 121°C aging in Table 50.1 of UL 1581 CPE ^b : Table 50.34 of UL 1581 (121°C aging)	Table 44.3 <u>14.4</u>	No jacket			"USE"	600 V RHH and RHW insulated with unjacketed CP, CPE, EPCV, or XL over EP, <u>XL</u> , or <u>EPCV</u> . or CP over EPCV. Horizontal flame test not required (see last sentence of 40.1).
	EP ^b : Table 11 50.42 of UL 44 1581 same as <u>Type RHH</u> (121°C aging for all applications) EPCV ^b : Table						"USE OR RHW OR RHH"

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

	50.62 of UL 1581 (121° C aging for all applications) XL ^b : 113° C aging in Table 50.231 of UL 1581			CP over EPCV. Horizontal flame test is required
--	---	--	--	--

Note from UL Standards Project Manager: The entire Table 14.1 is not provided below. For brevity, only the affected portions of the table are provided.

Table 14.2

Acceptable constructions of single-conductor Type USE-2 cable

Insulation			Jacket			Cable surface marking (see Section 39)	Applicable requirements in UL 44 (includes spark or tank testing of all production)
Material	Physical properties	Thicknesses	Material	Physical properties	Thicknesses		
CP, CPE, EPCV, or XL over EP, XL, or EPCV. CP over EP	CP ^a : 121° caging in Table 50.1 of UL 1581 CPE ^b : Table 50.34 of UL 1581 (121° C aging) EP ^a : Table 11 50.42 of UL 1581 (same as Type RHH)(121° C aging for all					"USE-2"	600 V RHW-2 insulated with unjacketed CP, CPE, EPCV, or XL over EP, XL or EPCV or CP over EPCV . Horizontal flame test not required (see last sentence of 39.1).

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

	applications)				
or CP over EPCV	EPCV ^a : Table 50.62 of UL 1581 (121°C aging for all applications) XL ^b : 113°C aging in Table 50.231 of UL1581	Table 44.3 14.4	No jacket	"USE-2 or RHW-2"	600 V RHW-2 insulated with unjacketed CP, CPE, EPCV or XL over EP, XL or EPCV or CP over EPCV. Horizontal flame test is required.

Table 14.4

Thicknesses of insulation of CP, CPE, EPCV, or XL over EP, XL, or EPCV or of CP over EPCV on single-conductor Type USE-2 and USE cables with no jacket over the insulation

Sizes(s) of conductor or		Mils						mm					
		Inner layer EP, XL or EPCV			Outer layer CP, CPE, EPCV, or XL			Inner layer EP, XL or EPCV			Outer Layer CP, CPE, EPCV, or XL		
		Nominal thicknesses of insulation ^a	Minimum thickness at any point of insulation ^a		Nominal thicknesses of insulation ^b	Minimum thickness at any point of insulation ^a		Nominal thicknesses of insulation ^b	Minimum thickness at any point of insulation ^a		Nominal thicknesses of insulation ^b	Minimum thickness at any point of insulation ^a	
I	II		I	II		I	II		I	II			
Copper	Aluminum or copper-clad aluminum												
AWG	AWG												
14 - 10	12 - 10	30	27	28	15	14	12	0.76	0.69	0.71	0.38	0.36	0.30

9 - 8	9 - 8	45	40	42	15	14	12	1.14	1.02	1.07	0.38	0.36	0.30
7 - 2	7 - 2	45	40	44	30	27	24	1.14	1.02	1.12	0.76	0.69	0.61
1 - 4/0	1 - 4/0	55	50	54	45	40	36	1.40	1.27	1.37	1.14	1.02	0.91
kc mil	kc mil												
213 - 500	213 - 500	65	58	65	65	58	52	1.65	1.47	1.65	1.65	1.47	1.32
501 - 1000	501 - 1000	80	72	78	65	58	52	2.03	1.83	1.98	1.65	1.47	1.32

^a The minimum thickness at any point shall not be less than indicated in column I or II under "Inner Layer" provided that the minimum thickness at any point is not less than indicated in the corresponding column I or II under "Outer Layer". The thickness in column II under "Inner Layer" plus the thickness in column II under "Outer Layer" equals 90 percent of the sum of the average thicknesses indicated under "Inner Layer" and "Outer Layer".

^b The nominal insulation thickness is not a requirement, but for simplicity of identifying cable products.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 1838, Standard for Low Voltage Landscape Lighting Systems

1. Revision to Ambient Temperature Measurement Method

PROPOSAL

33.2 The values for temperature in Table 33.1 are based on an assumed ambient temperature of 25°C (77°F), and tests are to be conducted at an ambient temperature of 25 ±5°C (77 ±9°F). Ambient temperature variations above or below 25°C shall be respectively subtracted from or added to temperatures recorded at points on the luminaire. The ambient temperature is to be measured by means of a thermocouple immersed in a bath of 15 milliliters of mineral oil in a glass container, or other means equivalently immune to air turbulence or convection currents. ~~The oil bath is to be placed:~~

a) ~~At the same level as the horizontal plane formed by a line that passes through the power unit halfway down its vertical length; and~~

b) ~~At least three power unit diameters from the power unit horizontally.~~

Exception: The test is able to be conducted at a higher ambient temperature if agreeable to all concerned.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.