ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 45, #26 *June 27, 2014*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: July 27, 2014

AMCi (AMC Institute)

Revision

BSR/AMCI A100.1-201x, AMC Standard of Good Practices for Association Management Companies (revision and redesignation of ANSI/IAAMC A100.1-2008)

The AMC Institute Standard establishes requirements that provide a measurement for practices that can be utilized by all sizes and types of Association Management Companies (AMCs) in order to enhance the performance of the AMC and their staff.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Charles Sapp, (856) 423-7222 ext 242, csapp@talley.com

RESNET (Residential Energy Services Network, Inc.)

Addenda

BSR/RESNET 301-2014, Addenda A-201x, Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index, Addenda A: Domestic Hot Water (addenda to ANSI/RESNET 301-2014)

The proposed addenda to standard ANSI/RESNET 301-2014 will modify the calculation of domestic hot water heating energy as it affects the Home Energy Rating System Index score of a home.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See http://www.resnet.us/professional/standards/consensus.

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (revision of ANSI/UL 842-2013)

The following topics are being proposed: (1) Revision to the Deformation Test; (2) Revision to the Endurance Test and addition of Endurance Test - Mechanical Line Leak Detectors: and (3) Clarification of testing for elastomer materials.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1286-201x, Standard for Safety for Office Furnishings (revision of ANSI/UL 1286-2013a)

(1) Revised figure for vertically adjustable surfaces.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1323-201x, Standard for Safety for Scaffold Hoists (revision of ANSI/UL 1323-2012)

This proposal revises the requirements for hoisting speed in paragraph 5.1.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2013)

These revisions clarify the secondary shut-off operation requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

Comment Deadline: August 11, 2014

ADA (American Dental Association)

Reaffirmation

BSR/ADA Standard No. 1039-2006 (R201x), Standard Clinical Conceptual Data Model (reaffirmation and redesignation of ANSI/ADA 1039-2006)

This standard provides descriptions of activities and data structures specific to clinical healthcare and population health services. It presents a high-level structured analysis of the fundamental activities shared throughout the delivery of healthcare services and the principal types of data needed to support these activities.

Single copy price: $82.00

Obtain an electronic copy from: wardm@ada.org

Order from: Marilyn Ward, (312) 440-2506, wardm@ada.org

Send comments (with copy to psa@ansi.org) to: Paul Bralower, (312) 587-4129, bralowerp@ada.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B30.9-201x, Slings (revision of ANSI/ASME B30.9-2010)

Volume B30.9 includes provisions that apply to the fabrication, attachment, use, inspection, testing, and maintenance of slings used for load handling purposes, used in conjunction with equipment described in other volumes of the B30 Standard, except as restricted in B30.12 and B30.23. Slings fabricated from alloy steel chain, wire rope, metal mesh, synthetic fiber rope, synthetic webbing, and polyester fiber yarns in a protective cover(s) are addressed. All slings, including those fabricated from materials or constructions other than those detailed in this Volume, shall be used only in accordance with the recommendations of the sling manufacturer or a qualified person.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

AWEA (American Wind Energy Association)

New Standard

BSR/AWEA Swt-1-201X, Small Wind Turbine Standard (new standard)

The standard will provide standardized performance ratings and ensure that small wind turbines that meet the standard have been engineered to meet carefully considered requirements for safety and operation. The standard will reference and specify modifications to IEC 61400-2, IEC 61400-12-1, and IEC 61400-11. The standard will apply to electricity-producing wind-turbine systems having a rotor-swept area of 200 m2 or less.

Single copy price: Free

Obtain an electronic copy from: mmihelic@awea.org

Order from: Michele Mihelic, (202) 383-2500, mmihelic@awea.org

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

FM (FM Approvals)

New Standard

BSR/FM 4476-201x, Flexible Photovoltaic Modules (new standard)

This test standard provides a procedure for evaluating flexible photovoltaic modules for their performance in regard to fire from above the structural deck, simulated wind uplift, and susceptibility from hail storm damage.

Single copy price: Free

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

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

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

HL7 (Health Level Seven)

New Standard

BSR/HL7 V3 CPM CMET, R1-201x, HL7 Version 3 Standard: Common Product Model, Release 1 (new standard)

The Common Product Model CMETs provides a common definition of products that can be used in a variety of other models to ensure consistency where products must be referenced.

Single copy price: Free to HL7 members; free to non-members 90 days following ANSI approval and HL7 publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 SPL, R5-201x, HL7 Version 3 Standard: Structured Product Labeling, Release 5 (revision and redesignation of ANSI/HL7 V3 SPL, R4 -2009)

The release of SPL specifies the data elements and exchange format for transmission of information uniquely identifying a medication product at the packing confirmation levels. It includes the use of the new ITS R2B data type (Data Types R1.1), allowing the SPL R5 schema to be backward compatible with the SPL R4 schema. New content in the "Preface" includes language that describes uses of the standard beyond labeling, including the following: "Medical Device Labelers will be required to submit device identification information for medical devices commercially distributed in the US".

Single copy price: Free to members; free to non-members 90 days following ANSI approval and HL7 publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V2.8.1-201x, Health Level Seven Standard Version 2.8.1 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI HL7 V2.8-2014)

This is an interim release of the Version 2.8 standard deemed necessary to support the development of a number of implementation guides to support a Meaningful Use stage issued by the US Federal Government's Health and Human Services (HHS). The proposed changes are as follows: (1) New order control codes; (2) Updated application acknowledgment message structures; (3) Addition of new fields in OBX; and (4) Updated conformance constructs.

Single copy price: Free to members; free to non-members 90 days following ANSI approve and HL7 publication

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

ICC (International Code Council)

New Standard

BSR/ICC 900/SRCC 300-201x, Standard for Solar Water Heating Systems (new standard)

This standard establishes minimum requirements for the system design, performance evaluation, and installation instructions of solar water heating systems. This standard establishes a methodology for rating the performance of solar water heating systems based on performance projections and solar collector test data. This standard is applicable to residential and commercial solar water heating systems intended for use within swimming pool heating, building space heating, building space cooling, and/or water heating systems. It is applicable to both direct and indirect solar water heating systems.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/cs/standards/IS-STSC/Pages/default.aspx

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

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

ICC (International Code Council)

New Standard

BSR/ICC 901/SRCC 100-201x, Standard for Solar Thermal Collectors (new standard)

This standard establishes minimum requirements for the design, construction, performance, and testing of liquid- and air-heating solar thermal collectors, including those containing distributed assembly and integral concentrating components and integral storage and nonseparable thermosiphon units. This standard is applicable to solar collectors intended for use within swimming pool and spa heating, building space heating and cooling, water heating systems, industrial/commercial process heating, and thermal input to electrical power production systems.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/cs/standards/IS-STSC/Pages/default.aspx

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

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

ISEA (International Safety Equipment Association)

Revision

BSR/ISEA Z358.1-201x, Emergency Eyewash and Shower Equipment (revision of ANSI/ISEA Z358.1-2009)

The standard establishes minimum performance and use requirements for emergency flushing fixtures for the immediate treatment of the eyes or body of a person who has been exposed to injurious or corrosive materials. Specific equipment includes: emergency showers; eyewash equipment; eye/face wash equipment; combination units and supplemental equipment such as personal wash units and drench hoses.

Single copy price: $30.00

Obtain an electronic copy from: cfargo@safetyequipment.org

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetyequipment.org

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

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

New National Adoption

INCITS/ISO 19115-1:2014, Geographic information - Metadata - Part 1: Fundamentals (identical national adoption of ISO 19115 and revision of INCITS/ISO 19115-2003 [R2013])

ISO 19115-1:2014 defines the schema required for describing geographic information and services by means of metadata. It provides information about the identification, the extent, the quality, the spatial and temporal aspects, the content, the spatial reference, the portrayal, distribution, and other properties of digital geographic data and services. ISO 19115-1:2014 is applicable to:

- the cataloguing of all types of resources, clearinghouse activities, and the full description of datasets and services; and

- geographic services, geographic datasets, dataset series, and individual geographic features and feature properties.

Single copy price: $314.00

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)

New National Adoption

INCITS/ISO 19153:2014, Geospatial Digital Rights Management Reference Model (GeoDRM RM) (identical national adoption of ISO 19153:2014)

ISO 19153:2014 is a reference model for digital rights management (DRM) functionality for geospatial resources (GeoDRM). As such, it is connected to the general DRM market in that geospatial resources shall be treated as nearly as possible like other resources, such as music, text, or services. It is not the intention to reinvent a market nor the technology that already exists and is thriving, but to make sure that a larger market has access to geospatial resources through a mechanism that it understands and that is similar to and consistent with the ones already in use.

Single copy price: $259.00

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)

New National Adoption

INCITS/ISO 19157:2013, Geographic information - Data quality (identical national adoption of ISO 19157:2013)

ISO 19157:2013 establishes the principles for describing the quality of geographic data. It:

- defines components for describing data quality;

- specifies components and content structure of a register for data quality measures;

- describes general procedures for evaluating the quality of geographic data; and

- establishes principles for reporting data quality.

Single copy price: $295.00

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)

New National Adoption

INCITS/ISO/IEC 7816-1:2011, Identification cards - Integrated circuit cards - Part 1: Cards with contacts - Physical characteristics (identical national adoption of ISO/IEC 7816-1:2011 and revision of INCITS/ISO/IEC 7816 -1:1998 [R2009 and INCITS/ISO/IEC 7816-1:1998/AM1:2003 [R2009])

ISO/IEC 7816-1:2011 specifies the physical characteristics of integrated circuit cards with contacts. It applies to identification cards of the ID-1 card type, which can include embossing and/or a magnetic stripe and/or tactile identifier mark as specified in ISO/IEC 7811. Test methods are specified in ISO/IEC 10373-1. ISO/IEC 7816-1:2011 applies to cards which have a physical interface with electrical contacts. It does not, however, define the nature, number, and position of the integrated circuits in the cards.

Single copy price: $58.00

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)

New National Adoption

INCITS/ISO/IEC 8824-1:2008, Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation (identical national adoption of ISO/IEC 8824-1:2008 and revision of INCITS/ISO/IEC 8824 -1:2004 [R2009])

ISO/IEC 8824-1:2008 specifies a standard notation called Abstract Syntax Notation One (ASN.1) that is used for the definition of data types, values, and constraints on data types. ISO/IEC 8824-1:2008 defines a number of simple types, with their tags, and specifies a notation for referencing these types and for specifying values of these types; defines mechanisms for constructing new types from more basic types, and specifies a notation for defining such types and assigning them tags, and for specifying values of these types; and defines character sets (by reference to other ITU-T Recommendations and International Standards) for use within ASN.1

Single copy price: $314.00

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)

New National Adoption

INCITS/ISO/IEC 8824-2:2008, Information technology - Abstract Syntax Notation One (ASN.1): Information object specification (identical national adoption of ISO/IEC 8824-2:2008 and revision of INCITS/ISO/IEC 8824 -2:2008 [R2009])

ISO/IEC 8824-2:2008 is part of Abstract Syntax Notation One (ASN.1) and provides notation for specifying information object classes, information objects, and information object sets.

Single copy price: $165.00

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)

New National Adoption

INCITS/ISO/IEC 8824-3:2008, Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification (identical national adoption of ISO/IEC 8824-3:2008 and revision of INCITS/ISO/IEC 8824-3:2004 [R2009])

ISO/IEC 8824-3:2008 is part of Abstract Syntax Notation One (ASN.1) and provides notation for specifying user-defined constraints, table constraints, and contents constraints.

Single copy price: $88.00

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)

New National Adoption

INCITS/ISO/IEC 8824-4:2008, Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications (identical national adoption of ISO/IEC 8824-4:2008 and revision of INCITS/ISO/IEC 8824-4:2008 [R2009])

ISO/IEC 8824-4:2008 is part of Abstract Syntax Notation One (ASN.1) and defines notation for parameterization of ASN.1 specifications.

Single copy price: $108.00

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)

New National Adoption

INCITS/ISO/IEC 8825-1:2008, Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (identical national adoption of ISO/IEC 8825-1:2008 and revision of INCITS/ISO/IEC 8825 -1:2004 [R2009])

ISO/IEC 8825-1:2008 specifies a set of basic encoding rules that can be used to derive the specification of a transfer syntax for values of types defined using the notation specified in ISO/IEC 8824-1, ISO/IEC 8824-2, ISO/IEC 8824-3, and ISO/IEC 8824-4, collectively referred to as Abstract Syntax Notation One or ASN.1. These basic encoding rules can also be applied for decoding such a transfer syntax in order to identify the data values being transferred. ISO/IEC 8825-1:2008 also specifies a set of canonical and distinguished encoding rules that restrict the encoding of values to just one of the alternatives provided by the basic encoding rules.

Single copy price: $156.00

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)

New National Adoption

INCITS/ISO/IEC 8825-2:2008, Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) (identical national adoption of ISO/IEC 8825-2:2008 and revision of INCITS/ISO/IEC 8825 -2:2004 [R2009])

ISO/IEC 8825-2:2008 specifies a set of Packed Encoding Rules that can be used to derive a transfer syntax for values of types defined in ISO/IEC 8824 -1. These Packed Encoding Rules can also be applied for decoding such a transfer syntax in order to identify the data values being transferred.

Single copy price: $224.00

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)

New National Adoption

INCITS/ISO/IEC 8825-3:2008, Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) (identical national adoption of ISO/IEC 8825-3:2008 and revision of INCITS/ISO/IEC 8825 -3:2008 [R2009])

ISO/IEC 8825-3:2008 defines Encoding Control Notation (ECN): a notation for specifying encodings of ASN.1 types or of parts of types. It provides several mechanisms for such specification, including: direct specification of the encoding using standardized notation; specification of the encoding by reference to standardized encoding rules; specification of the encoding of an ASN.1 type by reference to an encoding structure; specification of the encoding using non-ECN notation. It also provides the means to link the specification of encodings to the type definitions to which they are to be applied.

Single copy price: $314.00

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)

New National Adoption

INCITS/ISO/IEC 8825-4:2008, Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) (identical national adoption of ISO/IEC 8825-4:2008 and revision of INCITS/ISO/IEC 8825-4:2002 [R2009])

ISO/IEC 8825-4:2008 specifies a set of basic XML Encoding Rules (BASIC-XER) that can be used to derive a transfer syntax for values of types defined in ISO/IEC 8824-1 and ISO/IEC 8824-2. It also specifies a set of Canonical XML Encoding Rules (CXER) which provide constraints on the basic XML Encoding Rules and produce a unique encoding for any given ASN.1 value. ISO/IEC 8825-4:2008 further specifies a set of extended XML Encoding Rules (EXTENDED-XER) which adds further encoder options, and also allows the ASN.1 specifier to vary the encoding that would be produced by BASIC-XER

Single copy price: $240.00

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)

New National Adoption

INCITS/ISO/IEC 10746-2:2009, Information technology - Open distributed processing - Reference model: Foundations (identical national adoption of ISO/IEC 10746-2:2009 and revision of INCITS/ISO/IEC 10746-2:2009 [R2009])

ISO/IEC 10746 provides a coordinating framework for the standardization of open distributed processing (ODP). This supports distribution, interworking, portability, and platform and technology independence. It establishes an enterprise architecture framework for the specification of ODP systems. ISO/IEC 10746 defines the essential concepts necessary to specify open distributed processing systems from five prescribed viewpoints. It provides a well-developed framework for the structuring of specifications for large-scale, distributed systems

Single copy price: $139.00

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)

New National Adoption

INCITS/ISO/IEC 10746-3:2009, Information technology - Open distributed processing - Reference model: Architecture (identical national adoption of ISO/IEC 10746-3:2009 and revision of INCITS/ISO/IEC 10746-3:1996 [R2009])

ISO/IEC 10746 provides a coordinating framework for the standardization of open distributed processing (ODP). This supports distribution, interworking, portability, and platform and technology independence. It establishes an enterprise architecture framework for the specification of ODP systems. ISO/IEC 10746 defines the essential concepts necessary to specify open distributed processing systems from five prescribed viewpoints. It provides a well-developed framework for the structuring of specifications for large-scale, distributed systems.

Single copy price: $211.00

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)

New National Adoption

INCITS/ISO/IEC 11693-1:2012, Identification cards - Optical memory cards - Part 1: General characteristics (identical national adoption of ISO/IEC 11693 -1:2012 and revision of INCITS/ISO/IEC 11693:2005 [2009])

The intent of ISO/IEC 11693-1:2012 is to provide necessary information for card manufacturers, card issuers, and card users interested in interchanging information encoded on optical memory cards. ISO/IEC 11693-1:2012 serves as a guide to companies who plan to develop equipment and systems using optical memory cards. The data content and use of the cards depend upon the applications developed by each industry group.

Single copy price: $58.00

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)

New National Adoption

INCITS/ISO/IEC 11694-1:2012, Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (identical national adoption of ISO/IEC 11694-1:2012 and revision of INCITS/ISO/IEC 11694 -1:2005 [2009])

ISO/IEC 11694-1:2012 defines the physical characteristics of optical memory cards using the linear recording method.

Single copy price: $51.00

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)

New National Adoption

INCITS/ISO/IEC 11694-2:2012, Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and location of the accessible optical area (identical national adoption of ISO/IEC 11694-2:2012 and revision of INCITS/ISO/IEC 11694-2:2005 [2009])

ISO/IEC 11694-2:2012 defines the dimensions and location of the accessible optical area of optical memory cards with ID-1 dimensions using the linear recording method.

Single copy price: $58.00

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 9798-3:1998 [R2014], Information technology - Security techniques - Entity authentication - Part 3: Mechanisms using digital signature techniques (reaffirmation of INCITS/ISO/IEC 9798-3:1998 [2009])

This part of ISO/IEC 9798 specifies entity authentication mechanisms using digital signatures based on asymmetric techniques. Two mechanisms are concerned with the authentication of a single entity (unilateral authentication), while the remaining are mechanisms for mutual authentication of two entities. A digital signature is used to verify the identity of an entity. A trusted third party may be involved.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 9798-4:1999 [R2014], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function (2nd edition) (reaffirmation of INCITS/ISO/IEC 9798-4:1999 [R2009])

This part of ISO/IEC 9798 specifies entity authentication mechanisms using a cryptographic check function. Two mechanisms are concerned with the authentication of a single entity (unilateral authentication), while the remaining are mechanisms for mutual authentication of two entities.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 10118-1:2000 [R2014], Information technology - Security techniques - Hash-functions - Part 1: General (reaffirmation of INCITS/ISO/IEC 10118-1:2000 [R2009])

ISO/IEC 10118 specifies hash-functions and is therefore applicable to the provision of authentication, integrity and non-repudiation services. Hash-functions map arbitrary strings of bits to a fixed-length strings of bits, using a specified algorithm. They can be used for reducing a message to a short imprint for input to a digital signature mechanism, and committing the user to a given string of bits without revealing this string.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 10118-3:2004 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-functions (reaffirmation of INCITS/ISO/IEC 10118-3:2004 [R2009])

This part of ISO/IEC 10118 specifies dedicated hash-functions, i.e., specially designed hash-functions. The hash-functions in this part of ISO/IEC 10118 are based on the iterative use of a round-function. Seven distinct round-functions are specified, giving rise to distinct dedicated hash-functions. The first and third dedicated hash-functions in clauses 7 and 9, respectively, provide hash-codes of lengths up to 160 bits; the second in clause 8 provides hash-codes of lengths up to 128 bits; the fourth in clause 10 provides hash-codes of lengths up to 256 bits; the sixth in clause 12 provides hash-codes of a fixed length, 384 bits.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 10118-3:2004/AM1:2006 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-function 8 (SHA-224) - Amendment 1 (reaffirmation of INCITS/ISO/IEC 10118 -3:2004/AM1:2006 [2009])

This is the first amendment to INCITS/ISO/IEC 10118-3:2004.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 10918-4:1999 [R2014], Information technology - Digital compression and coding of continuous-tone still images: Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types and Registration Authorities (REGAUT) (reaffirmation of INCITS/ISO/IEC 10918-4:1999 [2009])

This Recommendation | International Standard provides for the unique registration of JPEG and SPIFF Profiles, SPIFF Tags, SPIFF colour Spaces, application-specific Markers, SPIFF Compression types and images Registration authorities as defined in the CCITT Rec. T.81 | ISO/IEC 10918 -1 and ITU-T Rec. T.84 | ISO/IEC 10918-3. Unless it is otherwise specified, (P)rofiles, (T)ags, colour (S)paces, (M)arkers, (C)ompression types and image (R)egistration authorities will be referred to as PTSMCR items.

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 10918-3-1997/AM1-1999 [R2014], Information technology - Digital Compression and coding of continuous-tone still images - Part 3: Extensions - Amendment 1: Provisions to allow registration of new compression types and versions in the SPIFF header (reaffirmation of INCITS/ISO/IEC 10918-3:1997/AM1:1999 [2009])

Amendment 1 to ISO/IEC 10918-3:1997.

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 11770-2:2008 [R2014], Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques (reaffirmation of INCITS/ISO/IEC 11770-2:2008 [2009])

ISO/IEC 11770 is concerned with the management of cryptographic keys. ISO/IEC 11770-2:2008 specifies a series of 13 mechanisms for establishing shared secret keys using symmetric cryptography. These mechanisms address three different environments for the establishment of shared secret keys: point-to-point key establishment schemes, mechanisms using a Key Distribution Centre (KDC), and techniques that use a Key Translation Centre (KTC). ISO/IEC 11770-2:2008 describes the content of messages which carry keying material or are necessary to set up the conditions under which the keying material can be established.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 11770-3:2008 [R2014], Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques (reaffirmation of INCITS/ISO/IEC 11770-3:2008 [2009])

ISO/IEC 11770-3:2008 defines key management mechanisms based on asymmetric cryptographic techniques.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 12087-2:1994 [R2014], Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 2: Programmer's imaging kernel system application programme interface (reaffirmation of INCITS/ISO/IEC 12087 -2:1994 [S2009])

Establishes the specification of the application program interface (API), called the Programmer's Imaging Kernel System (PIKS). PIKS is intended to provide a rich set of both low-level and high-level services on image and image-derived data objects. These services can be used as building blocks for a broad range of common imaging applications. Lists are included containing a summary of technological capabilities provided by PIKS and not provided by PIKS. It should be noted that PIKS functionality may be useful as a pre-processor or co-processor for many of the technologies in the "Not provided by PIKS" list.

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 13818-4:2004 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing (reaffirmation of INCITS/ISO/IEC 13818-4:2004 [R2009])

This part of ISO/IEC 13818 specifies how tests can be designed to verify whether bitstreams and decoders meet requirements specified in parts 1, 2, 3, and 7 of ISO/IEC 13818. In this part of ISO/IEC 13818, encoders are not addressed specifically. An encoder may be said to be an ISO/IEC 13818 encoder if it generates bitstreams compliant with the syntactic and semantic bitstream requirements specified in parts 1, 2, 3, and 7 of ISO/IEC 13818.

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 13818-7:2006 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) (reaffirmation of INCITS/ISO/IEC 13818 -7:2006 [2009])

This International Standard describes the MPEG-2 audio non-backwards compatible standard called MPEG-2 Advanced Audio Coding, AAC [1], a higher quality multichannel standard than achievable while requiring MPEG -1 backwards compatibility. This MPEG-2 AAC audio standard allows for ITU-R 'indistinguishable' quality according to [2] at data rates of 320 kbit/s for five full-bandwidth channel audio signals. The AAC decoding process makes use of a number of required tools and a number of optional tools. Table 1 lists the tools and their status as required or optional. Required tools are mandatory in any possible profile. Optional tools may not be required in some profiles.

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 13818-10:1999 [R2014], Information Technology - Generic coding of moving pictures and associated audio information - Part 10: Conformance extensions for Digital Storage Media Command and Control (DSM-CC) (reaffirmation of INCITS/ISO/IEC 13818-10:1999 [R2009])

This part of ISO/IEC 138 defines compliance to Data Storage Media Command and Control (DSMCC) standard in 2 steps: the static review and the dynamic review, as defined in ISO/IEC 9646 Conformance Testing standard. The static review requirements are specified in clause 4 of this part of ISO/IEC 13818 in the form of Protocol Implementation Conformance Statement (PICS) proforma. The ATS used for dynamic review is described in clause 5.

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 13818-4:2004/AM1:2005 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 1: MPEG-2 IPMP conformance testing (reaffirmation of INCITS/ISO/IEC 13818-4:2004/AM1:2005 [2009])

Amendment 1 to ISO/IEC 13818-4:2004.

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 13818-4:2004/AM2:2005 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 2: Additional audio conformance test sequences (reaffirmation of INCITS/ISO/IEC 13818-4:2004/AM2:2005 [2009])

Amendment 2 to ISO/IEC 13818-4:2004.

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 13818-6:1998/AM2:2000 [R2014], Information technology - Generic coding coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC AM2: Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services (reaffirmation of INCITS/ISO/IEC 13818 -6:1998/AM2:2000 [R2009])

Amendment 2 to ISO/IEC 13818-6:1998.

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 13818-7:2006/AM1:2007 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC (reaffirmation of INCITS/ISO/IEC 13818-7:2006/AM1:2007 [2009])

Amendment 1 to ISO/IEC 13818-7:2006.

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 13888-1:2009 [R2014], Information technology - Security techniques - Non-repudiation - Part 1: General (reaffirmation of INCITS/ISO/IEC 13888-1:2009 [2009])

This part of ISO/IEC 13888 serves as a general model for subsequent parts specifying non-repudiation mechanisms using cryptographic techniques. ISO/IEC 13888 provides non-repudiation mechanisms for the following phases of non-repudiation:

- evidence generation;
- evidence transfer, storage and retrieval; and
- evidence verification.

Dispute arbitration is outside the scope of ISO/IEC 13888.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 14496-11:2005 [R2014], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine (reaffirmation of INCITS/ISO/IEC 14496-11:2005 [2009])

This part of ISO/IEC 14496 specifies: (1) The coded representation of the spatio-temporal positioning of audio-visual objects as well as their behavior in response to interaction (scene description); (2) The Extensible MPEG-4 Textual (XMT) format, a textual representation of the multimedia content described in ISO/IEC 14496 using the Extensible Markup Language (XML); and (3) A system-level description of an application engine (format, delivery, lifecycle, and behavior of downloadable Java byte code applications).

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 14496-13:2004 [R2014], Information technology - Coding of audio-visual objects - Part 13: Intellectual Property Management and Protection (IPMP) extensions (reaffirmation of INCITS/ISO/IEC 14496 -13:2004 [2009])

The definition, as well as Extension tags, syntax and semantics for an IPMP_Data_BaseClass to support the following functionalities. Mutual Authentication for IPMP tool to IPMP tool as well as IPMP tool to Terminal communication. The requesting by IPMP tools of the connection/disconnection to requested IPMP tools. The notification to IPMP tools of the connection/disconnection of IPMP tools. Common IPMP processing. IPMP tool to/from User interaction.

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 14496-17:2006 [R2014], Information technology - Coding of audio-visual objects - Part 17: Streaming text format (reaffirmation of INCITS/ISO/IEC 14496-17:2006 [2009])

ISO/IEC 14496-17:2006 was developed in response to the need for a generic method for coding of text at very low bitrate as one of the multimedia components within an audiovisual presentation. ISO/IEC 14496-17:2006 allows for example subtitles and Karaoke song texts to be coded and transported as separate text streams at bitrates that are sufficently low for use in mobile services over IP. Target applications are in particular found in areas with severe transmission bandwidth constraints, such as mobile services over IP.

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 14496-18:2004 [R2014], Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming (reaffirmation of INCITS/ISO/IEC 14496-18:2004 [2009])

This part of ISO/IEC 14496 specifies functionalities for the communication of font data as part of the MPEG-4 encoded audio-visual presentation. More specifically, it defines: (1) Font format representation that is utilized for font data encoding (OpenType); (2) Font compression technology for TrueType and OpenType fonts with TrueType outlines; and (3) The coded representation of information in font data streams.

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 14496-19:2004 [R2014], Information technology - Coding of audio-visual objects - Part 19: Synthesized texture stream (reaffirmation of INCITS/ISO/IEC 14496-19:2004 [2009])

This part of ISO/IEC 14496 specifies functionalities for the transmission of Synthesized Texture data as part of the MPEG-4 encoded audio-visual presentation. More specifically, it defines: (1) The synthesized texture format representation that is utilized for Synthesized Texture data encoding; and (2) The coded representation of Synthesized Texture data streams.

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 14496-21:2006 [R2014], Information technology - Coding of audio-visual objects - Part 21: MPEG-J Graphics Framework eXtensions (GFX) (reaffirmation of INCITS/ISO/IEC 14496-21-2009)

This International Standard specifies MPEG-J Graphics Framework eXtension (GFX). This extension enables Java-based applications to control the rendering and composition of synthetic and natural media in a programmatic manner.

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 14496-23:2008 [R2014], Information technology - Coding of audio-visual objects - Part 23: Symbolic Music Representation (reaffirmation of INCITS/ISO/IEC 14496-23:2008 [2009])

This International Standard defines the Symbolic Music Representation technology. By capitalizing the Symbolic Music Representation technology, the acronym “SMR” has been derived. A symbolic representation of music is a logical structure based on symbolic elements representing audiovisual events, the relationship between those events, and aspects related to how those events can be rendered and synchronized with other media types.

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 14496-2:2004/AM1:2004 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 1: Error resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496 -2:2004/AM1:2004 [2009])

Amendment 1 to ISO/IEC 14496-2:2004.

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 14496-2:2004/AM2:2005 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 2: New levels for simple profile (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM2:2005 [2009])

Amendment 2 to ISO/IEC 14496-2:2004.

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 14496-2:2004/AM3:2007 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 3: Support of colour spaces (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM3:2007 [2009])

Amendment 3 to ISO/IEC 14496-2:2004

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 14496-2:2004/AM4:2008 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 4: Simple profile level 6 (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM4:2008 [2009])

Amendment 4 to ISO/IEC 14496-2:2004.

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 14496-4:2004/AM1:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 1: Conformance testing for MPEG-4 (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM1:2005 [2009])

Amendment 1 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM2:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 2: MPEG-4 conformance extensions for XMT and media nodes (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM2:2005 [2009])

Amendment 2 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM3:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 3: Visual new levels and tools (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM3:2005 [2009])

Amendment 3 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM4:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: IPMPX conformance extensions (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM4:2005 [2009])

Amendment 4 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM9:2006 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 9: AVC fidelity range extensions conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM9:2006 [2009])

Amendment 9 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM5:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 5: Conformance extensions for error-resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM5:2005 [2009])

Amendment 5 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM4:2004 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 4: IPMPX reference software extensions (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM4:2004 [2009])

Amendment 4 to ISO/IEC 14496-5:2001.

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 14496-4:2004/AM6:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 6: Advanced Video Coding conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM6:2005 [2009])

Amendment 6 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM5:2004 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 5: Reference software extensions for error resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM5:2004 [2009])

Amendment 5 to ISO/IEC 14496-5:2001.

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 14496-4:2004/AM7:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 7: AFX conformance extensions (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM7:2005 [2009])

Amendment 7 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM6:2005 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software (reaffirmation of INCITS/ISO/IEC 14496 -5:2001/AM6:2005 [2009])

Amendment 6 to ISO/IEC 14496-5:2001.

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 14496-5:2001/AM7:2005 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 7: AFX reface software extensions (reaffirmation of INCITS/ISO/IEC 14496 -5:2001/AM7:2005 [2009])

Amendment 7 to ISO/IEC 14496-5:2001.

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 14496-4:2004/AM17:2007 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 17: Advanced text and 2D graphics conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM17:2007 [2009])

Amendment 17 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM8:2006 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 8: AVC fidelity range extensions reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM8:2006 [2009])

Amendment 8 to ISO/IEC 14496-5:2001.

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 14496-4:2004/AM23:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 23: Synthesized texture conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM23:2008 [2009])

Amendment 23 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM9:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 9: Morphing & Textures reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM9:2007 [2009])

Amendment 9 to ISO/IEC 14496-5:2001.

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 14496-4:2004/AM24:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 24: File format conformance (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM24:2008 [2009])

Amendment 24 to ISO/IEC 14496-4:2004.

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 14496-11:2005/AM5:2007 [R2014], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine - Amendment 5: Support for Symbolic Music Notation (reaffirmation of INCITS/ISO/IEC 14496-11/AM5:2007 [2009])

Amendment 5 to ISO/IEC 14496-11:2005.

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 14496-4:2004/AM25:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 25: LASeR and SAF conformance (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM25:2008 [2009])

Amendment 25 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM26:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 26: Conformance levels and bitstreams for Open Font Format (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM26:2008 [2009])

Amendment 26 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM27:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 27: LASeR and SAF (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM27:2008 [2009])

Amendment 27 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM28:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 28: Conformance extensions for simple profile level 6 (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM28:2008 [2009])

Amendment 28 to ISO/IEC 14496-4:2004.

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 14496-4:2004/AM29:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 29: Symbolic Music representation (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM29:2008 [2009])

Amendment 29 to ISO/IEC 14496-4:2004.

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 14496-5:2001/AM10:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 10: SSC, DST, ALS, and SLS reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM10:2007 [2009])

Amendment 10 to ISO/IEC 14496-5:2001.

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 14496-5:2001/AM11:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 11: MPEG-J GFX reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM11:2007 [2009])

Amendment 11 to ISO/IEC 14496-5:2001.

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 14496-5:2001/AM12:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 12: Update file format reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM12:2007 [2009])

Amendment 12 to ISO/IEC 14496-5:2001.

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 14496-5:2001/AM13:2008 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 13: Geometry and shadow reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM13:2008 [2009])

Amendment 13 to ISO/IEC 14496-5:2001.

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 14496-5:2001/AM16:2008 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 16: Symbolic music Representation reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM16:2008 [2009])

Amendment 16 to ISO/IEC 14496-5:2001.

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 14772-2:2004 [R2014], Information technology - Computer graphics and image processing - The Virtual Reality Modelling Language (VRML) - Part 2: External Authoring Interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2:2004 [R2010])

ISO/IEC 14772-1, the Virtual Reality Modeling Language (VRML), defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 14772 defines the interface that applications external to the VRML browser may use to access and manipulate the objects defined in ISO/IEC 14772-1.

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 14888-2:2008 [R2014], Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms (reaffirmation of INCITS/ISO/IEC 14888-2:2008 [2009])

This part of ISO/IEC 14888 specifies digital signatures with appendix whose security is based on the difficulty of factoring the modulus in use. For each signature scheme, it specifies: (a) the relationships and constraints between all the data elements required for signing and verifying; (b) a signature mechanism, i.e., how to produce a signature of a message with the data elements required for signing; and (c) a verification mechanism, i.e., how to verify a signature of a message with the data elements required for verifying.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 14888-3:2006/COR1:2007 [R2014], Information technology - Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 14888-3:2006/COR1:2007 [2009])

This is the first corrigendum to INCITS/ISO/IEC 14888-3:2006.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 14888-3:2006/COR 2:2009 [R2014], Information technology - Security Techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Corrigendum 2 (reaffirmation of INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [2009])

This is the 2nd corrigendum to INCITS/ISO/IEC 14888-3:2006.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 15444-5:2003 [R2014], Information technology - JPEG 2000 Image Coding System - Reference software (reaffirmation of INCITS/ISO/IEC 15444-5:2003 [2009])

ITU-T Rec. T.800 | ISO/IEC 15444-1 defines a set of lossless and lossy compression methods for coding continuoustone, bi-level, greyscale or colour digital still images. This Recommendation | International Standard provides two independently created software reference implementations of ITU-T Rec. T.800 | ISO/IEC 15444-1, in order to assist implementers of ITU-T Rec. T.800 | ISO/IEC 15444-1 in testing and understanding its content.

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 15444-8:2007 [R2014], Information technology - JPEG 2000 image coding system - Secure JPEG 2000 (reaffirmation of INCITS/ISO/IEC 15444-8:2007 [2009])

This Recommendation | International Standard specifies the framework, concepts, and methodology for securing JPEG 2000 codestreams. The scope of this Recommendation | International Standard is to define: (1) a normative codestream syntax containing information for interpreting secure image data; (2) a normative process for registering JPSEC tools with a registration authority delivering a unique identifier; (3) informative examples of JPSEC tools in typical use cases; and (4) informative guidelines on how to implement security services and related metadata.

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 15444-9:2005 [R2014], Information technology - JPEG 2000 image coding system - Part 9: Interactivity tools, APIs and protocols (reaffirmation of INCITS/ISO/IEC 15444-9:2005 [2009])

This Recommendation | International Standard defines, in an extensible manner, syntaxes and methods for the remote interrogation and optional modification of JPEG 2000 codestreams and files in accordance with their definition in the following parts of ISO/IEC 15444:

- ITU-T Rec. T.800 | ISO/IEC 15444-1:2004 and its definition of a JPEG 2000 codestream and JP2 fileformat; and

- the JPEG 2000 family of file formats as defined in further parts of ISO/IEC 15444.

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 15444-11:2007 [R2014], Information technology - JPEG 2000 image coding system - Wireless (reaffirmation of INCITS/ISO/IEC 15444-11:2007 [2009])

This Recommendation | International Standard defines, in an extensible manner, syntaxes and methods for the protection against errors that may occur during the transmission of JPEG 2000 codestreams compliant with ITU-T Rec. T.800 | ISO/IEC 15444-1.

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 15444-13:2008 [R2014], Information technology - JPEG 2000 image coding system - An entry level JPEG 2000 encoder (reaffirmation of INCITS/ISO/IEC 15444-13:2008 [2009])

This Recommendation | International Standard was developed by the Joint Photographic Experts Group (JPEG), the joint ISO/ITU-T committee responsible for developing standards for continuous-tone still-picture coding. It also refers to the Recommendations | International Standards produced by this committee: ITU-T Rec. T.81 | ISO/IEC 10918-1, ITU-T Rec. T.83 | ISO/IEC 10918-2, ITU-T Rec. T.84 | ISO/IEC 10918-3, and ITU-T Rec. T.87 | ISO/IEC 14495-1.

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 15444-1:2004/AM1:2006 [R2014], Information technology - JPEG 2000 image coding system - Core coding system - Amendment 1: Profile for digital cinema applications (reaffirmation of INCITS/ISO/IEC 15444-1:2004/AM1:2006 [2009])

Amendment 1 to ISO/IEC 15444-1:2004.

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 15444-5:2003/AM1:2003 [R2014], Information technology - JPEG 2000 image coding system - Reference software - Amendment 1: Reference software for the JP2 file format (reaffirmation of INCITS/ISO/IEC 15444-5:2003/AM1:2003 [2009])

Amendment 1 to ISO/IEC 15444-5:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15444-9:2005/AM2:2008 [R2014], Information technology - JPEG 2000 image coding system - Interactivity tools, APIs and protocols - Amendment 2: JPIP extensions (reaffirmation of INCITS/ISO/IEC 15444 -9:2005/AM2:2008 [2009])

Amendment 2 to ISO/IEC 15444-9:2005.

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 15938-9:2005 [R2014], Information technology - Multimedia content description interface - Part 9: Profiles and levels (reaffirmation of INCITS/ISO/IEC 15938-9:2005 [2009])

This part of 15938-9 collects standard profiles and levels for MPEG-7, specified across all ISO/IEC 15938 parts. While all parts are potential candidates for profiling, current profiles concentrate on the description definition language [ISO/IEC 15938-2], visual [ISO/IEC 15938-3], audio [ISO/IEC 15938-4] and multimedia description schemes [ISO/IEC 15938-5], which are based on the namespace versioning defined in schema definition [ISO/IEC 15938-10].

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 15938-10:2005 [R2014], Information technology - Multimedia content description Interface - Part 10: Schema definition (reaffirmation of INCITS/ISO/IEC 15938-10:2005 [2009])

This International Standard specifies a metadata system for describing multimedia content. This part of ISO/IEC 15938 specifies the schema definition across all parts of ISO/IEC 15938. This part of ISO/IEC 15938 collects the description tools specified in ISO/IEC 15938, assigns a namespace designator, and specifies the resulting syntax description in a single schema using description definition language from ISO/IEC 15938-2.

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 15938-1:2002/AM1:2005 [R2014], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 1: Systems extensions (reaffirmation of INCITS/ISO/IEC 15938-1:2002/AM1:2005 [2009])

Amendment 1 to ISO/IEC 15938-1:2002.

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 15938-1:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 2: Fast access extension (reaffirmation of INCITS/ISO/IEC 15938-1:2002/AM2:2006 [2009])

Amendment 2 to ISO/IEC 15938-1:2002.

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 15938-3:2002/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 1: Visual extensions (reaffirmation of INCITS/ISO/IEC 15938-3:2002/AM1:2004 [2009])

Amendment 1 to ISO/IEC 15938-3:2002.

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 15938-3:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 2: New visual (reaffirmation of INCITS/ISO/IEC 15938-3:2002/AM2:2006 [2009])

Amendment 2 to ISO/IEC 15938-3:2002.

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 15938-4:2002/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 1: Audio extensions (reaffirmation of INCITS/ISO/IEC 15938-4:2002/AM1:2004 [2009])

Amendment 1 to ISO/IEC 15938-4:2002.

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 15938-4:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 2: High level descriptors (reaffirmation of INCITS/ISO/IEC 15938-4:2002/AM2:2006 [2009])

Amendment 2 to ISO/IEC 15938-4:2002.

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 15938-5:2003/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 1: Multimedia description schemes extensions (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM1:2004 [2009])

Amendment 1 to ISO/IEC 15938-5:2003.

Single copy price: $50.00

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 15938-5:2003/AM2:2005 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 2: Multimedia description schemes user preference extensions (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM2:2005 [2009])

Amendment 2 to ISO/IEC 15938-5:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 3: Improvements to geographic descriptor (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM3:2008 [2009])

Amendment 3 to ISO/IEC 15938-5:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2014], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 1: Reference software extensions (reaffirmation of INCITS/ISO/IEC 15938-6:2003/AM1:2006 [2009])

Amendment 1 to ISO/IEC 15938-6:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2014], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 2: Reference software of perceptual 3D shape descriptor (reaffirmation of INCITS/ISO/IEC 15938-6:2003/AM2:2007 [2009])

Amendment 2 to ISO/IEC 15938-6:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 1: Conformance extensions (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM1:2005 [2009])

Amendment 1 to ISO/IEC 15938-7:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 2: Fast access extensions conformance (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM2:2007 [2009])

Amendment 2 to ISO/IEC 15938-7:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 3: Conformance testing of perceptual 3D shape descriptor (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM3:2007 [2009])

Amendment 3 to ISO/IEC 15938-7:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 4: Improvements to geographic descriptor conformance (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM4:2008 [2009])

Amendment 4 to ISO/IEC 15938-7:2003.

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)

Reaffirmation

INCITS/ISO/IEC 15946-1:2008/COR 1:2009 [R2014], Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 15946-1:2008/COR 1:2009 [2009])

This is the first corrigendum to INCITS/ISO/IEC 15946-1:2008.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 18014-1:2009 [R2014], Information technology - Security techniques - Time stamping services - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 18014-1:2009 [2009])

This part of ISO/IEC 18014:

- identifies the objective of a time-stamping authority;
- describes a general model on which time-stamping services are based;
- defines time-stamping services; and
- defines the basic protocols between the involved entities.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 18023-1:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) - Part 1: Functional specification (reaffirmation of INCITS/ISO/IEC 18023-1:2006 [2009])

ISO/IEC 18023-1:2005 addresses the concepts, syntax and semantics for the representation and interchange of environmental data. It specifies:

- a data representation model for expressing environmental data;
- specifications of the data types and classes that together constitute the data representation model; and
- an application program interface that supports the storage and retrieval of environmental data using the data representation model.

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 18023-2:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) - Part 2: Abstract transmittal format (reaffirmation of INCITS/ISO/IEC 18023-2:2006 [2009])

ISO/IEC 18023-2:2006 specifies the abstract syntax of a SEDRIS transmittal. Actual encodings (e.g., binary encoding) are specified in other parts of ISO/IEC 18023.

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 18023-3:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) - Part 3: Transmittal format binary encoding (reaffirmation of INCITS/ISO/IEC 18023-3:2006 [2009])

ISO/IEC 18023-3:2006 defines a binary encoding for DRM objects specified in ISO/IEC 18023-1, according to the abstract syntax specified in ISO/IEC 18023-2.

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 18024-4:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) Language Bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18024 -4:2006 [2009])

ISO/IEC 18024-4:2006 specifies a language-dependent layer for the C programming language. ISO/IEC 18023-1 specifies a language-independent application program interface (API) for SEDRIS. For integration into a programming language, the SEDRIS API is embedded in a language-dependent layer obeying the particular conventions of that 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)

Reaffirmation

INCITS/ISO/IEC 18028-4:2005 [R2014], Information technology - Security techniques - IT network security - Part 4: Securing Remote Access (reaffirmation of INCITS/ISO/IEC 18028-4:2005 [R2009])

This part of ISO/IEC 18028 provides guidance for securely using remote access - a method to remotely connect a computer either to another computer or to a network using public networks and its implication for IT security. In this, it introduces the different types of remote access including the protocols in use, discusses the authentication issues related to remote access, and provides support when setting up remote access securely. It is intended to help network administrators and technicians who plan to make use of this kind of connection or who already have it in use and need advice on how to set it up securely and operate it securely.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 18041-4:2007 [R2014], Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18041-4:2007 [2009])

ISO/IEC 18041-4:2007 specifies the binding of the application programming interface (API) defined in ISO/IEC 18025 to the C programming language. The Environmental Data Coding Specification (EDCS) is a mapping between data and meaning. Data in a system may need to be identified as to purpose, metric, and usage. This specification defines a standard set of terms for providing this information. ISO/IEC 18041-4:2007 defines a standard binding for the C computer programming 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)

Reaffirmation

INCITS/ISO/IEC 18042-4:2006 [R2014], Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18042-4:2006 [2009])

This document has been packaged as a zipped file to facilitate its downloading. Where the zip file contains a Readme file, it is essential to consult this file to understand the way in which the document has been structured. Be sure to save all the files in the same folder to ensure that any links between the files function.

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 19776-2:2008 [R2014], Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: VRML Encoding (reaffirmation of INCITS/ISO/IEC 19776-2:2008 [2009])

ISO/IEC 19775, Extensible 3D (X3D), defines a system that integrates three-dimensional (3D) graphics and multimedia. Conceptually, each X3D file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. ISO/IEC 19776 -2:2008 defines a mapping of the abstract objects in X3D to a specific encoding using the technique defined in ISO/IEC 14772, Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML).

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 21000-4:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components (reaffirmation of INCITS/ISO/IEC 21000-4:2006 [2009])

This part of ISO/IEC 21000 specifies how to include IPMP information and protected parts of Digital Items in a DIDL document. It purposely does not specify protection measures, keys, key management, trust management, encryption algorithms, certification infrastructures or other components that would also be needed as part of a complete IPMP solution. The IPMP DIDL encapsulates and protects a part of the hierarchy of a Digital Item, and associates appropriate identification and protection information with it. The description of IPMP governance and tools is required to satisfy IPMP for a Digital Item or its parts to be accessed.

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 21000-5:2004 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language (reaffirmation of INCITS/ISO/IEC 21000-5:2004 [2009])

This part of ISO/IEC 21000 specifies the syntax and semantics of a Rights Expression Language. This part of ISO/IEC 21000 does not give any permission, including permissions about who is legally or technically allowed to create Rights Expressions. It does not specify the security measures of trusted systems, propose specific applications, or describe the details of the systems required for accounting (monetary transactions, state transactions, and so on). It also does not specify if or when Rights Expressions shall be consulted.

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 21000-6:2004 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 6: Rights Data Dictionary (reaffirmation of INCITS/ISO/IEC 21000-6:2004 [2009])

This part of ISO/IEC 21000 describes a Rights Data Dictionary which comprises a set of clear, consistent, structured, integrated and uniquely identified Terms (as defined in Clause 5.4) to support the MPEG-21 Rights Expression Language (REL), ISO/IEC 21000-5. Annex A specifies the methodology for and structure of the RDD Dictionary, and specifies how further terms may be defined under the governance of a Registration Authority, requirements for which are described in Annex C.

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 21000-8-2008 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software (reaffirmation of INCITS/ISO/IEC 21000-8:2008 [2009])

This International Standard describes reference software implementing the normative clauses of the other parts of ISO/IEC 21000. The information provided is applicable for determining the reference software modules available for parts of ISO/IEC 21000, understanding the functionality of the available reference software modules, and utilizing the available reference software modules.

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 21000-9:2005 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 9: File format (reaffirmation of INCITS/ISO/IEC 21000-9:2005 [2009])

This International Standard specifies the MPEG-21 file format, in which an MPEG-21 XML document (e.g. Digital Item Declaration (DID)) and some or all of its referenced content can be placed in a single “content package” file. This enables the interchange, editing, and “playback” of MPEG-21 documents.

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 21000-10:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing (reaffirmation of INCITS/ISO/IEC 21000-10:2006 [2009])

This Part of ISO/IEC 21000, entitled Digital Item Processing (DIP), specifies the syntax and semantics of tools that may be used to process Digital Items. The tools provide a normative set of tools that specify the processing of a Digital Item in a predefined manner.

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 21000-14:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 14: Conformance Testing (reaffirmation of INCITS/ISO/IEC 21000-14:2007 [2009])

This International Standard specifies conformance points and conformance tests for different parts of ISO/IEC 21000. Based on the various conformance points, it is identified which requirements defined in ISO/IEC 21000 apply to those conformance points. The tests are developed to ascertain whether a particular artifact (such as a piece of software or hardware or a document) meets all the requirements for a specific conformance point or not.

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 21000-15:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 15: Event Reporting (reaffirmation of INCITS/ISO/IEC 21000-15:2006 [2009])

This part of ISO/IEC 21000 specifies:

- how to express Event Report Requests (ER-R) that contain information about which Events to report, what information is to be reported and to whom; and

- how to express Event Reports (ER) which are created by an MPEG-21 Peer in response to an Event Report Request when the conditions specified by an ER-R are met.

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 21000-16:2005 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 16: Binary Format (reaffirmation of INCITS/ISO/IEC 21000-16:2005 [2009])

This part of ISO/IEC 21000 specifies the ISO/IEC 21000 binary format which is an alternative serialization format of descriptions as specified within other ISO/IEC 21000 parts, e.g., ISO/IEC 21000-2. This enables the efficient interchange or storage of ISO/IEC 21000 descriptions

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 21000-17:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 17: Fragment Identification of MPEG Resources (reaffirmation of INCITS/ISO/IEC 21000-17:2006 [2009])

ISO/IEC 21000-17:2006 specifies a normative syntax for Fragment Identifiers to be used in URIs (Uniform Resource Identifiers) for addressing parts of any resource whose Internet Media Type is one of: audio/mpeg; video/mpeg; video/mp4; audio/mp4; application/mp4. ISO/IEC 21000 (MPEG-21) defines an open framework for multimedia delivery and consumption, with both the content creator and content consumer as focal points. The vision for MPEG-21 is to define a multimedia framework to enable transparent and augmented use of multimedia resources across a wide range of networks and devices used by different communities.

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 21000-18:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 18: Digital Item Streaming (reaffirmation of INCITS/ISO/IEC 21000-18:2007 [2009])

This part of ISO/IEC 21000 specifies tools for Digital Item Streaming. The first tool is the Bitstream Binding Language, which describes how Digital Items (comprising the Digital Item Declaration, metadata, and resources) can be mapped to delivery channels such as MPEG-2 Transport Streams or the Real-time Transport Protocol.

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 21000-3:2003/AM1:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 3: Digital Item Identification and Description - Amendment 1: Relates identifier types (reaffirmation of INCITS/ISO/IEC 21000-3:2003/AM1:2007 [2009])

Amendment 1 to ISO/IEC 21000-3:2003.

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)

Reaffirmation

INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Amendment 1: IPMP components base profile (reaffirmation of INCITS/ISO/IEC 21000-4:2006/AM1:2007 [2009])

Amendment 1 to ISO/IEC 21000-4:2006.

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 21000-5:2004/AM1:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 1: MAM (Mobile And optical Media) profile (reaffirmation of INCITS/ISO/IEC 21000-5:2004/AM1:2007 [2009])

Amendment 1 to ISO/IEC 21000-5:2004.

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 21000-5:2004/AM2:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 2: DAC (Dissemination And Capture) profile (reaffirmation of INCITS/ISO/IEC 21000-5:2004/AM2:2007 [2009])

Amendment 2 to ISO/IEC 21000-5:2004.

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 21000-5:2004/AM3:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 3: ORC (Open Release Content) profile (reaffirmation of INCITS/ISO/IEC 21000-5:2004/AM3:2008 [2009])

Amendment 3 to ISO/IEC 21000-5:2004.

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 21000-6:2004/AM1:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 6: Rights Data Dictionary - Amendment 1: Digital Item Identifier relationship types (reaffirmation of INCITS/ISO/IEC 21000-6:2004/AM1:2006 [2009])

Amendment 1 to ISO/IEC 21000-6:2004.

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 21000-9:2005/AM1:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part P: File Format - Amendment 1: MIME type registration (reaffirmation of INCITS/ISO/IEC 21000-9:2005/AM1:2008 [2009])

Amendment 1 to ISO/IEC 21000-9:2005.

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 21000-10:2006/AM1:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 10: Digital Item Processing - Amendment 1: Addition C++ bindings (reaffirmation of INCITS/ISO/IEC 21000-10:2006/AM1:2006 [2009])

Amendment 1 to ISO/IEC 21000-10:2006.

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 21000-15:2006/AM1:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 15: Event Reporting - Amendment 1: Security in Event Reporting (reaffirmation of INCITS/ISO/IEC 21000-15:2006/AM1:2008 [2009])

Amendment 1 to ISO/IEC 21000-15:2006.

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 23000-2:2008 [R2014], Information technology - Multimedia Application format (MPEG-21) - Part 2: MPEG music player application format (2nd Edition) (reaffirmation of INCITS/ISO/IEC 23000-2:2008 [2009])

This part of ISO/IEC 23000 presents a basic architecture for constructing an annotated music library. It defines a simple file format for songs and a file format for albums and playlists. A conformant player application has to support all these specified file formats.

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 23000-3:2007 [R2014], Information technology - Multimedia Application format (MPEG-21) - Part 3: MPEG photo player application format (reaffirmation of INCITS/ISO/IEC 23000-3:2007 [2009])

This part of ISO/IEC 23000, also known as “photo player MAF”, specifies a file format for digital photo library applications. It establishes a standardized solution for the carriage of images and associated metadata, to facilitate simple and fully interoperable exchange across different devices and platforms. The set of metadata includes MPEG-7 visual content descriptions, as well as acquisition-based metadata (such as date, time, and camera settings). This allows compliant devices to support new, content-enhanced functionality, such as intelligent browsing, content-based search or automatic categorization.

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 23000-7:2008 [R2014], Information technology - Multimedia application format (MPEG-A) - Part 7: Open access application format (reaffirmation of INCITS/ISO/IEC 23000-7:2008 [2009])

This International Standard specifies a container format, which can contain any type of content and can also transport additional metadata. This packaging mechanism offers the possibility to enrich the content with human and machine-readable metadata and is not limited to a specific content type. Unlike other application formats, the open access application format is not a multimedia-based format.

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 23000-9:2008 [R2014], Information technology - Multimedia application format (MPEG-A) - Part 9: Digital Multimedia Broadcasting application format (reaffirmation of INCITS/ISO/IEC 23000-9:2008 [2009])

This part of ISO/IEC 23000 specifies a file format that pertains to both terrestrial digital multimedia broadcasting (T-DMB) and satellite digital multimedia broadcasting (S-DMB) contents and services. It integrates the existing DMB contents with appropriate additional information to facilitate storage, interchange, management, editing, and presentation of the contents in protected, governed, and interoperable ways.

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 23001-1:2006 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML (reaffirmation of INCITS/ISO/IEC 23001-1:2006 [2009])

This part of ISO/IEC 23001 provides a standardized set of technologies for encoding XML documents. It addresses a broad spectrum of applications and requirements by providing a generic method for transmitting and compressing XML documents.

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 23001-2:2008 [R2014], Information technology - MPEG systems technologies - Part 2: Fragment request units (reaffirmation of INCITS/ISO/IEC 23001-2:2008 [2009])

This part of ISO/IEC 23001 specifies the fragment request unit technology. It comprises a syntax and semantics for expressing a request for fragments of XML. It also specifies how such requests can be used in XML-based systems such as ISO/IEC 15938-1 and ISO/IEC 23001-1. The technology can be used in resource constrained environments so that only the fragments of XML of interest at a given time need be transmitted to a requesting peer from a responding peer. It can also be used for node-by-node navigation of a remote XML 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)

Reaffirmation

INCITS/ISO/IEC 23001-5:2008 [R2014], Information technology - MPEG systems technologies - Part 5: Bitstream Syntax Description Language (BSDL) (reaffirmation of INCITS/ISO/IEC 23001-5:2008 [2009])

This part of ISO/IEC 23001 specifies BSDL (Bitstream Syntax Description Language), a language based on W3C XML Schema to describe the structure of a bitstream with an XML document named BS Description.

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 23001-1:2006/AM1:2007 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 1: Conformance and reference software (reaffirmation of INCITS/ISO/IEC 23001-1:2006/AM1:2007 [2009])

Amendment 1 to ISO/IEC 23001-1:2006.

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 23001-1:2006/AM2:2008 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 2: Conservation of prefixes and extensions on encoding of wild cards (reaffirmation of INCITS/ISO/IEC 23001-1:2006/AM2:2008 [2009])

Amendment 2 to ISO/IEC 23001-1:2006.

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 23002-1:2006 [R2014], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform (reaffirmation of INCITS/ISO/IEC 23002-1:2006 [2009])

A number of image- and video-coding-related standards include a requirement for decoders to implement an integer-output 8x8 inverse discrete cosine transform (IDCT) for the generation of inverse transformed sample differences with a nominal range from - 2B to (2B)-1 for some integer number of bits B, where B is greater than or equal to 8. This part of ISO/IEC 23002 specifies conformance requirements for establishing sufficient accuracy in such an integer-output IDCT implementation. It is intended to be suitable for reference to establish partial or complete requirements for IDCT accuracy for conformance to other standards that require IDC.

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 23002-2:2008 [R2014], Information technology - MPEG video technologies - Part 2: Fixed-point 8x8 inverse discrete cosine transform and discrete cosine transform (reaffirmation of INCITS/ISO/IEC 23002-2:2008 [2009])

This part of ISO/IEC 23002 specifies a particular implementation of an integer-output IDCT that fully conforms to the accuracy requirements specified in ISO/IEC 23002-1 and additionally meets or exceeds all accuracy requirements specified for IDCT precision in a number of international video coding standards. It additionally provides a (nonnormative) specification of an integer-output-forward DCT based on the same factorization structure.

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 23002-3:2007 [R2014], Information technology - MPEG video technologies - Part 3: Representation of auxiliary video and supplemental information (reaffirmation of INCITS/ISO/IEC 23002-3:2007 [2009])

This part of ISO/IEC 23002 defines auxiliary video streams as data coded as video sequences and supplementing a primary video sequence. Depth maps and parallax maps are the first specified types of auxiliary video streams, relating to stereoscopic-view video content.

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 23002-1:2006/AM1:2008 [R2014], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 transform - Amendment 1: Software for integer IDCT accuracy testing (reaffirmation of INCITS/ISO/IEC 23002 -1:2006/AM1:2008 [2009])

Amendment 1 to ISO/IEC 23002-1:2006.

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 23003-1:2007 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround (reaffirmation of INCITS/ISO/IEC 23003-1:2007 [2009])

This International Standard describes the MPEG Surround standard (Spatial Audio Coding, SAC), that is capable of re-creating N channels based on M<N transmitted channels, and additional control data. In the preferred modes of operating the spatial audio coding system, the M channels can either be a single mono channel or a stereo channel pair. The control data represents a significant lower data rate than required for transmitting all N channels, making the coding very efficient while at the same time ensuring compatibility with both M channel devices and N channel devices.

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 23003-1:2007/AM1:2008 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing (reaffirmation of INCITS/ISO/IEC 23003-1:2007/AM1:2008 [2009])

Amendment 1 to ISO/IEC 23003-1:2007.

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 23003-1:2007/AM2:2008 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software (reaffirmation of INCITS/ISO/IEC 23003-1:2007/AM2:2008 [2009])

Amendment 2 to ISO/IEC 23003-1:2007.

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 23004-1:2007 [R2014], Information technology - Multimedia Middleware - Part 1: Architecture (reaffirmation of INCITS/ISO/IEC 23004-1:2007 [2009])

This part of ISO/IEC 23004 defines the architecture of the MPEG Multimedia Middleware (M3W) technology.

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 23004-2:2007 [R2014], Information technology - Multimedia Middleware - Part 2: Multimedia application programming interface (API) (reaffirmation of INCITS/ISO/IEC 23004-2:2007 [2009])

This part of ISO/IEC 23004 defines the Multimedia application programming interface (API) of MPEG Multimedia Middleware. The context of this Multimedia API is described in ISO/IEC 23004-1.

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 23004-3:2007 [R2014], Information technology - Multimedia Middleware - Part 3: Component model (reaffirmation of INCITS/ISO/IEC 23004-3:2007 [2009])

This part of ISO/IEC 23004 defines the Multimedia Middleware (M3W) Component Model and Core Framework. The context of the M3W Component Model and Core Framework is described in ISO/IEC 23004-1.

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 23004-4:2007 [R2014], Information technology - Multimedia Middleware - Part 4: Resource and quality management (reaffirmation of INCITS/ISO/IEC 23004-4:2007 [2009])

This part of ISO/IEC 23004 defines the Resource and Quality Management framework of the MPEG Multimedia Middleware (M3W) technology.

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 23004-5:2008 [R2014], Information technology - Multimedia Middleware - Part 5: Component download (reaffirmation of INCITS/ISO/IEC 23004-5:2008 [2009])

This part of ISO/IEC 23004 defines the MPEG Multimedia Middleware (M3W) technology Download Architecture. This definition contains the specification of the part of the M3W application programming interface (API) related to download as well as the realization. The M3W API specification provides a uniform view of the download functionality provided by M3W. The specification of the realization is relevant for those who are making an implementation of a download framework for M3W.

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 23004-6:2008 [R2014], Information technology - Multimedia Middleware - Part 6: Fault management (reaffirmation of INCITS/ISO/IEC 23004-6:2008 [2009])

This part of ISO/IEC 23004 defines the MPEG Multimedia Middleware (M3W) technology Fault Management Architecture. It contains the specification of the part of the M3W application programming interface (API) related to Fault Management as well as the realization. The M3W API specification provides a uniform view of the Fault Management functionality provided by M3W. The specification of the realization is relevant for those who are making an implementation of a Fault Management framework for M3W.

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 23004-7:2008 [R2014], Information technology - Multimedia Middleware - Part 7: System integrity management (reaffirmation of INCITS/ISO/IEC 23004-7:2008 [2009])

This part of ISO/IEC 23004 defines the MPEG Multimedia Middleware (M3W) technology Integrity Management Architecture. It contains the specification of the part of the M3W application programming interface (API) related to Integrity Management as well as the realization. The M3W API specification provides a uniform view of the Integrity Management functionality provided by M3W. The specification of the realization is relevant for those who are making an implementation of an Integrity Management framework for M3W.

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 12089:1997 [R2014], Information technology - Computer graphics and image processing - Encoding for the Image Interchange Facility (IIF) (reaffirmation of INCITS/ISO/IEC 12089:1997 [S2009])

This International Standard defines the encoding rules which shall apply to the representation of IPI-IIF image data. The IPI-IIF data format is defined in ISO/IEC 12087-3, called “Image Interchange Facility (IIF)”. It is Part 3 of the Image Processing and Interchange International Standard, defined in ISO/IEC 12087. The IPI-IIF facilitates the interchange of digital images. It consists of two major parts: the IPI-IIF data format (IIF-DF) definition, whose syntax is described using ASN.1; and the IPI-IIF gateway definition, whose functionality is described by an application programmer’s interface.

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 15948:2004 [R2014], Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (reaffirmation of INCITS/ISO/IEC 15948:2004 [2009])

ISO/IEC 15948:2004 specifies a datastream and an associated file format, Portable Network Graphics (PNG, pronounced "ping"), for a lossless, portable, compressed individual computer graphics image transmitted across the Internet. Indexed-colour, greyscale, and truecolour images are supported, with optional transparency. Sample depths range from 1 to 16 bits. PNG is fully streamable with a progressive display option. It is robust, providing both full file integrity checking and simple detection of common transmission errors.

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 18032:2005 [R2014], Information technology - Security techniques - Prime number generation (reaffirmation of INCITS/ISO/IEC 18032:2005 [R2009])

ISO/IEC 18032:2005 specifies methods for generating and testing prime numbers. Prime numbers are used in various cryptographic algorithms, mainly in asymmetric encryption algorithms and digital signature algorithms.

Firstly, ISO/IEC 18032:2005 specifies methods for testing whether a given number is prime. The testing methods included in ISO/IEC 18032:2005 can be divided into two groups:

Probabilistic primality tests, which have a small error probability. All probabilistic tests described here may declare a composite to be a prime. One test described here may declare a prime to be composite.

Deterministic methods, which are guaranteed to give the right verdict. These methods use so-called primality certificates.

Secondly, ISO/IEC 18032:2005 specifies methods to generate prime numbers. Again, both probabilistic and deterministic methods are presented.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 19772:2009 [R2014], Information technology - Security techniques - Authenticated encryption (reaffirmation of INCITS/ISO/IEC 19772:2009 [2009])

This International Standard specifies six methods for authenticated encryption, i.e., defined ways of processing a data string with the following security objectives:

- data confidentiality, i.e., protection against unauthorized disclosure of data;

- data integrity, i.e., protection that enables the recipient of data to verify that it has not been modified; and

- data origin authentication, i.e., protection that enables the recipient of data to verify the identity of the data originator.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 19774:2006 [R2014], Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) (reaffirmation of INCITS/ISO/IEC 19774:2006 [2009])

ISO/IEC 19774:2006, specifies a systematic method for representing humanoids in a network-enabled 3D graphics and multimedia environment. Conceptually, each humanoid is an articulated character that can be embedded in different representation systems and animated using the facilities provided by the representation system. ISO/IEC 19774:2006 specifies the abstract form and structure of humanoids. ISO/IEC 19774:2006 is intended for a wide variety of presentation systems and application, and provides wide latitude in interpretation and implementation of the functionality.

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 10116:2006/COR1:2008 [R2014], Information technology - Security Techniques - Modes of operation for an n-bit block cipher - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 10116:2006/COR1:2008 [2009])

This is the first corrigendum to ISO/IEC 10116:2006.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.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 14492:2001/AM1:2004 [R2014], Information technology - Lossy/lossless coding of bi-level images - Amendment 1: Encoder (reaffirmation of INCITS/ISO/IEC 14492:2001/AM1:2004 [2009])

Amendment 1 to ISO/IEC 14492:2001.

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 14492:2001/AM2:2003 [R2014], Information technology - Lossy/lossless coding of bi-level images - Amendment 2: Extension of adaptive templates for halftone coding (reaffirmation of INCITS/ISO/IEC 14492:2001/AM2:2003 [2009])

Amendment 2 to ISO/IEC 14492:2001.

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 21827:2008 [2009], Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model (SSE-CMM) (withdrawal of INCITS/ISO/IEC 21827:2008 [2009])

This International Standard specifies the Systems Security Engineering - Capability Maturity Model ® (SSE-CMM ®). The SSE-CMM ® is a process reference model focused upon the requirements for implementing security in a system or series of related systems that are the information technology security (ITS) domain. Within the ITS domain, the SSE-CMM ® is focused on the processes used to achieve ITS, most specifically on the maturity of those processes. There is no intent within the SSE-CMM ® to dictate a specific process to be used by an organization, let alone a specific methodology.

Single copy price: $60.00

Obtain an electronic copy from: www.ansi.org

Order from: www.ansi.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

Reaffirmation

BSR C136.22-2004 (R2014), Roadway and Area Lighting Equipment - Internal Labeling of Luminaires (reaffirmation of ANSI C136.22-2004 (R2009))

This standard covers internal luminaire identification labels for all styles of luminaires used for roadway lighting.

Single copy price: $37.00

Obtain an electronic copy from: megan.hayes@nema.org

Order from: Megan Hayes, (703) 841-3285, megan.hayes@nema.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

BSR NEMA WC 27500-201x, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI/NEMA WC 27500-2011)

This standard contains requirements for finished cables. Component wires are covered by other referenced standards. These cables are intended for signal and low-voltage power applications with defined environment or temperature conditions found in commercial aircraft, military aircraft, and high-performance vehicles.

Single copy price: $105.00

Order from: Ryan Franks, (703) 841-3271, ryan.franks@nema.org

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

NSF (NSF International)

Revision

BSR/NSF 360-201x (i2r1), Field Performance Verification (revision of ANSI/NSF 360-2010)

This wastewater standard provides site selection, field sampling, analytical, and statistical methods for evaluating the field performance of residential wastewater treatment systems capable of providing at least secondary treatment.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=24083&wg_abbrev=wwt_jc

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

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

PSAI (Portable Sanitation Association International)

Revision

BSR Z4.1-201x, Standard for Sanitation in Places of Employment: Minimum Requirements (revision of ANSI Z4.1-1986 (R2005))

Updated and included relevant industry information for consumers, operators and suppliers in the portable sanitation industry. Ready to be reviewed and start canvass surveys.

Single copy price: Free (PSAI members)/$25.00 (non-members)

Obtain an electronic copy from: info@psai.org

Order from: Stacy Connolly, (800) 822-3020, StacyC@psai.org; info@psai.org

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

PSAI (Portable Sanitation Association International)

Revision

BSR Z4.3-201x, Standard for Sanitation Non-Sewered Waste Disposal Systems: Minimum Requirements (revision of ANSI Z4.3-1995 (R2005))

Updated and included relevant industry information for consumers, operators and suppliers in the portable sanitation industry. Ready to be reviewed and start canvass surveys.

Single copy price: Free (PSAI members)/$25.00 (non-members)

Obtain an electronic copy from: info@psai.org

Order from: Stacy Connolly, (800) 822-3020, StacyC@psai.org; info@psai.org

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

PSAI (Portable Sanitation Association International)

Revision

BSR Z4.4-201x, Standard for Sanitation in Fields and Temporary Labor Camps: Minimum Requirements (revision of ANSI Z4.4-1988 (R2005))

Updated and included relevant industry information for consumers, operators and suppliers in the portable sanitation industry. Ready to be reviewed and start canvass surveys.

Single copy price: Free (PSAI members)/$25.00 (non-members)

Obtain an electronic copy from: info@psai.org

Order from: Stacy Connolly, (800) 822-3020, StacyC@psai.org; info@psai.org

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 455-11D-2010 (R201x), Vibration Test Procedure for Fiber Optic Components and Cables (reaffirmation of ANSI/TIA 455-11D-2010)

The intent of this test is to determine the effects of vibration within the sinusoidal and random vibration environments that may be encountered during the life of the fiber optic component. The procedure is applicable to all types of fiber, cable, or cable assemblies; and fiber optic devices including connectors, splices, passive branching devices (couplers), etc.

Single copy price: $93.00

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

TPI (Truss Plate Institute)

New Standard

BSR/TPI 2-201x, Standard for Testing Metal Plate Connected Wood Trusses (new standard)

This standard provides procedures for testing and evaluating wood trusses designed and fabricated with metal connector plates. Destructive load tests of full-scale trusses in accordance with these procedures provides a means of demonstrating that minimum adequate performance is obtainable from specific metal connector plates, various lumber types and grades, a particular truss design, particular fabrication procedures, etc.

Single copy price: Free (Online download); $20.00 (paper copy plus shipping & handling)

Obtain an electronic copy from: www.tpinst.org/TPI2PC.html

Order from: Jay Jones, (703) 683-1010, jpjones@tpinst.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 120002-2009 (R201X), Certificate Standard for AEx Equipment for Hazardous (Classified) Locations (Proposal dated 06-27-14) (reaffirmation and redesignation of ANSI/ISA 12.00.02-2009)

Reaffirmation and continuance of the first edition of the Certificate Standard for AEx Equipment for Hazardous (Classified) Locations, UL 120002, as an American National Standard.

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: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 122001-2009 (R201X), General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations (Proposal dated 06-27-14) (reaffirmation and redesignation of ANSI/ISA 12.20.01-2009)

Reaffirmation and continuance of the first edition of the General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations, UL 122001, as an American National Standard.

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: Vickie Hinton, (919) 549 -1851, Vickie.T.Hinton@ul.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/ISO TIR 16775-2014, Packaging for terminally sterilized medical devices - Guidance on the application of ISO 11607-1 and ISO 11607-2 (TECHNICAL REPORT) (technical report)

This Technical Report provides guidance for the application of the requirements contained in ISO 11607-1 and ISO 11607-2. It does not add to, or otherwise change, the requirements of ISO 11607-1 and/or ISO 11607-2. This is an informative document, not normative. It does not include requirements to be used as basis of regulatory inspection or certification assessment activities.

Single copy price: $102.00 (AAMI members); $170.00 (non-members)

Order from: http://my.aami.org/store/Default.aspx

Send comments (with copy to psa@ansi.org) to: Hae Choe, (703) 253-8268, HChoe@aami.org; customerservice@aami.org

ARMA (ARMA International)

ARMA International TR 26-2014, Understanding Electronic Records Storage Technologies (TECHNICAL REPORT) (technical report)

This publication complements ISO 15489-1:2001, Information and Documentation - Records Management - Part 1: General, ANSI/ARMA 05 -2010, Vital Records Programs: identifying, managing, and recovering business-critical records, and the ARMA international generally accepted record-keeping principles. It includes a broad discussion of storage technologies and service offerings for electronic records, including operational issues such as out-sourcing considerations and contract-related elements. This publication does not address the storage of physical records. It is not industry- or sector-specific and offers state-of-the-art educational information of interest to information governance professionals, records managers, archivists, and other information technology practitioners employed in a wide range of organizational settings, including legal venues.

Single copy price: $TBD

Order from: ARMA International, via: http://www.arma.org/go/prod/V4958

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

Projects Withdrawn from Consideration

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

TCNA (ASC A108) (Tile Council of North America)

BSR A108.10-201x, Installation of Grout in Tilework (revision of ANSI A108.10-1999 (R2010))

Inquiries may be directed to Katelyn Simpson, (864) 646-8453 ext.108, KSimpson@tileusa.com

Call for Members (ANS Consensus Bodies)

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

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 715 (I-P)-201x, Performance Rating of Liquid Line Filters (new standard)

BSR/AHRI Standard 716 (SI)-201x, Performance Rating of Liquid Line Filters (new standard)

BSR/AHRI Standard 1160 (I-P)-201x, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1160 (I-P)-2011)

BSR/AHRI Standard 1161 (SI)-201x, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1161 (SI)-2011)

BSR/AHRI Standard 1241 (SI)-201x, Performance Rating of Active Chilled Beams (new standard)

AMCi (AMC Institute)

Office: 700 N. Fairfax Street, Suite 510
Alexandria, VA 22314

Contact: *Charles Sapp*

Phone: (856) 417-6227

E-mail: csapp@talley.com

BSR/AMCI A100.1-201x, AMC Standard of Good Practices for Association Management Companies (revision and redesignation of ANSI/IAAMC A100.1-2008)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@ce.org; dwilson@ce.org

BSR/CEA 2050-201x, Interoperability Using Standardized Device Descriptions (new standard)

BSR/CEA 2051-201x, Personal Sound Amplification Performance Criteria (new standard)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO 19115-1:2014, Geographic information - Metadata - Part 1: Fundamentals (identical national adoption of ISO 19115 and revision of INCITS/ISO 19115-2003 [R2013])

INCITS/ISO 19153:2014, Geospatial Digital Rights Management Reference Model (GeoDRM RM) (identical national adoption of ISO 19153:2014)

INCITS/ISO 19157:2013, Geographic information - Data quality (identical national adoption of ISO 19157:2013)

INCITS/ISO/IEC 7816-1:2011, Identification cards - Integrated circuit cards - Part 1: Cards with contacts - Physical characteristics (identical national adoption of ISO/IEC 7816-1:2011 and revision of INCITS/ISO/IEC 7816-1:1998 [R2009] and INCITS/ISO/IEC 7816 -1:1998/AM1:2003 [R2009])

INCITS/ISO/IEC 8824-1:2008, Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation (identical national adoption of ISO/IEC 8824-1:2008 and revision of INCITS/ISO/IEC 8824-1:2004 [R2009])

INCITS/ISO/IEC 8824-2:2008, Information technology - Abstract Syntax Notation One (ASN.1): Information object specification (identical national adoption of ISO/IEC 8824-2:2008 and revision of INCITS/ISO/IEC 8824-2:2008 [R2009])

INCITS/ISO/IEC 8824-3:2008, Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification (identical national adoption of ISO/IEC 8824-3:2008 and revision of INCITS/ISO/IEC 8824-3:2004 [R2009])

INCITS/ISO/IEC 8824-4:2008, Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications (identical national adoption of ISO/IEC 8824-4:2008 and revision of INCITS/ISO/IEC 8824-4:2008 [R2009])

INCITS/ISO/IEC 8825-1:2008, Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (identical national adoption of ISO/IEC 8825-1:2008 and revision of INCITS/ISO/IEC 8825-1:2004 [R2009])

INCITS/ISO/IEC 8825-2:2008, Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) (identical national adoption of ISO/IEC 8825-2:2008 and revision of INCITS/ISO/IEC 8825-2:2004 [R2009])

INCITS/ISO/IEC 8825-3:2008, Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) (identical national adoption of ISO/IEC 8825-3:2008 and revision of INCITS/ISO/IEC 8825-3:2008 [R2009])

INCITS/ISO/IEC 8825-4:2008, Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) (identical national adoption of ISO/IEC 8825-4:2008 and revision of INCITS/ISO/IEC 8825-4:2002 [R2009])

INCITS/ISO/IEC 9798-3:1998 [R2014], Information technology - Security techniques - Entity authentication - Part 3: Mechanisms using digital signature techniques (reaffirmation of INCITS/ISO/IEC 9798-3:1998 [2009])

INCITS/ISO/IEC 9798-4:1999 [R2014], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function (2nd edition) (reaffirmation of INCITS/ISO/IEC 9798-4:1999 [R2009])

INCITS/ISO/IEC 10118-1:2000 [R2014], Information technology - Security techniques - Hash-functions - Part 1: General (reaffirmation of INCITS/ISO/IEC 10118-1:2000 [R2009])

INCITS/ISO/IEC 10118-3:2004 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-functions (reaffirmation of INCITS/ISO/IEC 10118-3:2004 [R2009])

INCITS/ISO/IEC 10118-3:2004/AM1:2006 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-function 8 (SHA-224) - Amendment 1 (reaffirmation of INCITS/ISO/IEC 10118-3:2004/AM1:2006 [2009])

INCITS/ISO/IEC 10746-2:2009, Information technology - Open distributed processing - Reference model: Foundations (identical national adoption of ISO/IEC 10746-2:2009 and revision of INCITS/ISO/IEC 10746-2:2009 [R2009])

INCITS/ISO/IEC 10746-3:2009, Information technology - Open distributed processing - Reference model: Architecture (identical national adoption of ISO/IEC 10746-3:2009 and revision of INCITS/ISO/IEC 10746-3:1996 [R2009])

INCITS/ISO/IEC 10918-4:1999 [R2014], Information technology - Digital compression and coding of continuous-tone still images: Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types and Registration Authorities (REGAUT) (reaffirmation of INCITS/ISO/IEC 10918-4:1999 [2009])

INCITS/ISO/IEC 10918-3-1997/AM1-1999 [R2014], Information technology - Digital Compression and coding of continuous-tone still images - Part 3: Extensions - Amendment 1: Provisions to allow registration of new compression types and versions in the SPIFF header (reaffirmation of INCITS/ISO/IEC 10918-3:1997/AM1:1999 [2009])

INCITS/ISO/IEC 11693-1:2012, Identification cards - Optical memory cards - Part 1: General characteristics (identical national adoption of ISO/IEC 11693-1:2012 and revision of INCITS/ISO/IEC 11693:2005 [2009])

INCITS/ISO/IEC 11694-1:2012, Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (identical national adoption of ISO/IEC 11694-1:2012 and revision of INCITS/ISO/IEC 11694-1:2005 [2009])

INCITS/ISO/IEC 11694-2:2012, Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and location of the accessible optical area (identical national adoption of ISO/IEC 11694-2:2012 and revision of INCITS/ISO/IEC 11694-2:2005 [2009])

INCITS/ISO/IEC 11770-2:2008 [R2014], Information technology - Security techniques - Key Management - Part 2: Mechanisms using symmetric techniques (reaffirmation of INCITS/ISO/IEC 11770-2:2008 [2009])

INCITS/ISO/IEC 11770-3:2008 [R2014], Information technology - Security techniques - Key Management - Part 3: Mechanisms using asymmetric techniques (reaffirmation of INCITS/ISO/IEC 11770 -3:2008 [2009])

INCITS/ISO/IEC 12087-2:1994 [R2014], Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 2: Programmer's imaging kernel system application programme interface (reaffirmation of INCITS/ISO/IEC 12087-2:1994 [S2009])

INCITS/ISO/IEC 13818-4:2004 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing (reaffirmation of INCITS/ISO/IEC 13818 -4:2004 [R2009])

INCITS/ISO/IEC 13818-7:2006 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) (reaffirmation of INCITS/ISO/IEC 13818-7:2006 [2009])

INCITS/ISO/IEC 13818-10:1999 [R2014], Information Technology - Generic coding of moving pictures and associated audio information - Part 10: Conformance extensions for Digital Storage Media Command and Control (DSM-CC) (reaffirmation of INCITS/ISO/IEC 13818 -10:1999 [R2009])

INCITS/ISO/IEC 13818-4:2004/AM1:2005 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 1: MPEG-2 IPMP conformance testing (reaffirmation of INCITS/ISO/IEC 13818 -4:2004/AM1:2005 [2009])

INCITS/ISO/IEC 13818-4:2004/AM2:2005 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 2: Additional audio conformance test sequences (reaffirmation of INCITS/ISO/IEC 13818-4:2004/AM2:2005 [2009])

INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2014], Information technology - Generic coding coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC AM2: Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services (reaffirmation of INCITS/ISO/IEC 13818 -6:1998/AM2:2000 [R2009])

INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2014], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC (reaffirmation of INCITS/ISO/IEC 13818-7:2006/AM1:2007 [2009])

INCITS/ISO/IEC 13888-1:2009 [R2014], Information technology - Security techniques - Non-repudiation - Part 1: General (reaffirmation of INCITS/ISO/IEC 13888-1:2009 [2009])

INCITS/ISO/IEC 14496-12:2012, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2012 and revision of INCITS/ISO/IEC 14496-12:2008 [2009])

INCITS/ISO/IEC 14496-11:2005 [R2014], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine (reaffirmation of INCITS/ISO/IEC 14496-11:2005 [2009])

INCITS/ISO/IEC 14496-13:2004 [R2014], Information technology - Coding of audio-visual objects - Part 13: Intellectual Property Management and Protection (IPMP) extensions (reaffirmation of INCITS/ISO/IEC 14496-13:2004 [2009])

INCITS/ISO/IEC 14496-17:2006 [R2014], Information technology - Coding of audio-visual objects - Part 17: Streaming text format (reaffirmation of INCITS/ISO/IEC 14496-17:2006 [2009])

INCITS/ISO/IEC 14496-18:2004 [R2014], Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming (reaffirmation of INCITS/ISO/IEC 14496-18:2004 [2009])

INCITS/ISO/IEC 14496-19:2004 [R2014], Information technology - Coding of audio-visual objects - Part 19: Synthesized texture stream (reaffirmation of INCITS/ISO/IEC 14496-19:2004 [2009])

INCITS/ISO/IEC 14496-21:2006 [R2014], Information technology - Coding of audio-visual objects - Part 21: MPEG-J Graphics Framework eXtensions (GFX) (reaffirmation of INCITS/ISO/IEC 14496 -21-2009)

INCITS/ISO/IEC 14496-23:2008 [R2014], Information technology - Coding of audio-visual objects - Part 23: Symbolic Music Representation (reaffirmation of INCITS/ISO/IEC 14496-23:2008 [2009])

INCITS/ISO/IEC 14496-2:2004/AM1:2004 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 1: Error resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM1:2004 [2009])

INCITS/ISO/IEC 14496-2:2004/AM2:2005 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 2: New levels for simple profile (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM2:2005 [2009])

INCITS/ISO/IEC 14496-2:2004/AM3:2007 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 3: Support of colour spaces (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM3:2007 [2009])

INCITS/ISO/IEC 14496-2:2004/AM4:2008 [R2014], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 4: Simple profile level 6 (reaffirmation of INCITS/ISO/IEC 14496-2:2004/AM4:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM1:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 1: Conformance testing for MPEG-4 (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM1:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM2:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 2: MPEG-4 conformance extensions for XMT and media nodes (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM2:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM3:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 3: Visual new levels and tools (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM3:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM4:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: IPMPX conformance extensions (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM4:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM5:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 5: Conformance extensions for error-resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM5:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM6:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 6: Advanced Video Coding conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM6:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM7:2005 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 7: AFX conformance extensions (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM7:2005 [2009])

INCITS/ISO/IEC 14496-4:2004/AM9:2006 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 9: AVC fidelity range extensions conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM9:2006 [2009])

INCITS/ISO/IEC 14496-5:2001/AM4:2004 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 4: IPMPX reference software extensions (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM4:2004 [2009])

INCITS/ISO/IEC 14496-5:2001/AM5:2004 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 5: Reference software extensions for error resilient simple scalable profile (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM5:2004 [2009])

INCITS/ISO/IEC 14496-5:2001/AM6:2005 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM6:2005 [2009])

INCITS/ISO/IEC 14496-5:2001/AM7:2005 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 7: AFX reface software extensions (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM7:2005 [2009])

INCITS/ISO/IEC 14496-5:2001/AM8:2006 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 8: AVC fidelity range extensions reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM8:2006 [2009])

INCITS/ISO/IEC 14496-5:2001/AM9:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 9: Morphing & Textures reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM9:2007 [2009])

INCITS/ISO/IEC 14496-11:2005/AM5:2007 [R2014], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine Amendment 5: Support for Symbolic Music Notation (reaffirmation of INCITS/ISO/IEC 14496 -11/AM5:2007 [2009])

INCITS/ISO/IEC 14496-4:2004/AM17:2007 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 17: Advanced text and 2D graphics conformance (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM17:2007 [2009])

INCITS/ISO/IEC 14496-4:2004/AM23:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 23: Synthesized texture conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM23:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM24:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 24: File format conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM24:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM25:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 25: LASeR and SAF conformance (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM25:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 26: Conformance levels and bitstreams for Open Font Format (reaffirmation of INCITS/ISO/IEC 14496 -4:2004/AM26:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM27:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 27: LASeR and SAF (reaffirmation of INCITS/ISO/IEC 14496-4:2004/ AM27:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM28:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 28: Conformance extensions for simple profile level 6 (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM28:2008 [2009])

INCITS/ISO/IEC 14496-4:2004/AM29:2008 [R2014], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 29: Symbolic Music representation (reaffirmation of INCITS/ISO/IEC 14496-4:2004/AM29:2008 [2009])

INCITS/ISO/IEC 14496-5:2001/AM10:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 10: SSC, DST, ALS, and SLS reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM10:2007 [2009])

INCITS/ISO/IEC 14496-5:2001/AM11:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 11: MPEG-J GFX reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM11:2007 [2009])

INCITS/ISO/IEC 14496-5:2001/AM12:2007 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 12: Update file format reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM12:2007 [2009])

INCITS/ISO/IEC 14496-5:2001/AM13:2008 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 13: Geometry and shadow reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM13:2008 [2009])

INCITS/ISO/IEC 14496-5:2001/AM16:2008 [R2014], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 16: Symbolic music Representation reference software (reaffirmation of INCITS/ISO/IEC 14496-5:2001/AM16:2008 [2009])

INCITS/ISO/IEC 14772-2:2004 [R2014], Information technology - Computer graphics and image processing - The Virtual Reality Modelling Language (VRML) - Part 2: External Authoring Interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2:2004 [R2010])

INCITS/ISO/IEC 14888-2:2008 [R2014], Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms (reaffirmation of INCITS/ISO/IEC 14888-2:2008 [2009])

INCITS/ISO/IEC 14888-3:2006/COR1:2007 [R2014], Information technology - Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 14888-3:2006/COR1:2007 [2009])

INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [R2014], Information technology - Security Techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Corrigendum 2 (reaffirmation of INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [2009])

INCITS/ISO/IEC 15444-5:2003 [R2014], Information technology - JPEG 2000 Image Coding System - Reference software (reaffirmation of INCITS/ISO/IEC 15444-5:2003 [2009])

INCITS/ISO/IEC 15444-8:2007 [R2014], Information technology - JPEG 2000 image coding system - Secure JPEG 2000 (reaffirmation of INCITS/ISO/IEC 15444-8:2007 [2009])

INCITS/ISO/IEC 15444-9:2005 [R2014], Information technology - JPEG 2000 image coding system - Part 9: Interactivity tools, APIs and protocols (reaffirmation of INCITS/ISO/IEC 15444-9:2005 [2009])

INCITS/ISO/IEC 15444-11:2007 [R2014], Information technology - JPEG 2000 image coding system - Wireless (reaffirmation of INCITS/ISO/IEC 15444-11:2007 [2009])

INCITS/ISO/IEC 15444-13:2008 [R2014], Information technology - JPEG 2000 image coding system - An entry level JPEG 2000 encoder (reaffirmation of INCITS/ISO/IEC 15444-13:2008 [2009])

INCITS/ISO/IEC 15444-1:2004/AM1:2006 [R2014], Information technology - JPEG 2000 image coding system - Core coding system - Amendment 1: Profile for digital cinema applications (reaffirmation of INCITS/ISO/IEC 15444-1:2004/AM1:2006 [2009])

INCITS/ISO/IEC 15444-5:2003/AM1:2003 [R2014], Information technology - JPEG 2000 image coding system - Reference software - Amendment 1: Reference software for the JP2 file format (reaffirmation of INCITS/ISO/IEC 15444-5:2003/AM1:2003 [2009])

INCITS/ISO/IEC 15444-9:2005/AM2:2008 [R2014], Information technology - JPEG 2000 image coding system - Interactivity tools, APIs and protocols - Amendment 2: JPIP extensions (reaffirmation of INCITS/ISO/IEC 15444-9:2005/AM2:2008 [2009])

INCITS/ISO/IEC 15938-9:2005 [R2014], Information technology - Multimedia content description interface - Part 9: Profiles and levels (reaffirmation of INCITS/ISO/IEC 15938-9:2005 [2009])

INCITS/ISO/IEC 15938-10:2005 [R2014], Information technology - Multimedia content description Interface - Part 10: Schema definition (reaffirmation of INCITS/ISO/IEC 15938-10:2005 [2009])

INCITS/ISO/IEC 15938-1:2002/AM1:2005 [R2014], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 1: Systems extensions (reaffirmation of INCITS/ISO/IEC 15938-1:2002/ AM1:2005 [2009])

INCITS/ISO/IEC 15938-1:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 2: Fast access extension (reaffirmation of INCITS/ISO/IEC 15938-1:2002/ AM2:2006 [2009])

INCITS/ISO/IEC 15938-3:2002/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 1: Visual extensions (reaffirmation of INCITS/ISO/IEC 15938-3:2002/AM1:2004 [2009])

INCITS/ISO/IEC 15938-3:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 2: New visual (reaffirmation of INCITS/ISO/IEC 15938 -3:2002/AM2:2006 [2009])

INCITS/ISO/IEC 15938-4:2002/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 1: Audio extensions (reaffirmation of INCITS/ISO/IEC 15938-4:2002/AM1:2004 [2009])

INCITS/ISO/IEC 15938-4:2002/AM2:2006 [R2014], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 2: High level descriptors (reaffirmation of INCITS/ISO/IEC 15938-4:2002/AM2:2006 [2009])

INCITS/ISO/IEC 15938-5:2003/AM1:2004 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 1: Multimedia description schemes extensions (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM1:2004 [2009])

INCITS/ISO/IEC 15938-5:2003/AM2:2005 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 2: Multimedia description schemes user preference extensions (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM2:2005 [2009])

INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2014], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 3: Improvements to geographic descriptor (reaffirmation of INCITS/ISO/IEC 15938-5:2003/AM3:2008 [2009])

INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2014], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 1: Reference software extensions (reaffirmation of INCITS/ISO/IEC 15938-6:2003/AM1:2006 [2009])

INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2014], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 2: Reference software of perceptual 3D shape descriptor (reaffirmation of INCITS/ISO/IEC 15938-6:2003/AM2:2007 [2009])

INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 1: Conformance extensions (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM1:2005 [2009])

INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 2: Fast access extensions conformance (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM2:2007 [2009])

INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2014], Information technology - Multimedia content description interface - Part 7 Conformance testing - Amendment 3: Conformance testing of perceptual 3D shape descriptor (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM3:2007 [2009])

INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2014], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 4: Improvements to geographic descriptor conformance (reaffirmation of INCITS/ISO/IEC 15938-7:2003/AM4:2008 [2009])

INCITS/ISO/IEC 15946-1:2008/COR 1:2009 [R2014], Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 15946-1:2008/COR 1:2009 [2009])

INCITS/ISO/IEC 18014-1:2009 [R2014], Information technology - Security techniques - Time stamping services - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 18014-1:2009 [2009])

INCITS/ISO/IEC 18023-1:2006 [R2014], Information technology - Synthetic Environment Data Representation Interchange Specification (SEDRIS) - Part 1: Functional specification (reaffirmation of INCITS/ISO/IEC 18023-1:2006 [2009])

INCITS/ISO/IEC 18023-2:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) - Part 2: Abstract transmittal format (reaffirmation of INCITS/ISO/IEC 18023-2:2006 [2009])

INCITS/ISO/IEC 18023-3:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) - Part 3: Transmittal format binary encoding (reaffirmation of INCITS/ISO/IEC 18023-3:2006 [2009])

INCITS/ISO/IEC 18024-4:2006 [R2014], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) Language Bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18024-4:2006 [2009])

INCITS/ISO/IEC 18028-4:2005 [R2014], Information technology - Security techniques - IT network security - Part 4: Securing Remote Access (reaffirmation of INCITS/ISO/IEC 18028-4:2005 [R2009])

INCITS/ISO/IEC 18041-4:2007 [R2014], Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18041-4:2007 [2009])

INCITS/ISO/IEC 18042-4:2006 [R2014], Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (reaffirmation of INCITS/ISO/IEC 18042-4:2006 [2009])

INCITS/ISO/IEC 19776-2:2008 [R2014], Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: VRML Encoding (reaffirmation of INCITS/ISO/IEC 19776-2:2008 [2009])

INCITS/ISO/IEC 21000-4:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components (reaffirmation of INCITS/ISO/IEC 21000-4:2006 [2009])

INCITS/ISO/IEC 21000-5:2004 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language (reaffirmation of INCITS/ISO/IEC 21000-5:2004 [2009])

INCITS/ISO/IEC 21000-6:2004 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 6: Rights Data Dictionary (reaffirmation of INCITS/ISO/IEC 21000-6:2004 [2009])

INCITS/ISO/IEC 21000-8-2008 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software (reaffirmation of INCITS/ISO/IEC 21000-8:2008 [2009])

INCITS/ISO/IEC 21000-9:2005 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 9: File format (reaffirmation of INCITS/ISO/IEC 21000-9:2005 [2009])

INCITS/ISO/IEC 21000-10:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing (reaffirmation of INCITS/ISO/IEC 21000-10:2006 [2009])

INCITS/ISO/IEC 21000-14:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 14: Conformance Testing (reaffirmation of INCITS/ISO/IEC 21000-14:2007 [2009])

INCITS/ISO/IEC 21000-15:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 15: Event Reporting (reaffirmation of INCITS/ISO/IEC 21000-15:2006 [2009])

INCITS/ISO/IEC 21000-16:2005 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 16: Binary Format (reaffirmation of INCITS/ISO/IEC 21000-16:2005 [2009])

INCITS/ISO/IEC 21000-17:2006 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 17: Fragment Identification of MPEG Resources (reaffirmation of INCITS/ISO/IEC 21000-17:2006 [2009])

INCITS/ISO/IEC 21000-18:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 18: Digital Item Streaming (reaffirmation of INCITS/ISO/IEC 21000-18:2007 [2009])

INCITS/ISO/IEC 21000-3:2003/AM1:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 3: Digital Item Identification and Description - Amendment 1: Relates identifier types (reaffirmation of INCITS/ISO/IEC 21000-3:2003/AM1:2007 [2009])

INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2014], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Amendment 1: IPMP components base profile (reaffirmation of INCITS/ISO/IEC 21000-4:2006/ AM1:2007 [2009])

INCITS/ISO/IEC 21000-5:2004/AM1:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 1: MAM (Mobile And optical Media) profile (reaffirmation of INCITS/ISO/IEC 21000 -5:2004/AM1:2007 [2009])

INCITS/ISO/IEC 21000-5:2004/AM2:2007 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 2: DAC (Dissemination And Capture) profile (reaffirmation of INCITS/ISO/IEC 21000 -5:2004/AM2:2007 [2009])

INCITS/ISO/IEC 21000-5:2004/AM3:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 3: ORC (Open release content) profile (reaffirmation of INCITS/ISO/IEC 21000-5:2004/AM3:2008 [2009])

INCITS/ISO/IEC 21000-6:2004/AM1:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 6: Rights Data Dictionary - Amendment 1: Digital Item Identifier relationship types (reaffirmation of INCITS/ISO/IEC 21000-6:2004/AM1:2006 [2009])

INCITS/ISO/IEC 21000-9:2005/AM1:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part P: File Format - Amendment 1: MIME type registration (reaffirmation of INCITS/ISO/IEC 21000-9:2005/ AM1:2008 [2009])

INCITS/ISO/IEC 21000-10:2006/AM1:2006 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 10: Digital Item Processing - Amendment 1: Addition C++ bindings (reaffirmation of INCITS/ISO/IEC 21000-10:2006/AM1:2006 [2009])

INCITS/ISO/IEC 21000-15:2006/AM1:2008 [R2014], Information technology - Multimedia Framework (MPEG-21) - Part 15: Event Reporting - Amendment 1: Security in Event Reporting (reaffirmation of INCITS/ISO/IEC 21000-15:2006/AM1:2008 [2009])

INCITS/ISO/IEC 23000-2:2008 [R2014], Information technology - Multimedia Application format (MPEG-21) - Part 2: MPEG music player application format (2nd Edition) (reaffirmation of INCITS/ISO/IEC 23000-2:2008 [2009])

INCITS/ISO/IEC 23000-3:2007 [R2014], Information technology - Multimedia Application format (MPEG-21) - Part 3: MPEG photo player application format (reaffirmation of INCITS/ISO/IEC 23000 -3:2007 [2009])

INCITS/ISO/IEC 23000-7:2008 [R2014], Information technology - Multimedia application format (MPEG-A) - Part 7: Open access application format (reaffirmation of INCITS/ISO/IEC 23000-7:2008 [2009])

INCITS/ISO/IEC 23000-9:2008 [R2014], Information technology - Multimedia application format (MPEG-A) - Part 9: Digital Multimedia Broadcasting application format (reaffirmation of INCITS/ISO/IEC 23000-9:2008 [2009])

INCITS/ISO/IEC 23001-1:2006 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML (reaffirmation of INCITS/ISO/IEC 23001-1:2006 [2009])

INCITS/ISO/IEC 23001-2:2008 [R2014], Information technology - MPEG systems technologies - Part 2: Fragment request units (reaffirmation of INCITS/ISO/IEC 23001-2:2008 [2009])

INCITS/ISO/IEC 23001-5:2008 [R2014], Information technology - MPEG systems technologies - Part 5: Bitstream Syntax Description Language (BSDL) (reaffirmation of INCITS/ISO/IEC 23001-5:2008 [2009])

INCITS/ISO/IEC 23001-1:2006/AM1:2007 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 1: Conformance and reference software (reaffirmation of INCITS/ISO/IEC 23001-1:2006/AM1:2007 [2009])

INCITS/ISO/IEC 23001-1:2006/AM2:2008 [R2014], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 2: Conservation of prefixes and extensions on encoding of wild cards (reaffirmation of INCITS/ISO/IEC 23001-1:2006/AM2:2008 [2009])

INCITS/ISO/IEC 23002-1:2006 [R2014], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform (reaffirmation of INCITS/ISO/IEC 23002-1:2006 [2009])

INCITS/ISO/IEC 23002-2:2008 [R2014], Information technology - MPEG video technologies - Part 2: Fixed-point 8x8 inverse discrete cosine transform and discrete cosine transform (reaffirmation of INCITS/ISO/IEC 23002-2:2008 [2009])

INCITS/ISO/IEC 23002-3:2007 [R2014], Information technology - MPEG video technologies - Part 3: Representation of auxiliary video and supplemental information (reaffirmation of INCITS/ISO/IEC 23002 -3:2007 [2009])

INCITS/ISO/IEC 23002-1:2006/AM1:2008 [R2014], Information technology - MPEG video technologies - Part 1: accuracy requirements for implementation of integer-output 8x8 transform - Amendment 1: Software for integer IDCT accuracy testing (reaffirmation of INCITS/ISO/IEC 23002-1:2006/AM1:2008 [2009])

INCITS/ISO/IEC 23003-1:2007 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround (reaffirmation of INCITS/ISO/IEC 23003-1:2007 [2009])

INCITS/ISO/IEC 23003-1:2007/AM1:2008 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing (reaffirmation of INCITS/ISO/IEC 23003-1:2007/ AM1:2008 [2009])

INCITS/ISO/IEC 23003-1:2007/AM2:2008 [R2014], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software (reaffirmation of INCITS/ISO/IEC 23003-1:2007/ AM2:2008 [2009])

INCITS/ISO/IEC 23004-1:2007 [R2014], Information technology - Multimedia Middleware - Part 1: Architecture (reaffirmation of INCITS/ISO/IEC 23004-1:2007 [2009])

INCITS/ISO/IEC 23004-2:2007 [R2014], Information technology - Multimedia Middleware - Part 2: Multimedia application programming interface (API) (reaffirmation of INCITS/ISO/IEC 23004-2:2007 [2009])

INCITS/ISO/IEC 23004-3:2007 [R2014], Information technology - Multimedia Middleware - Part 3: Component model (reaffirmation of INCITS/ISO/IEC 23004-3:2007 [2009])

INCITS/ISO/IEC 23004-4:2007 [R2014], Information technology - Multimedia Middleware - Part 4: Resource and quality management (reaffirmation of INCITS/ISO/IEC 23004-4:2007 [2009])

INCITS/ISO/IEC 23004-5:2008 [R2014], Information technology - Multimedia Middleware - Part 5: Component download (reaffirmation of INCITS/ISO/IEC 23004-5:2008 [2009])

INCITS/ISO/IEC 23004-6:2008 [R2014], Information technology - Multimedia Middleware - Part 6: Fault management (reaffirmation of INCITS/ISO/IEC 23004-6:2008 [2009])

INCITS/ISO/IEC 23004-7:2008 [R2014], Information technology - Multimedia Middleware - Part 7: System integrity management (reaffirmation of INCITS/ISO/IEC 23004-7:2008 [2009])

INCITS/ISO/IEC 14662:2010, Information technology - Open-edi reference model (identical national adoption of ISO/IEC 14662:2010 and revision of INCITS/ISO/IEC 14662:2004 [2009])

INCITS/ISO/IEC 14957:2010, Information technology - Representation of data element values - Notation of the format (identical national adoption of ISO/IEC 14957:2010 and revision of INCITS/ISO/IEC 14957:1996 [2009])

INCITS/ISO/IEC 12089:1997 [R2014], Information technology - Computer graphics and image processing - Encoding for the Image Interchange Facility (IIF) (reaffirmation of INCITS/ISO/IEC 12089:1997 [S2009])

INCITS/ISO/IEC 15948:2004 [R2014], Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (reaffirmation of INCITS/ISO/IEC 15948:2004 [2009])

INCITS/ISO/IEC 18032:2005 [R2014], Information technology - Security techniques - Prime number generation (reaffirmation of INCITS/ISO/IEC 18032:2005 [R2009])

INCITS/ISO/IEC 19772:2009 [R2014], Information technology - Security techniques - Authenticated encryption (reaffirmation of INCITS/ISO/IEC 19772:2009 [2009])

INCITS/ISO/IEC 19774:2006 [R2014], Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) (reaffirmation of INCITS/ISO/IEC 19774:2006 [2009])

INCITS/ISO/IEC 21827:2008 [2009], Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model (SSE-CMM) (withdrawal of INCITS/ISO/IEC 21827:2008 [2009])

INCITS/ISO/IEC 10116:2006/COR1:2008 [R2014], Information technology - Security Techniques - Modes of operation for an n-bit block cipher - Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 10116:2006/COR1:2008 [2009])

INCITS/ISO/IEC 14492:2001/AM1:2004 [R2014], Information technology - Lossy/lossless coding of bi-level images - Amendment 1: Encoder (reaffirmation of INCITS/ISO/IEC 14492:2001/AM1:2004 [2009])

INCITS/ISO/IEC 14492:2001/AM2:2003 [R2014], Information technology - Lossy/lossless coding of bi-level images - Amendment 2: Extension of adaptive templates for halftone coding (reaffirmation of INCITS/ISO/IEC 14492:2001/AM2:2003 [2009])

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Megan Hayes*

Phone: (703) 841-3285

Fax: (703) 841-3385

E-mail: megan.hayes@nema.org

BSR C136.22-2004 (R2014), Roadway and Area Lighting Equipment - Internal Labeling of Luminaires (reaffirmation of ANSI C136.22-2004 (R2009))

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105

Contact: *Mindy Costello*

Phone: (734) 827-6819

Fax: (734) 827-7875

E-mail: mcostello@nsf.org

BSR/NSF 360-201x (i2r1), Field Performance Verification (revision of ANSI/NSF 360-2010)

PSAI (Portable Sanitation Association International)

Office: 7760 France Avenue South
11th Floor
Minneapolis, MN 55435

Contact: *Stacy Connolly*

Phone: (800) 822-3020

Fax: (952) 854-7560

E-mail: info@psai.org

BSR Z4.1-201x, Standard for Sanitation In Places of Employment: Minimum Requirements (revision of ANSI Z4.1-1986 (R2005))

BSR Z4.3-201x, Standard for Sanitation Non-Sewered Waste Disposal Systems: Minimum Requirements (revision of ANSI Z4.3-1995 (R2005))

BSR Z4.4-201x, Standard for Sanitation In Fields and Temporary Labor Camps: Minimum Requirements (revision of ANSI Z4.4-1988 (R2005))

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 560 om-201x, CIE whiteness and tint of paper and paperboard (d/0 geometry, C/2 illuminant /observer) (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

ANSI/TIA 4953-2012, Telecommunications - Telephone Terminal Equipment - Amplified Telephone Measurement Procedures and Performance Requirements (new standard)

BSR/TIA 455-25D-201x, FOTP-25 Impact Testing of Optical Fiber Cables (new standard)

BSR/TIA 455-11D-2010 (R201x), Vibration Test Procedure for Fiber Optic Components and Cables (reaffirmation of ANSI/TIA 455-11D -2010)

BSR/TIA 4953-A-201x, Acoustic Performance Requirements and Measurement Methods for High-Gain Amplified Telephones (revision and redesignation of ANSI/TIA 4953-2012)

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (revision of ANSI/UL 842-2013)

BSR/UL 1323-201x, Standard for Safety for Scaffold Hoists (new standard)

BSR/UL 1323-201x, Standard for Safety for Scaffold Hoists (revision of ANSI/UL 1323-2012)

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2013)

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2013)

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.

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD24347:2014, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device, 80 mm (national adoption of ISO 24347:2005 with modifications and revision of ANSI/ASABE/ISO 24347-2009): 6/19/2014

ASTM (ASTM International)

New Standard

ANSI/ASTM D7915-2014, Practice for Application of Generalized Extreme Studentized Deviation (GESD) technique for the simultaneous identification of multiple outliers in a data set (new standard): 5/20/2014

ANSI/ASTM E2886-2014, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (new standard): 5/20/2014

ANSI/ASTM F1355-2014, Guide for Irradiation of Fresh Agricultural Produce as a Phytosanitary Treatment (new standard): 6/17/2014

ANSI/ASTM F3085-2014, Specification for Airsoft Gun Barrel Blocking Devices (new standard): 5/20/2014

Reaffirmation

ANSI/ASTM C781-2008 (R2014), Practice for Testing Graphite and Boronated Graphite Materials for High-Temperature Gas-Cooled Nuclear Reactor Components (reaffirmation of ANSI/ASTM C781 -2008): 5/20/2014

ANSI/ASTM D2276-2006 (R2014), Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling (reaffirmation of ANSI/ASTM D2276-2006): 6/17/2014

ANSI/ASTM D7219-2008 (R2014), Specification for Isotropic and Near-Isotropic Nuclear Graphites (reaffirmation of ANSI/ASTM D7219-2008): 5/20/2014

ANSI/ASTM E2559-2008 (R2014), Portable Document Format in Healthcare, A Best Practice Guide (reaffirmation of ANSI/ASTM E2559-2008): 6/17/2014

ANSI/ASTM E2682-2009 (R2014), Guide for Developing a Disaster Recovery Plan for Medical Transcription Departments and Businesses (reaffirmation of ANSI/ASTM E2682-2009): 6/17/2014

ANSI/ASTM F1979-2010 (R2014), Specification for Paintballs Used in the Sport of Paintball (reaffirmation of ANSI/ASTM F1979-2010): 5/20/2014

ANSI/ASTM F2184-2010 (R2014), Guide for Installation of Paintball Barrier Netting (reaffirmation of ANSI/ASTM F2184-2010): 5/20/2014

ANSI/ASTM F2278-2010a (R2014), Test Method for Evaluating Paintball Barrier Netting (reaffirmation of ANSI/ASTM F2278 -2010a): 5/20/2014

ANSI/ASTM F2573-2006 (R2014), Specification for Low Velocity Resilient Material Projectile (reaffirmation of ANSI/ASTM F2573 -2006 (R2010)): 5/20/2014

ANSI/ASTM F2574-2006 (R2014), Specification for Low Velocity Projectile Marker (reaffirmation of ANSI/ASTM F2574-2006 (R2010)): 5/20/2014

Revision

ANSI/ASTM D3241-2014, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2013): 5/20/2014

ANSI/ASTM D6227-2014, Specification for Unleaded Aviation Gasoline Containing a Non-hydrocarbon Component (revision of ANSI/ASTM D6227-2012): 5/20/2014

ANSI/ASTM D6300-2014a, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2013a): 6/17/2014

ANSI/ASTM D6300-2014, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2013a): 5/20/2014

ANSI/ASTM D6615-2014, Specification for Jet B Wide-Cut Aviation Turbine Fuel (revision of ANSI/ASTM D6615-2014): 5/20/2014

ANSI/ASTM D7547-2014, Specification for Hydrocarbon Unleaded Aviation Gasoline (revision of ANSI/ASTM D7547-2014): 5/20/2014

ANSI/ASTM D7566-2014a, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2013): 6/17/2014

ANSI/ASTM D7566-2014, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2013): 5/20/2014

ANSI/ASTM D7592-2014, Specification for Specification for Grade 94 Unleaded Aviation Gasoline Certification and Test Fuel (revision of ANSI/ASTM D7592-2010): 5/20/2014

ANSI/ASTM D7719-2014a, Specification for High-Octane Unleaded Fuel (revision of ANSI/ASTM D7719-2013): 6/17/2014

ANSI/ASTM D7719-2014, Specification for High-Octane Unleaded Fuel (revision of ANSI/ASTM D7719-2013): 5/20/2014

ANSI/ASTM E329-2014, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2013): 6/17/2014

ANSI/ASTM E1354-2014, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1354-2013): 5/20/2014

ANSI/ASTM E2102-2014, Test Method for Measurement of Mass Loss and Ignitability for Screening Purposes Using a Conical Radiant Heater (revision of ANSI/ASTM E2102-2013): 5/20/2014

ANSI/ASTM E2586-2014, Practice for Calculating and Using Basic Statistics (revision of ANSI/ASTM E2586-2013): 6/17/2014

ANSI/ASTM F381-2014, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2013): 5/20/2014

ANSI/ASTM F861-2014, Specification for Commercial Dishwashing Racks (revision of ANSI/ASTM F861-2008): 6/17/2014

ANSI/ASTM F917-2014, Specification for Commercial Food Waste Disposers (revision of ANSI/ASTM F917-2008): 6/17/2014

ANSI/ASTM F953-2014, Specification for Commercial Dishwashing Machines (Stationary Rack, Dump Type) Chemical Sanitizing (revision of ANSI/ASTM F953-2008): 6/17/2014

ANSI/ASTM F1321-2014, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (revision of ANSI/ASTM F1321-2013): 5/20/2014

ANSI/ASTM F1495-2014a, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2014): 6/17/2014

ANSI/ASTM F1696-2014, Test Method for Energy Performance of Single-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2007): 5/20/2014

ANSI/ASTM F1887-2014, Test Method for Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs (revision of ANSI/ASTM F1887-2009): 5/20/2014

ANSI/ASTM F1899-2014, Specification for Food Waste Pulper Without Waterpress Assembly (revision of ANSI/ASTM F1899-2008): 6/17/2014

ANSI/ASTM F2092-2014, Specification for Convection Oven Gas or Electric (revision of ANSI/ASTM F2092-2001 (R2007)): 6/17/2014

ANSI/ASTM F2219-2014, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219-2013): 5/20/2014

CEA (Consumer Electronics Association)

New Standard

* ANSI/CEA 2045.1-2014, Modular Communications Interface for Firmware Transfer Message Set (new standard): 6/19/2014

HL7 (Health Level Seven)

New Standard

ANSI/HL7 CDAR2L3IG EMSRUNRPT, R1-2014, HL7 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 1 - US Realm (new standard): 6/19/2014

INMM (ASC N14) (Institute of Nuclear Materials Management)

New Standard

ANSI N14.5-2014, Leakage Tests on Packages for Shipment (new standard): 6/19/2014

IREC (Interstate Renewable Energy Council, Inc.)

New Standard

ANSI/IREC 14732-2014, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard): 6/18/2014

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

New National Adoption

INCITS/ISO/IEC 27001:2014, Information technology - Security techniques - Information security management systems - Requirements (identical national adoption of ISO/IEC 27001:2013): 6/18/2014

INCITS/ISO/IEC 27002:2014, Information technology - Security techniques - Code of practice for information security controls (identical national adoption of ISO/IEC 27002:2013): 6/18/2014

Withdrawal

INCITS/ISO/IEC TR 10037:1991 [2010], Information technology - SGML and Text-entry Systems - Guidelines for SGML Syntax-Directed Editing Systems (withdrawal of INCITS/ISO/IEC TR 10037:1991 [2010]): 6/19/2014

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standard

* ANSI C78.50-2014, Electric Lamps - ANSLG Assigned LED Lamp Codes (new standard): 6/19/2014

Revision

* ANSI C78.79-2014, Electric Lamps - Nomenclature for Envelope Shapes Intended for use with Electric Lamps (revision and redesignation of ANSI C79.1-2002 (R2007)): 6/19/2014

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 455 sp-2014, Identification of wire side of paper (new standard): 6/18/2014

ANSI/TAPPI T 569 om-2014, Internal bond strength (Scott type) (new standard): 6/18/2014

ANSI/TAPPI T 648 om-2014, Viscosity of coating clay slurry (new standard): 6/18/2014

ANSI/TAPPI T 1200 sp-2014, Interlaboratory evaluation of test methods to determine TAPPI repeatability and reproducibility (new standard): 6/18/2014

TIA (Telecommunications Industry Association)

Reaffirmation

ANSI/TIA 455-203-A-2009 (R2014), Light Source Encircled Flux Measurement Method (reaffirmation of ANSI/TIA 455-203-A-2009): 6/19/2014

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Reaffirmation

ANSI B74.21-2002 (R2014), Fatigue Proof Test Procedure for Vitrified Wheels (reaffirmation of ANSI B74.21-2002 (R2007)): 6/19/2014

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (reaffirmation of ANSI B74.22-1991 (R2007)): 6/19/2014

Revision

ANSI B74.11-2014, Specifications for Tumbling Chip Abrasives (revision of ANSI B74.11-1993 (R2009)): 6/18/2014

ANSI B74.18-2014, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2006): 6/19/2014

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 30-2004 (R2014), Standard for Safety for Metal Safety Cans (reaffirmation of ANSI/UL 30-2004 (R2009)): 6/19/2014

ANSI/UL 1314-2005 (R2014), Standard for Safety for Special-Purpose Metal Containers (reaffirmation of ANSI/UL 1314-2005 (R200x)): 6/19/2014

Revision

ANSI/UL 1323-2014, Standard for Safety for Scaffold Hoists (revision of ANSI/UL 1323-2012): 6/18/2014

ANSI/UL 1323-2014a, Standard for Safety for Scaffold Hoists (revision of ANSI/UL 1323-2012): 6/18/2014

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Colleen Elliott*

Fax: (703) 276-0793

E-mail: celliott@aami.org

BSR/AAMI/ISO 5367-201x, Anaesthetic and respiratory equipment - Breathing sets and connectors (new standard)

Stakeholders: Manufacturers of breathing sets and connectors.

Project Need: Standardization of breathing sets and connectors.

This International Standard specifies basic requirements for breathing sets and breathing tubes intended to be used with anaesthetic breathing systems, ventilator breathing systems, humidifiers, or nebulizers. It applies to breathing sets and breathing tubes and patient-end adaptors supplied already assembled and to those supplied as components and assembled in accordance with the manufacturer's instructions.

BSR/AAMI/ISO 8836-201x, Suction catheters for use in the respiratory tract (new standard)

Stakeholders: Manufacturers of suction catheters for use in the respiratory tract.

Project Need: Standardization of suction catheters for use in the respiratory tract

This International Standard specifies requirements for suction catheters, including closed suction catheters, made of flexible materials and intended for use in suctioning of the respiratory tract.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 715 (I-P)-201x, Performance Rating of Liquid Line Filters (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for liquid line filters: definitions; tubing connections; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to hermetic liquid line filters designed for use in the liquid line of all types of refrigeration and air-conditioning systems employing the following refrigerants: R-22, R-134a, R-290, R-404A, R-407A, R-407C, R-410A, R-507A, R-600a, and R-744 as defined in ANSI/ASHRAE 34 with Addenda. This standard provides a means of determining the overall filter efficiency and contaminant capacity of a liquid line filter at specified conditions.

BSR/AHRI Standard 716 (SI)-201x, Performance Rating of Liquid Line Filters (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for liquid line filters: definitions; tubing connections; test requirements; rating requirements; minimum data requirements for Published Ratings; marking, and nameplate data; and conformance conditions.

This standard applies to hermetic liquid line filters designed for use in the liquid line of all types of refrigeration and air-conditioning systems employing the following refrigerants: R-22, R-134a, R-290, R-404A, R-407A, R-407C, R-410A, R-507A, R-600a, and R-744 as defined in ANSI/ASHRAE 34 with Addenda. This standard provides a means of determining the overall filter efficiency and contaminant capacity of a liquid line filter at specified conditions.

BSR/AHRI Standard 1160 (I-P)-201x, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1160 (I-P) -2011)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for heat pump pool heaters: definitions; classifications; test requirements; rating requirements; minimum data requirements for Published Ratings; operating requirements; marking and nameplate data; and conformance conditions.

This standard applies to the rating and testing of complete factory-made heat pump pool heater refrigeration systems as defined in Section 3.

BSR/AHRI Standard 1161 (SI)-201x, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1161 (SI) -2011)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for heat pump pool heaters: definitions; classifications; test requirements; rating requirements; minimum data requirements for Published Ratings; operating requirements; marking and nameplate data; and conformance conditions.

This standard applies to the rating and testing of complete factory-made heat pump pool heater refrigeration systems as defined in Section 3.

BSR/AHRI Standard 1241 (SI)-201x, Performance Rating of Active Chilled Beams (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to provide, for active chilled beams: definitions; classifications; standard equipment; testing requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and voluntary conformance conditions.

This standard applies to active chilled beams as defined in Section 3, including multi-service active chilled beams and room air induction units.

AISI (American Iron and Steel Institute)

Office: 25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001

Contact: *Helen Chen*

Fax: (202) 452-1039

E-mail: Hchen@steel.org

BSR/AISI S915-15-201x, Test Standard for Cold-Formed Steel Wall Stud Bracing Bridging Connectors (new standard)

Stakeholders: Cold-formed steel framing industry, building officials, and general public.

Project Need: This standard is to establish test methods for determining the strength and stiffness of bridging connectors for cold-formed steel wall stud bracing for nonstructural and structural wall studs in light-frame construction.

The test standard is applicable to typical bridging connector assemblies used in light-frame construction where bridging connectors are attached to cold-formed steel wall studs and the bridging member is connected by mechanical fastening. The test methods are provided to determine bridging connector torsional moment strength, bridging connector brace strength, and bridging connector deformation behavior.

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 B16.10-201x, Face-To-Face and End-To-End Dimensions of Valves (revision of ANSI/ASME B16.10-2009)

Stakeholders: Users, manufacturers, distributors, consultants, and government.

Project Need: This standard provides updates to the 2009 edition of the standard on face-to-face and end-to-end dimensions of valves.

This Standard covers face-to-face and end-to-end dimensions of straightway valves, and center-to-face and center-to-end dimensions of angle valves. Its purpose is to ensure installation interchangeability for valves of a given material, type, size, rating class, and end connection. Face-to-face and center-to-face dimensions apply to flanged end valves with the following facings: flat, raised face, male, tongue. Face-to-face and center-to-face dimensions also apply to other valves intended for assembly between flat face or raised face flanges. End-to-end dimensions apply to grooved end, buttwelding end, and flanged end valves with the following facings: ring joint, female, and groove. Center-to-end dimensions apply to buttwelding end and to flanged end valves with the following facings: ring joint, female, and groove.

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Dave Wilson*

E-mail: dwilson@ce.org

* BSR/CEA 2051-201x, Personal Sound Amplification Performance Criteria (new standard)

Stakeholders: Consumer electronics industry, consumers, manufacturers, and retailers.

Project Need: Create a standard describing the minimum acceptable performance levels of products that serve as personal sound amplifiers. CEA is particularly interested in adding new consensus body members (called "users") who acquire portable, handheld, or in-vehicle products from those who create them, and in adding new members who neither produce nor use portable, handheld, or in-vehicle electronics products, such as regulators, associations, and others (called members with a "general interest").

This standard describes the minimum acceptable performance levels of products that serve as personal sound amplifiers.

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Fax: (703) 907-4197

E-mail: vlancaster@ce.org; dwilson@ce.org

* BSR/CEA 2050-201x, Interoperability Using Standardized Device Descriptions (new standard)

Stakeholders: Manufacturers, developers.

Project Need: Develop a standard defining XML templates and/or schema and related requirements to describe home automation device functionality, data formats, and messaging for use by manufacturers.

This standard defines XML templates and/or schema and related requirements for use by manufacturers. Manufacturers will use these templates and/or schema to describe some or all of their devices' functionality, data formats and messaging. The schema developed by manufacturers can then be used by developers to create applications, products, and services that communicate with and control the devices.

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 14662:2010, Information technology - Open-edi reference model (identical national adoption of ISO/IEC 14662:2010 and revision of INCITS/ISO/IEC 14662:2004 [2009])

Stakeholders: ICT industry.

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

ISO/IEC 14662:2010 specifies the framework for co-ordinating the integration of existing International Standards and the development of future International Standards for the inter-working of Open-edi Parties via Open-edi and provides a reference for those International Standards. As such it serves to guide the work necessary to accomplish Open-edi by providing the context to be used by developers of International Standards to ensure the coherence and integration of related standardized modelling and descriptive techniques, services, service interfaces, and protocols.

INCITS/ISO/IEC 14957:2010, Information technology - Representation of data element values - Notation of the format (identical national adoption of ISO/IEC 14957:2010 and revision of INCITS/ISO/IEC 14957:1996 [2009])

Stakeholders: ICT industry.

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

ISO/IEC 14957:2010 specifies the notation to be used for stating the format, i.e., the character classes, used in the representation of data elements and the length of these representations. It also specifies additional notations relative to the representation of numerical figures. For example, this formatting technique might be used as part of the metadata for data elements. The scope of ISO/IEC 14957:2010 is limited to graphic characters, such as digits, letters, and special characters. The scope is limited to the basic datatypes of characters, character strings, integers, reals, and pointers.

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

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

Contact: *Deborah Spittle*

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 14496-12:2012, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2012 and revision of INCITS/ISO/IEC 14496-12:2008 [2009])

Stakeholders: ICT industry.

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

This part of ISO/IEC 14496 specifies the ISO base media file format, which is a general format forming the basis for a number of other more specific file formats. This format contains the timing, structure, and media information for timed sequences of media data, such as audio-visual presentations.

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 560 om-201x, CIE whiteness and tint of paper and paperboard (d/0 geometry, C/2 illuminant /observer) (new standard)

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

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise it if needed to address new technology or correct errors.

This method is to be used to determine the CIE whiteness and tint indices of white or near-white specimens with or without optical brighteners. Whiteness differs fundamentally from paper brightness in that whiteness includes the entire visible spectrum in its assessment whereas brightness includes only the blue portion of the spectrum.

TCNA (ASC A108) (Tile Council of North America)

Office: 100 Clemson Research Blvd.
Anderson, SC 29625

Contact: *Katelyn Simpson*

Fax: (864) 646-2821

E-mail: KSimpson@tileusa.com

* BSR A108.1A-201x, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2013)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category), distributors, retailers and consumers (user interest category); and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested that revisions be made to bring consistency within the standard.

This specification is intended to describe the requirements for installation of ceramic tile in the wet-set method.

TIA (Telecommunications Industry Association)

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

Contact: *Germaine Palangdao*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-25D-201x, FOTP-25 Impact Testing of Optical Fiber Cables (new standard)

Stakeholders: Telecom; optical fiber manufacturers; developers; and users.

Project Need: Provide updates for an existing standard.

FOTP 25 existing test procedure is being revised to harmonize with International test method.

TIA (Telecommunications Industry Association)

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

Contact: *Marianna Kramarikova*

E-mail: standards@tiaonline.org

BSR/TIA 4953-A-201x, Acoustic Performance Requirements and Measurement Methods for High-Gain Amplified Telephones (revision and redesignation of ANSI/TIA 4953-2012)

Stakeholders: Hearing loss community, amplified telephone industry, accessibility special interest groups.

Project Need: Provide updates for an existing standard.

This revision project is proposed to make the following changes to the existing standard: (1) Add requirements for digital interface telephones; (2) Add requirements for sidetone; (3) Add requirements for distortion for any volume control setting and any input level; (4) Remove the "Maximum Usable Gain" measurement clause; (5) Add requirements for testing send level during conversation simulation; and (6) Revise the requirements for the "Mild" criteria to align with the volume control requirements for regular telephones. These revisions are necessary to improve the applications for this standard.

UL (Underwriters Laboratories, Inc.)

Office: 455 E Trimble Road
San Jose, CA 95131-1230

Contact: *Linda Phinney*

Fax: (408) 754-6684

E-mail: Linda.L.Phinney@ul.com

BSR/UL 2592-201X, Standard for Safety for Low Voltage LED Wire (new standard)

Stakeholders: LED sign and lighting manufacturers, low-voltage LED wire manufacturers, AHJs.

Project Need: To obtain national recognition of a standard covering low-voltage LED wire.

The requirements cover single-conductor and multi-conductor, unjacketed, 18 – 10 AWG (0.807 – 5.16 mm2), low voltage LED wire rated 105°C – 250°C (221°F – 482°F), and 300 or 600 volts, suitable for installation in dry and damp, or wet locations. The wires are for use with signs, outline lighting, and interior lighting where the wire is only connected to a secondary circuit, is only accessible during user servicing of the sign, not required to be additionally enclosed by the sign enclosure, in accordance with the Standard for Electrical Signs, UL 48.

VC (ASC Z80) (The Vision Council)

Office: 225 Reinekers Lane
Suite 700
Alexandria, VA 22314

Contact: *Amber Robinson*

Fax: (703) 548-4580

E-mail: arobinson@thevisioncouncil.org

BSR Z80.10-201x, Tonometers (identical national adoption of ISO/DIS 8612.2, ISO 15004:1997 and revision of ANSI Z80.10-2009)

Stakeholders: Manufacturers, professional users, regulators.

Project Need: High

This standard, together with ISO 15004-1:2006 Fundamental requirements and test methods - Part 1: General requirements applicable to all instruments - First edition, specifies minimum requirements and the design compliance procedure for tonometers intended for routine clinical use in the estimation of intraocular pressure (IOP) for the detection, diagnosis, and management of ocular abnormalities.

BSR Z80.11-201x, Laser Systems for Corneal Reshaping (revision of ANSI Z80.11-2007)

Stakeholders: Manufacturers, professional users, regulators.

Project Need: High

This standard applies to any laser system whose primary intended use is to alter the shape of the cornea through the removal of corneal tissue, resulting in the improvement of visual performance. This standard addresses the vocabulary, performance requirements, labeling, and clinical investigations necessary for this type of device.

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.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8261
Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529
Web: www.ada.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

AISI
American Iron and Steel Institute
25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.org

AMCi
AMC Institute
700 N. Fairfax Street, Suite 510
Alexandria, VA 22314
Phone: (856) 417-6227
Web: www.amcinstitute.org

ARMA
ARMA International
11880 College Boulevard
Suite 450
Overland Park, KS 66210
Phone: (913) 312-5565
Fax: (913) 341-3742
Web: www.arma.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

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

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

AWEA
American Wind Energy Association
1501 M Street, NW,
Suite 1000
Washington, DC 20005
Phone: (202) 383-2500
Web: www.awea.org

CEA
Consumer Electronics Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.ce.org

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

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

INMM (ASC N14)
Institute of Nuclear Materials Management
75 North 200 East
Oak Ridge National Laboratory
Richmond, UT 84333
Phone: (435) 258-3730
Web: www.inmm.org

IREC
Interstate Renewable Energy Council, Inc.
125 Wolf Road
Suite 404
Albany, NY 12205
Phone: (518) 621-7379
Web: www.irecusa.org

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.org

NEMA (ASC C78)
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

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

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

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3285
Fax: (703) 841-3385
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

PSAI
Portable Sanitation Association International
7760 France Avenue South
11th Floor
Minneapolis, MN 55435
Phone: (800) 822-3020
Fax: (952) 854-7560
Web: www.psai.org

RESNET
Residential Energy Services Network, Inc.
2170 S. El Camino Real
Suite 206
Oceanside, CA 92054
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

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

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7497
Fax: (703) 907-7727
Web: www.tiaonline.org

TPI
Truss Plate Institute

218 North Lee Street
Suite 312
Alexandria, VA 22314
Phone: (703) 683-1010
Fax: (866) 445-3497
Web: www.tpinst.org

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.uama.org

UL
Underwriters Laboratories, Inc.

455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6684
Fax: (408) 754-6684
Web: www.ul.com

VC (ASC Z80)
The Vision Council

225 Reinekers Lane
Suite 700
Alexandria, VA 22314
Phone: (703) 740-1094
Fax: (703) 548-4580
Web: www.thevisioncouncil.org

IEC Draft International Standards

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

Comments

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

Ordering Instructions

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an IEC 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.

17A/1067/CD, IEC 62271-102 Ed.2: High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, 09/26/2014

21A/550/FDIS, IEC 62675: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride prismatic rechargeable single cells, 08/15/2014

22F/355/CD, Amendment 1 - IEC/TR 60919-3 Ed.2: Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 3: Dynamic conditions, 08/15/2014

22F/356/CD, Amendment 2 - IEC 61803 Ed.1: Determination of power losses in high-voltage direct current (HVDC) converter stations, 09/26/2014

34D/1132/FDIS, IEC 62722-1 Ed.1: Luminaire performance - Part 1: General requirements, 08/15/2014

34A/1767/CDV, IEC 62838 Ed.1: Semi-integrated LED lamps for general lighting services with supply voltages not exceeding 50 V a. c. r.m.s. or 120V ripple free d.c. - Safety specification, 09/19/2014

34A/1774/CD, Amendment 1 to IEC 61167 Ed.3: Metal halide lamps - Performance specification, 09/19/2014

34A/1776/NP, PNW 34A-1776: General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions, 09/19/2014

45B/800/CD, IEC 62327 Ed.2: Radiation protection instrumentation - Hand-held instruments for the detection and identification of radionuclides and for the estimation of ambient dose equivalent rate from photon radiation, 09/26/2014

46C/999/CD, IEC/TR 61156-1-6: Multicore and symmetrical pair/quad cables for digital communications - Part 1-6: Exploratory DC-resistance values of floor-wiring and work-area cables for digital communications, 09/19/2014

46A/1213/FDIS, IEC 61196-10: Coaxial Communication Cables - Part 10: Sectional specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric, 09/05/2014

46A/1214/FDIS, IEC 61196-10-1: Coaxial Communication Cables - Part 10: Blank detail specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric, 09/05/2014

59A/183/CDV, IEC 60436 f1 Ed.4: Electric dishwashers for household use - Methods for measuring the performance, 09/19/2014

59A/184/CDV, IEC 60436 f2 Ed.4: Electric dishwashers for household use - Methods for measuring the performance, 09/19/2014

59F/261/CD, IEC 60312-1 Ed 2: Title: Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance, 09/05/2014

61H/303/AC, WG 1: Dependently timed energisers - Call for experts, 09/05/2014

62A/942/FDIS, IEC 62353: Medical electrical equipment - Recurrent test and test after repair of medical electrical equipment, 08/15/2014

62A/943/DTR, IEC TR 80001-2-5: Application of risk management for IT-networks incorporating medical devices - Part 2-5: Application guidance - Guidance on distributed alarm systems, 09/05/2014

86C/1240/CDV, IEC 61290-4-3/Ed1: Optical amplifiers - Test methods - Part 4-3: Power transient parameters - Single channel optical amplifiers in output power control, 09/19/2014

86B/3800/CD, IEC 61977/Ed3: Fibre optic interconnecting devices and passive components - Fibre optic filters - Generic specification, 09/19/2014

86B/3802/CD, IEC 62077/Ed3: Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, 09/19/2014

119/48/CD, IEC 62899-1 Ed.1: Printed electronics - Materials - Part 1: Substrates, 09/19/2014

119/49A/CD, IEC 62899-2-1 Ed.1: Printed electronics - Materials - Part 2-1: Conductive Material Ink, 09/19/2014

119/49/CD, IEC 62899-2-1 Ed.1: Printed electronics - Materials - Part 2-1: Conductive Material Ink, 09/19/2014

29/847/FDIS, IEC 62489-2: Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 2: Methods of calculating and measuring the low-frequency magnetic field emissions from the loop for assessing conformity with guidelines on limits for human exposure, 09/05/2014

36/348/CD, IEC/TS 62896 Ed. 1.0: Hybrid insulators for a.c. and d.c. applications with voltage greater than 1 000 V-- Definitions, test methods and acceptance criteria, 09/26/2014

36/349/CD, IEC 61466-1 Ed. 2.0: Composite string insulator units for overhead lines with a nominal voltage greater that 1000 V - Part 1: Standard strength and end fittings, 09/26/2014

46/510/CDV, IEC 62153-4-15/Ed 1: Metallic Communication Cable test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with Triaxial Cell, 09/19/2014

66/532/FDIS, IEC 61010-2-010 Ed.3: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -010: Particular requirements for laboratory equipment for the heating of materials, 09/05/2014

69/297/CD, IEC 62840-1 Ed.1: Electric vehicle battery swap system - Part 1: System description and general requirements, 09/05/2014

73/171/DTS, IEC /TS 60865-2 Ed. 2.0. Short-circuit currents - Calculation of effects. Part 2: Examples of calculation, 09/26/2014

77/459/CDV, IEC 61000-6-5: Electromagnetic compatibility (EMC) Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environments, 09/26/2014

79/482/NP, Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices (proposed IEC 62676-5), 09/19/2014

79/483/CD, IEC 62820-1-1 Ed.1: General requirements for building intercom systems - Part 1-1: General building intercom systems, 09/19/2014

82/867/NP, Future IEC 62xxx Ed.1: Photovoltaic module bypass diode thermal runaway test, 09/26/2014

86/468/CD, IEC 62129-1 Ed.1.0: Calibration of wavelength/optical frequency measurement instruments - Part 1: Optical spectrum analyzers, 09/26/2014

105/503/CDV, IEC 62282-3-200 Ed.2: Fuel cell technologies - Part 3 -200: Stationary fuel cell power systems - Performance test methods, 09/26/2014

108/545/DC, Evaluation of common Class I, IEC appliance receptacles for Class II use, 08/15/2014

110/571/CDV, IEC 62341-2-1 Ed.1: Organic light emitting diode (OLED) displays - Part 2-1: Essential ratings and characteristics of OLED display modules, 09/19/2014

112/300/CD, IEC/TR 61857-2 Ed.1: Electrical insulation systems - Procedures for thermal evaluation - Part 2: Selection of the appropriate test method for evaluation and classification of electrical insulation systems, 10/24/2014

116/190/NP, IEC 62841-2-11/Ed: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws (jig and sabre saws), 09/19/2014

116/193/NP, IEC 62841-2-14/Ed1: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-14: Particular requirements for hand-held planers, 09/26/2014

13/1582A/CD, IEC/TS 62056-9-1/Ed.1: Electricity Metering Data Exchange - Part 9-1: Communication Profile using web-services to access a DLMS/COSEM Server via a COSEM Access Service (CAS), 09/05/2014

31/1130/DC, Revision of IEC 60079-0 Explosive atmospheres - Part 0: Equipment - General requirements, 09/19/2014

55/1475/CDV, IEC 60172/Ed4: Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires, 09/19/2014

55/1476/CDV, IEC 60317-0-9/Ed1: Specifications for particular types of winding wires - Part 0-9: General requirements - Enamelled rectangular aluminium wire, 09/19/2014

78/1047/CD, IEC 61482-2: Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, 09/26/2014

89/1220/FDIS, IEC 60695-1-11/Ed2: Fire hazard testing - Part 1-11: Guidance for assessing the fire hazard of electrotechnical products - Fire hazard assessment, 09/05/2014

91/1188/FDIS, IEC 62137-4 Ed. 1: Electronics assembly technology - Part 4: Endurance test methods for solder joint of area array type package surface mount devices, 09/05/2014

100/2355/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 4-1: Protocols, 09/19/2014

100/2356/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 4-2: Examples of Protocol Sequence, 09/19/2014

100/2357/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 5-1: Declarative Application Environment, 09/19/2014

100/2358/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 5-2: Web Standards TV Profile, 09/19/2014

100/2359/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 6: Procedural Application Environment, 09/19/2014

100/2360/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 7: Authentication, Content Protection and Service Protection, 09/19/2014

100/2361/NP, Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 8: Profiles, 09/19/2014

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 3493:2014, Vanilla - Vocabulary, $66.00

ESSENTIAL OILS (TC 54)

ISO 9235/Cor1:2014, Aromatic natural raw materials - Vocabulary - Corrigendum, FREE

FINE CERAMICS (TC 206)

ISO 17139:2014, Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of thermal expansion, $99.00

FLOOR COVERINGS (TC 219)

ISO 17984:2014, Machine-made textile floor coverings - Determination of dimensional changes after exposure to heat and/or water, $88.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-3:2014, Industrial trucks - Verification of stability - Part 3: Reach and straddle trucks, $77.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 12715:2014, Non-destructive testing - Ultrasonic testing - Reference blocks and test procedures for the characterization of contact probe sound beams, $149.00

NUCLEAR ENERGY (TC 85)

ISO 15366-1:2014, Nuclear fuel technology - Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography - Part 1: Samples containing plutonium in the microgram range and uranium in the milligram range, $88.00

ISO 15366-2:2014, Nuclear fuel technology - Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography - Part 2: Samples containing plutonium and uranium in the nanogram range and below, $88.00

PAPER, BOARD AND PULPS (TC 6)

ISO 2759:2014, Board - Determination of bursting strength, $108.00

PLAIN BEARINGS (TC 123)

ISO 3548-1:2014, Plain bearings - Thin-walled half bearings with or without flange - Part 1: Tolerances, design features and methods of test, $139.00

ROAD VEHICLES (TC 22)

ISO 16380:2014, Road vehicles - Blended fuels refuelling connector, $189.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 6808:2014, Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids - Specification, $108.00

STEEL (TC 17)

ISO 4998:2014, Continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet of structural quality, $108.00

TEXTILES (TC 38)

ISO 13629-2:2014, Textiles - Determination of antifungal activity of textile products - Part 2: Plate count method, $123.00

THERMAL INSULATION (TC 163)

ISO 10916:2014, Calculation of the impact of daylight utilization on the net and final energy demand for lighting, $224.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 9455-5:2014, Soft soldering fluxes - Test methods - Part 5: Copper mirror test, $58.00

ISO Technical Reports

PLAIN BEARINGS (TC 123)

ISO/TR 17606:2014, Plain bearings - Lubrication characteristics of crosshead pin bearings for low-speed marine diesel engines, $77.00

PLASTICS (TC 61)

ISO/TR 17801:2014, Plastics - Standard table for reference global solar spectral irradiance at sea level - Horizontal, relative air mass 1, $114.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/TS 17758:2014, Instant dried milk - Determination of the dispersibility and wettability, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24727-1:2014, Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture, $132.00

IEC Standards

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

IEC 60268-4 Ed. 5.0 b:2014, Sound system equipment - Part 4: Microphones, $303.00

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

IEC 61196-1-111 Ed. 2.0 en:2014, Coaxial communication cables - Part 1-111: Electrical test methods - Stability of phase test methods, $157.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 62196-1 Ed. 3.0 b:2014, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, $351.00

IEC 62196-3 Ed. 1.0 b:2014, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility and interchangeability requirements for d. c. and a.c./d.c. pin and contact-tube vehicle couplers, $254.00

IEC 61534-21 Ed. 2.0 b:2014, Powertrack systems - Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting, $55.00

IEC 61534-22 Ed. 2.0 b:2014, Powertrack systems - Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation, $157.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-1-12 Ed. 1.0 b:2014, Medical electrical equipment - Part 1 -12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment, $303.00

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

IEC 62053-24 Ed. 1.0 b:2014, Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1S and 1), $206.00

FIBRE OPTICS (TC 86)

IEC 62572-3 Ed. 2.0 b:2014, Fibre optic active components and devices - Reliability standards - Part 3: Laser modules used for telecommunication, $121.00

IEC 61300-2-43 Ed. 2.0 b:2014, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-43: Tests - Screen testing of return loss of single-mode PC optical fibre connectors, $61.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61158-4-1 Ed. 1.0 b:2007, Industrial communication networks - Fieldbus specifications - Part 4-1: Data-link layer protocol specification - Type 1 elements, $411.00

IEC 61158-5-5 Ed. 1.0 b:2007, Industrial communication networks - Fieldbus specifications - Part 5-5: Application layer service definition - Type 5 elements, $411.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60598-2-22 Ed. 4.0 b:2014, Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting, $230.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 60860 Ed. 2.0 b:2014, Radiation protection instrumentation - Warning equipment for criticality accidents, $97.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62047-21 Ed. 1.0 b:2014, Semiconductor devices - Micro-electromechanical devices - Part 21: Test method for Poisson's ratio of thin film MEMS materials, $61.00

IEC 62047-22 Ed. 1.0 b:2014, Semiconductor devices - Micro-electromechanical devices - Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates, $48.00

IEC Technical Reports

FIBRE OPTICS (TC 86)

IEC/TR 62690 Ed. 1.0 en:2014, Hydrogen effects in optical fibre cables - Guidelines, $43.00

IEC/TR 62343-6-5 Ed. 2.0 en:2014, Dynamic modules - Part 6-5: Design guide - Investigation of operating mechanical shock and vibration tests for dynamic modules, $182.00

IEC Technical Specifications

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC/TS 61496-4-2 Ed. 1.0 b:2014, Safety of machinery - Electro-sensitive protective equipment - Part 4-2: Particular requirements for equipment using vision based protective devices (VBPD) - Additional requirements when using reference pattern techniques (VBPDPP), $278.00

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 reply 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

Approval of Reaccreditation

Dimensional Metrology Standards Consortium, Inc.

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Dimensional Metrology Standards Consortium, Inc., an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on DMSC-sponsored American National Standards, effective June 20, 2014. For additional information, please contact: Mr. Bailey H. Squier, Executive Director, General Manager, Dimensional Metrology Standards Consortium, Inc., 1350 SW Alsbury Boulevard, #514, Burleson, TX 76028-9219; phone: 817.461.1092; e-mail: bsquier@dmis.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation to ISO/IEC 17065 – IFS PACsecure

SAI Global Certification Services Pty, Ltd.

Comment Deadline: July 28, 2014

Mr. Guillaume Gignac
Vice-President, Corporate Operations, Accreditation and Quality
SAI Global Certification Services Pty Ltd
20 Carlson Court, Suite 100
Toronto, Ontario M9W 7K6, Canada
Phone: 416-401-8700
Toll-Free: 800-465-3717
Fax: 416-401-8650
E-mail: Guillaume.Gignac@qmi-saiglobal.com
Web: www.sai-global.com

On June 26, 2014, SAI Global Certification Services Pty Ltd was approved for ANSI Initial Accreditation to ISO/IEC 17065 for the following scope:

IFS PACsecure

Please send your comments by July 28, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293 9287 or e-mail: njackson@ansi.org.

Scope Extension

Curtis-Straus, LLC

Comment Deadline: July 28, 2014

Mr. Tadas Stukas - Quality & HSE Manager
Curtis-Straus, LLC
One Distribution Center Circle, Suite #1
Littleton, MA 01460
Phone: 978-486-8880
Fax: 978-486-8828
E-mail: tadas.stukas@us.bureauveritas.com
Web: www.curtis-straus.com

Curtis-Straus, LLC, an ANSI-accredited certification body, has requested a scope extension to include the following:

B. Japan MIC Radio Law

B1. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law

Please send your comments by July 28, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Creation of a new ISO Technical committee on Security (as of 2015-01-01)

– Call for offers to host the secretariat

– Call for participation (P- and O-Members)

ISO/TC 223 – Societal security

ISO/TC 247 – Fraud countermeasures and controls

ISO/PC 284 – Management system for quality of private security company (PSC) operations – Requirements with guidance into a new ISO Technical Committee on security

Comment Deadline: July 4, 2014

The ISO Technical Management Board (TMB) has taken the decision to restructure the security sector within ISO consolidating the work of three currently existing ISO Technical Committees: ISO/TC 223 - Societal security, ISO/TC 247 - Fraud countermeasures and controls, and ISO/PC 284 - Management system for quality of private security company (PSC) operations - Requirements with guidance into a new ISO Technical Committee on security. The official starting date for the work of this TC will be 2015-01-01, at which date the three committees will be disbanded and their work incorporated into this new structure.

ISO/TC 292 - SECURITY

Scope:

Standardization in the field of security, including but not limited to general security management, business continuity management, resilience and emergency management, fraud countermeasures and controls, security services, homeland security.

Excluded: Sector specific security projects developed in other relevant ISO committees and standards developed in ISO/TC 262 and ISO/PC 278.

Organizations interested in serving as the Secretariat or US/TAG administrator, or if you are interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org by Friday, July 4, 2014.

Establishment of a Technical Committee

ISO/TC 291 – Domestic Gas Cooking Appliances

Following approval by the ISO member bodies, the Technical Management Board (TMB) has established the above new Technical Committee. This is on a provisional basis until the committee agrees its title and scope. The committee is now also allowed 18 months during which the members will need to establish a preliminary work program and structure, and develop a draft business plan.

The new Technical Committee will have the following provisional title and scope:

Title: Domestic gas cooking appliances

Scope: Standardization in the field of Domestic Gas Cooking Appliances, considering a whole appliance: terminology, classification, constructional and performance characteristics, test methods and marking. Excluded from this scope are cookstoves covered by the standards being developed in ISO/TC 285.

The secretariat has been assigned to Germany (DIN)

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

U.S. Technical Advisory Groups

Approvals of TAG Accreditations

U.S. TAG to ISO/PC 272 – Forensic Sciences

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO/PC 272 – Forensic Sciences under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) and with ANSI (with technical and financial support from the American Society of Crime Laboratory Directors (ASCLD) serving as TAG Administrator, effective June 20, 2014. For additional information, please contact: Mr. Jason Knopes, Sr. Manager, ISO Outreach and Enhanced Services, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 646.460.7897; e-mail: jknopes@ansi.org.

U.S. TAG to ISO/PC 278 – Anti-Bribery Management Systems

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO/PC 278 – Anti-Bribery Management Systems under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) and with ANSI (with technical and financial support from Microsoft) serving as TAG Administrator, effective June 20, 2014. For additional information, please contact: Mr. Jason Knopes, Sr. Manager, ISO Outreach and Enhanced Services, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 646.460.7897; e-mail: jknopes@ansi.org.

U.S. Submissions to JTC 1 for Fast-Track Processing

Comment deadline: July 27, 2014

INCITS, the U.S. TAG to JTC 1, announces the proposed U.S. submission to JTC 1 for Fast-Track processing of Software Engineering-Guide to the Software Engineering Body of Knowledge (SWEBOK) Version 3.0 and the accompanying explanatory report.

At this time, INCITS, the U.S. TAG to JTC 1, is soliciting comments from the U.S. community on the appropriateness of the submission of this specification for Fast-Track processing into JTC 1. The scope of this project is:

The Guide to the Software Engineering Body of Knowledge (SWEBOK Guide) was established with the following five objectives:

1. To promote a consistent view of software engineering worldwide
2. To specify the scope of, and clarify the place of software engineering with respect to other disciplines such as computer science, project management, computer engineering, and mathematics
3. To characterize the contents of the software engineering discipline
4. To provide a topical access to the Software Engineering Body of Knowledge
5. To provide a foundation for curriculum development and for individual certification and licensing material.

More information regarding the development process can be found on the website (www.swebok.org).

Please send all comments to INCITS Secretariat (comments@itic.org) no later than July 27, 2014.

To obtain a copy of the specification and explanatory report, please contact the INCITS Secretariat.

Meeting Notice

Development of AHRI Standard 1310P, Wind Load Design of HVACR Equipment for Unit Integrity

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 18, 2014, from 10 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

American National Standard

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. This American National Standard is intended as a guide to aid the service provider, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone whether approving the Standard or not, from using processes not conforming to the Standard. American National Standards are subject to periodic review and users are cautioned to obtain the latest editions.

CAUTION NOTICE: This American National Standard is permitted to be revised or withdrawn at any time. The procedures of the American National Standards Institute require that an action be taken to reaffirm, revise, or withdraw this Standard no later than five years from the date of publication. Purchasers of American National Standards receive current information on all Standards by calling or writing the American National Standards Institute.

Published by:
AMC Institute

Recent revision February 2012

Printed in the USA

This AMC Standard was developed by AMC Institute. The American National Standards Institute (ANSI) recognized AMC Institute as the AMC Standard Developer on March 28, 2000. ANSI approved the AMC Institute AMC Standard in April 2002 and re-approved the revised AMC Institute AMC Standard in May 2008.

Foreword

(This Foreword is not a Part of ANSI/AMCI A100.1-2002)

Members of AMC Institute have developed a Standard of Good Practices for the Association Management Company industry. The purpose of this Standard is two-fold: (1) to collectively enhance management practices across Association Management Companies (AMCs) and (2) to assist AMCs in the establishment of internal quality service systems.

AMCs that conform to the Standard communicate to present and prospective association clients, as well as the marketplace at large, a commitment and ability to deliver the highest quality of services to clients as demonstrated in their performance, policies and procedures.

Further, AMC Institute offers an AMC Accreditation Program closely linked to this Standard. AMCs that can demonstrate the adoption and good use of internal quality service systems, from policy statements to clearly outlined performance requirements and procedures, are eligible to apply for AMC Institute Accreditation.

AMC Institute will take into consideration the request for appropriate revisions to this Standard. Requested changes will be vetted through the AMC Institute Standard Advisory Task Force and through a public review process as per AMC Institute's Standard Procedures and ANSI's Essential Requirement Procedures. AMC Institute's Standard Advisory Task Force will also review any requests for interpretations or appeals related to the Standard.

The first two sections (Scope and Definitions) are meant as background information to serve as a guide for sections 3 through 13.

1. Scope

1.1 This Standard establishes requirements that provide a measurement for practices that are utilized by all sizes and types of Association Management Companies (AMCs) in order to enhance the performance of the AMC and its staff.

1.2 This Standard establishes requirements that each individual AMC is permitted to use to create its own measurables. An AMC's compliance with this Standard will depend on its adoption and implementation of its own definitions, procedures, and policies as they relate to each element in this Standard.

2. Definitions

2.1 Association Management Company (AMC): A for-profit professional service company that manages two or more associations, societies, foundations, or other types of organizations.

2.2 Client Team: Employees of an AMC who work together with a particular client or clients.

2.3 Performance Policy Statement: A compilation of documents adopted by an AMC containing the procedures it has in place, which will cause it to be in conformance with this Standard.

2.4 Performance Service Systems are internal processes (described in sections 3 through 12 of this document) that must be developed, documented, and ~~operational~~ implemented by an AMC. When these systems are in place, an AMC:

2.4.1 Ensures that a client's needs are identified and the services to be provided by the AMC are agreed upon by the AMC and the client;

2.4.2 Requires regular feedback from clients;

2.4.3 Provides ~~for understanding and~~ a prompt response to clients' needs and requests;

2.4.4 ~~Supports~~ Establishes a staff personnel training and development program;

2.4.5 Fosters an organizational culture embracing professional performance attributes; and

2.4.6 Controls costs, improves efficiency, and promotes prompt performance of quality services to the client.

3. Client Contracts: Review Procedures and Requirements

3.1 AMCs shall maintain written agreements with their clients. ~~whenever feasible:~~

3.2 AMCs shall adopt client contract review procedures, which shall ensure that all contractual requirements are acceptable to the client and the AMC before the AMC agrees to provide services to the client. This includes written service commitments ensuring that service and service delivery processes meet the client's needs and expectations.

3.3 AMCs shall adopt and document internal procedures to coordinate the periodic review of client contracts and their amendments.

3.4 AMCs shall adopt procedures specifying how client contracts are amended and ensuring that changes in the contract are communicated through the AMC organization.

3.5 AMCs shall establish transition procedures that at a minimum include the following:

3.5.1 A Time Table to include the closing or transferring of all accounts, shipment of client materials, in an organized manner, with clearly marked files and notification to members.

3.5.2 A list of clearly defined responsibilities for ~~of~~ current management ~~AMC~~, volunteer leaders and new management.

3.5.3 Disclosed ~~Established procedures as well as~~ fees and charges for agreed upon services that may be rendered during the transition and following termination.

~~3.5.4 A process and timeline for the shipment of materials in an organized manner, with clearly marked files.~~

3.5.5 The methodology to be used for timely notification to all vendors of management change.

3.5.6 An outside independent CPA shall conduct an independent verification (audit or agreed upon procedure engagement) immediately prior to or immediately after the transfer of financial responsibilities; or if no audit or asset and liability verification is authorized by the Board, a written release that they will accept financial records as transferred will be obtained.

~~Either immediately prior to, or immediately after the transfer of financial responsibilities to new management, there should be an agreed upon procedures engagement, or similar engagement, with an outside CPA to verify the value and~~

~~existence of the assets, and liabilities transfer to the new management. If no procedures are authorized, a release in writing from the client Board that they will accept the financial records as transferred.~~

~~An outside audit by a CPA of the financial records immediately after the transfer of financial responsibilities; or, if no audit is authorized, a release in writing from the client Board that they will accept the financial records as transferred.~~

3.6 AMCs shall address in their contracts the respective intellectual property rights (e.g. copyright, trademark, patents) of the client and the AMC, including ~~with respect to~~:

3.6.1 Materials and software systems developed and customized ~~specially~~ specifically for the client.

3.6.2 ~~Pre-existing~~ mMaterials and software systems of the AMC adapted for use with the client.

4. Servicing the Clients and Service Delivery Procedures

4.1 AMCs shall establish service policies and service delivery systems that include the following characteristics.

4.1.1 Quantity and types of services to be provided;

4.1.2 Competence and knowledge of staff servicing the client;

4.1.3 Service accessibility and availability;

4.1.4 Service speed and accuracy;

4.1.5 Ability to increase and expand services for the client with appropriate staff;

4.1.6 ~~Ensure~~ Assurance that the client is the focal point of the policy;

4.1.7 ~~Emphasize~~ Emphasis on the importance of customer satisfaction;

4.1.8 ~~Provide~~ Provision of an internal communication policy that emphasizes performance of service;

4.1.9 ~~Measure the performance~~ Performance measurement of the service and service delivery processes against established objectives;

4.1.10 ~~Establish~~ ~~m~~Methods to improve performance.

4.2 AMCs shall establish responsibilities owed to the client and assign authority to staff for implementation.

4.3 AMCs shall establish a system of internal communication including, as appropriate, briefings, meetings, memos, email, reports, and telephone conversations with staff on the client team.

4.4 AMCs shall establish a system of communication with clients including staff communication and interaction, reaction to client expectations and comments, and information about the AMC and the services being provided.

4.5 AMCs shall establish procedures to correct or prevent failures to perform as they are identified by the client or the AMC.

4.6 AMCs shall establish policies and procedures for advising ~~and assisting~~ existing clients in the protection of their intellectual property (e.g. copyright, trademark, patents). ~~including at a minimum:~~

~~4.6.1 Guidelines for identifying and managing key intellectual property assets;~~

~~4.6.2 Methods for securing ownership transfer or licensing commitments from members participating in the preparation of client association offerings, as well as from authors, presenters, and other persons; and~~

~~4.6.3 Guidance and assistance regarding the advisability of federal trademark and copyright registration.~~

4.7 AMCs shall evaluate and develop and internal policy and client policies for external communications, including but not limited to press releases, newsletters, social media, etc.

5. ~~Project (Service) Completion, Reviews, and Post Contractual Procedures~~ Evaluation of Services

5.1 AMCs shall adopt methods for clients to use to evaluate the performance of AMC services, including methods for measuring client satisfaction, to be conducted at least annually.

5.2 AMCs shall adopt an internal measuring system that evaluates service performance. ~~and provides a basis for identifying areas where performance needs improvement, continuation of discontinuation.~~

6. Financial Management and Internal Controls

6.1 AMCs shall establish procedures that ensure that the most recent year-end financial statements for each client present fairly, in all material respects, the financial position and changes in net assets, and that cash flows at year-end are in conformity with generally accepted accounting

principles (GAAP) ~~or other comprehensive basis of accounting (OCBOA)~~ as determined by the American Institute of Certified Public Accountants or corresponding organization for internationally based AMCs, unless otherwise authorized in writing by the client.

6.2 AMCs shall establish procedures that ensure financial control and reporting systems, which conform to generally accepted accounting principles (GAAP) ~~or other comprehensive basis of accounting (OCBOA)~~, are in place and utilized as appropriate, unless otherwise authorized in writing by the client.

6.3 AMCs shall adopt a written policy that prohibits co-mingling of any and all client assets with AMC or any other client assets.

6.4 AMCs shall adopt written policies and procedures to protect the privacy and integrity of client's proceedings, records, and data.

6.5 AMCs shall adopt policies to ensure disclosure to clients of all income received from commissions, finders' fees, and other sources directly attributable or related to such clients.

6.6 AMCs shall propose to Client Boards the need for an outside independent review or audit of all financial transactions and records by a qualified third party (CPA or non-US equivalent). The recommendation shall ~~should~~ be made in writing. ~~If the Board approves the audit, it will be paid for by the Client.~~

6.7 AMCs shall propose to Client Boards the need for General Liability and Association Professional Liability Insurance (APLI) Policies; if declined, this fact shall be recorded in writing. ~~a release in writing from the client Board indicating that they declined to pay for this insurance coverage shall be executed.~~

~~6.8 AMCs should perform due diligence relative to PCI compliance related to the scope and scale of their business and that of their clients.~~

7. Insurance Coverage

7.1 AMCs shall have in place a comprehensive insurance program that provides the following minimum coverage where such coverage is available in the legal jurisdiction ~~state or country~~ where the AMC has its headquarters.

		Minimum Amount or Recommendation for AMC to determine amount based on the suggested criteria.
7.1.1	Commercial General Liability	$1,000,000
7.1.2	Property (including property in transit)	Full value of property
7.1.3	Valuable Papers	Full value to reconstruct
7.1.4	Employee Dishonesty	For both AMC and client property and funds
7.1.5	Money and Securities	For both the AMC and client funds, maximum amount of cash on hand, including convention receipts
7.1.6	Computer Equipment and Data	Full value of equipment and reconstruction of data
7.1.7	Non-Owned and Hired Auto Liability	$1,000,000
7.1.8	Worker's Compensation	Minimum amount based on each state's regulations
7.1.9	Errors and Omissions	$1,000,000

8. Employee Recruitment and Selection

8.1 AMCs shall adopt a procedure for creating, reviewing, and updating employee job descriptions. ~~and shall adopt procedures for interviewing and assessing candidates for positions within the AMC.~~

8.2 AMCs shall adopt procedures for interviewing and assessing candidates for positions within the AMC. ~~AMCs shall adopt a procedure for exit interviews and personal assessments from departing employees.~~

8.3 AMCs shall adopt a procedure for exit interviews with departing employees.

9. Employee Training and Professional Development Procedures

9.1 AMCs shall adopt an evaluation procedure for all employees covering competencies, performance assessment, and professional development.

9.2 AMCs shall provide periodic internal and/or external training and/or external professional development to ensure functions of association management are completed professionally using up-to-date best practices. These functions include but are not limited to:

9.2.1 Process monitoring and control;
9.2.2 Data collection and analysis;
9.2.3 Performance improvement and corrective action;
9.2.4 Teamwork, interaction, and communications;
9.2.5 Financial management; meetings management; membership development; marketing; non-profit legal issues; and other functions basic to association management and services.

10. Subcontracting and Purchasing Requirements

10.1 AMCs shall adopt procedures to ensure that due diligence is exercised when purchasing products or services for clients and that they meet all service requirements.
10.2 AMCs shall adopt procedures to ensure that due diligence is exercised when preparing purchase or service orders and bid/quote documents for clients.
10.3 AMCs shall adopt procedures that permit the AMC or clients to verify acceptability of products or services purchased.
10.4 AMCs shall adopt procedures for evaluating the hiring of subcontractors, including the following:
10.4.1 The subcontractor's service procedures and facilities;
10.4.2 Samples of the subcontractor's products or services;
10.4.3 Customer reference, if available.
10.5 AMCs shall adopt procedures to track and record the ~~identity and~~ use of products and services provided by subcontractors and used by the AMC to service clients.
10.6 AMCs shall disclose conflicts of interest~~s~~ when contracting or making a purchase for the benefit of the client from related entities (e.g. partnerships, subsidiaries, family members, etc.).

11. Record Keeping Requirements/Continuity of Operations

11.1 AMCs shall adopt a records retention policy that identifies and defines the information and records that are to be retained (electronic and hard copy). ~~and identifies what property, files, data, and materials are the property of the client.~~
11.2 AMCs shall adopt procedures to maintain and control a record-keeping system to:
11.2.1 Collect and record information (create records);
11.2.2 File, index, store, and maintain records;
11.2.3 Remove, archive, or destroy old records on a predetermined time basis;
11.2.4 Prevent records from being altered without approval of a designated authority;
11.2.5 Safeguard records from damage or deterioration;
11.2.6 Protect records from unauthorized access.
11.3 AMC's shall adopt a business continuity plan that will include at a minimum.
11.3.1 Procedures for the management of electronic back-up of software and electronic records;
11.3.2 Communications to inform staff, members, vendors, etc. about the recovery plan
11.3.3 Building evacuation plan;
11.3.4 Options for temporary facility in the event current office(s) is (are) not available.

12. Internal Quality Control ~~Audit Procedural~~ Requirements

12.1 AMCs shall adopt a schedule of ~~periodic ongoing~~ internal audit ~~audit~~ quality control verification procedures to:
12.1.1 Determine whether performance complies with the AMCs written plans, procedures, and programs;
12.1.2 ~~Verifies~~ Validate the effectiveness of the AMCs corrective actions.
12.1.3 ~~Audit~~ Confirm activities are appropriately planned;
12.1.4 Ensure internal ~~auditors~~ reviewers are independent of the procedures and people being ~~audited~~ reviewed and external auditors are recognized independent entities;
12.1.5 Demonstrate ~~Audit~~ quality control results, corrective actions, and corrective action results and consequences are appropriately recorded;
12.1.6 ~~Audit~~ Verify quality control conclusions are discussed with the people whose activities and results are being ~~audited~~ reviewed, and deficiencies are corrected;
12.1.7 Affirm copies of the ~~audit~~ quality control reports are kept on file for future reference in accordance with the records retention policy, but for not less than four years.

CMP_DHW PD-02

BSR/RESNET Addendum 'a' to ANSI/RESNET 301-2014
Continuous Maintenance Proposal (CMP) on Domestic Hot Water (DHW) Systems

Add new definitions to Section 3.2

Approved Hot Water Operational Control Device – A means of controlling the waste hot water in residences that is approved for use based on empirical test data and where the control effectiveness of the device is clearly labeled in terms of its overall reduction of operational waste hot water.

Drain Water Heat Recovery (DWHR) – A heat exchanger unit that uses outgoing warm drain water to pre-heat incoming cold freshwater, is rated for efficiency and pressure loss according to CSA B55.1, and complies with CSA B55.2.

T_{mains} – The temperature of the potable water supply entering the residence.

Add new Normative References to Section 6

CSA B55.1-12, (2012). "Test method for measuring efficiency and pressure loss of drain water heat recovery units." CSA Group, Mississauga, Ontario, Canada L4W 5N6.

CSA B55.2-12, (2012). "Drain water heat recovery units." CSA Group, Mississauga, Ontario, Canada L4W 5N6.

Revise Table 4.2.2(1) as follows:

Table 4.2.2(1) Specification for the HERS Reference and Rated Homes

Building Component	HERS Reference Home	Rated Home
Service water heating systems [(i), (n), (p)]	Fuel type: same as Rated Home Efficiency	Same as Rated Home [(n)]
	Electric: EF = 0.97 - (0.00132 * store gal)	Same as Rated Home
	Fossil fuel: EF = 0.67 - (0.0019 * store gal)	Same as Rated Home
	Use (gal/day): ~~$30*N_{du} + 10*N_{br}$)~~ ~~where: N_{du} = number of dwelling units~~ determined in accordance with Section 4.2.2.5.1.4	~~Same as HERS Reference Home~~ Determined in accordance with Section 4.2.2.5.2.11
	Tank temperature: ~~120~~ 125 F	Same as HERS Reference Home

Add new section 4.2.2.5.1.4 and renumber following sections and equations as necessary

4.2.2.5.1.4 Service Hot Water Use. Service hot water system use in gallons per day for the HERS Reference Home shall be determined in accordance with Equation 4.2-2

$$HWgpd = (refDWgpd+refCWgpd+F_{mix}*(refFgpd + refWgpd))*Ndu \qquad \text{Eq. 4.2-2}$$

where:

HWgpd = gallons per day of hot water use

refDWgpd = reference dishwasher gallons per day = ((88.4+34.9*Nbr)*8.16)/365

refCWgpd = reference clothes washer gallons per day = (4.52*(164+45.6*Nbr))*((3*2.08+1.59)/(2.874*2.08+1.59))/365

where

CAPw = clothes washer capacity in cubic feet

$F_{mix} = 1 - ((T_{set} – T_{use})/ (T_{set} – T_{mains}))$

Where5

T_{set} = Water heater set point temperature = 125 F
T_{use} = Temperature of mixed water at fixtures = 105 F
$T_{mains} = (T_{amb,avg} + offset) + ratio * (\Delta T_{amb,max} / 2) * \sin(0.986 * (day\# - 15 - lag) - 90)$
where
T_{mains} = temperature of potable water supply entering residence (°F)
$T_{amb,avg}$ = annual average ambient air temperature (°F)
$\Delta T_{amb,max}$ = maximum difference between monthly average ambient temperatures (e.g., $T_{amb,avg,july} - T_{amb,avg,january}$) (°F)
0.986 = degrees/day (360/365)
day# = Julian day of the year (1-365)
offset = 6°F
ratio = $0.4 + 0.01 (T_{amb,avg} - 44)$
lag = $35 - 1.0 (T_{amb,avg} - 44)$

refFgpd = 16.5 + 9.24*Nbr = reference climate-normalized daily fixture water use in Reference Home (in gallons per day)

refWgpd = $10*Nbr^{0.4}$ = reference climate-normalized daily hot water waste due to distribution system losses in Reference Home (in gallons per day)

where
Nbr = number of bedrooms in each dwelling unit
Ndu = number of dwelling units

Add new section 4.2.2.5.2.11 and renumber following section and equations as necessary

4.2.2.5.2.11 Service Hot Water Use. Service hot water system use in gallons per day for the Rated Home shall be determined in accordance with Equation 4.2-11

$$HWgpd = (DWgpd + CWgpd + F_{eff} * adjF_{mix} * (refFgpd + oWgpd + sWgpd * WD_{eff})) * Ndu \quad \text{Eq. 4.2-11}$$

where:
HWgpd = gallons per day of hot water use in Rated home
DWgpd = dishwasher gallons per day (see Section 4.2.2.5.2.9) = ((88.4+34.9*Nbr)*12/dWcap*(4.6415*(1/EF)-1.9295))/365
CWgpd = clothes washer gallons per day (see Section 4.2.2.5.2.10) = 60*((LER*($/kWh)-AGC)/(21.9825*($/kWh)-($/therm))/392)*ACY/365
F_{eff} = fixture effectiveness in accordance with Table 4.2.2.5.2.11(1)

Table 4.2.2.5.2.11(1) Hot water fixture effectiveness

Plumbing Fixture Description	F_{eff}
Standard-flow: showers ≤2.5 gpm and faucets ≤2.2 gpm	1.00
Low-flow: all showers and faucets ≤2.0 gpm	0.95

$adjF_{mix} = 1 - ((T_{set} - T_{use})/ (T_{set} - WH_{in}T))$
where
T_{set} = 125 °F = water heater set point temperature
T_{use} = 105 °F = temperature of mixed water at fixtures
$WH_{in}T$ = water heater inlet temperature
where
$WH_{in}T = T_{mains} + WH_{in}T_{adj}$ for DWHR systems and where $WH_{in}T_{adj}$ is calculated in accordance with equation 4.1-14
$WH_{in}T = T_{mains}$ for all other hot water systems
T_{mains} = temperature of potable water supply entering the residence calculated in accordance with Section 4.2.2.5.1.4

refFgdp = reference climate-normalized daily fixture water use calculated in accordance with Section 4.2.2.5.1.4

oWgpd = refWgpd * oFrac * (1-oCD$_{eff}$) Eq. 4.2-12

where

oWgdp = daily standard operating condition waste hot water quantity

oFrac = 0.25 = fraction of hot water waste from standard operating conditions

oCD$_{eff}$ = Approved Hot Water Operating Condition Control Device effectiveness (default = 0.0)

sWgpd = (refWgpd – refWgpd * bFrac) * pRatio * sysFactor Eq. 4.2-13

where

sWgpd = daily structural waste hot water quantity

refWgpd = reference climate-normalized distribution system waste water use calculated in accordance with Section 4.2.2.5.1.4

pRatio = hot water piping ratio

where

for Standard systems:

pRatio = PipeL / refPipeL

where

PipeL = measured length of hot water piping from the hot water heater to the farthest hot water fixture, measured longitudinally from plans, assuming the hot water piping does not run diagonally, plus 10 feet of piping for each floor level, plus 5 feet of piping for unconditioned basements (if any)

refPipeL = $2*(CFA/Nfl)^{0.5} + 10*Nfl + 5*Bsmt$ = hot water piping length for Reference Home

where

CFA = conditioned floor area

Nfl = number of conditioned floor levels in the residence, including conditioned basements

Bsmt = presence =1.0 or absence = 0.0 of an unconditioned basement in the residence

for recirculation systems:

pRatio = BranchL /10

where

BranchL = measured length of the branch hot water piping from the recirculation loop to the farthest hot water fixture from the recirculation loop, measured longitudinally from plans, assuming the branch hot water piping does not run diagonally, plus 10 feet of piping for each floor level, plus 5 feet of piping for unconditioned basements (if any)

sysFactor = hot water distribution system factor from Table 4.2.2.5.2.11(2)

Table 4.2.2.5.2.11(2) Hot Water Distribution System Insulation Factors

Distribution System Description	**sysFactor**	
	No pipe insulation	≥R-3 pipe insulation
Standard systems	1.00	0.90
Recirculation systems	1.11	1.00

WD$_{eff}$ = distribution system water use effectiveness from Table 4.2.2.5.2.11(3)

Table 4.2.2.5.2.11(3) Distribution system water use effectiveness

Distribution System Description	WD_{eff}
Standard systems	1.00
Recirculation systems	0.10

Ndu = number of dwelling units

4.2.2.5.2.11.1 Drain Water Heat Recovery (DWHR) Units

If DWHR unit(s) is (are) installed in the Rated Home, the water heater potable water supply temperature adjustment ($WH_{in}T_{adj}$) shall be calculated in accordance with Equation 4.2-14.

$$WH_{in}T_{adj} = Ifrac*(DWHR_{in}T - T_{mains})*DWHR_{eff}*PLC*LocF*FixF \quad \text{Eq. 4.2-14}$$

where

$WH_{in}T_{adj}$ = adjustment to water heater potable supply inlet temperature (°F)

Ifrac = $0.56 + 0.013*Nbr - 0.0004*Nbr^2$ = fraction of hot water use impacted by DWHR

$DWHR_{in}T$ = 97 °F

T_{mains} = calculated in accordance with Section 4.2.2.5.1.4

$DWHR_{eff}$ = Drain Water Heat Recovery Unit efficiency as rated and labeled in accordance with CSA 55.1

where

$DWHR_{eff}$ = $DWHR_{eff}$ *1.082 if low-flow fixtures are installed in accordance with Table 4.2.2.5.2.11(1)

PLC = 1 - 0.0002*pLength = piping loss coefficient

where

for standard systems:

pLength = pipeL as measured accordance with Section 4.1.1.5.2.11

for recirculation systems:

pLength = branchL as measured in accordance with Section 4.2.2.5.2.11

LocF = a performance factor based on the installation location of the DWHR determined from Table 4.2.2.5.2.11(4)

Table 4.2.2.5.2.11(4) Location factors for DWHR placement

DRHR Placement	LocF
Supplies pre-heated water to both the fixture cold water piping and the hot water heater potable supply piping	1.000
Supplies pre-heated water to only the hot water heater potable supply piping	0.777
Supplies pre-heated water to only the fixture cold water piping	0.777

FixF = Fixture Factor

where

FixF = 1.0 if all of the showers in the home are connected to DWHR units

FixF = 0.5 if there are 2 or more showers in the home and only 1 shower is connected to a DWHR unit.

4.2.2.5.2.11.2 Hot Water System Annual Energy Consumption

Service hot water energy consumption shall be calculated using Approved Software Tools and the provisions of Section 4.2.2.5.1.4, Section 4.2.2.5.2.11 and Section 4.2.2.5.2.11.1 shall be followed to determine appropriate inputs to the calculations.

If the Rated Home includes a hot water recirculation system, the annual electric consumption of the recirculation pump shall be added to the total hot water energy consumption. The recirculation pump kWh/y shall be calculated using Equation 4.2-15

pumpkWh/y = pumpW * Efact **Eq. 4.2-15**

where:

pumpW = pump power in watts (default pumpW = 50 watts)

Efact = factor selected from Table 4.2.2.5.2.11(5)

Table 4.2.2.5.2.11(5) Annual electricity consumption factor for hot water recirculation system pumps

Recirculation System Description	Efact
Recirculation without control or with timer control	8.76
Recirculation with temperature control	1.50
Recirculation with demand control (motion sensor)	0.46
Recirculation with demand control (manual)	0.16

Results from standard hot water energy consumption calculations considering only tested Energy Factor data ($stdEC_{HW}$) shall be adjusted to account for the energy delivery effectiveness of the hot water distribution system in accordance with equation 4.2-16.

$EC_{HW} = stdEC_{HW} * (E_{waste} + 128) / 160$ **Eq. 4.2-16**

where E_{waste} is calculated in accordance with equation 4.2-17.

$E_{waste} = oEW_{fact} * (1-oCD_{eff}) + sEW_{fact} * pEratio$ **Eq. 4.1-17**

where

$oEW_{fact} = EW_{fact} * oFrac$ = standard operating condition portion of hot water energy waste

where

EW_{fact} = energy waste factor in accordance with Table 4.2.2.5.2.11(6)

oCD_{eff} is in accordance with Section 4.2.2.5.2.11.1

$sEW_{fact} = EW_{fact} – bEW_{fact}$ = structural portion of hot water energy waste

pEratio = piping length energy ratio

where

for standard system: pEratio = PipeL / refpipeL

for recirculation systems: pEratio = LoopL / refLoopL

and where

LoopL = hot water recirculation loop piping length including both supply and return sides of the loop, measured longitudinally from plans, assuming the hot water piping does not run diagonally, plus 10 feet of piping for each floor level plus 5 feet of piping for unconditioned basements.

refLoopL = refPipeL * 2.0

Table 4.2.2.5.2.11(6) Hot water distribution system relative annual energy waste factors

Distribution System Description	EW_{fact}	
	No pipe insulation	≥R-3 pipe insulation
Standard systems	32.0	28.8
Recirculation without control or with timer control	467.2	233.6
Recirculation with temperature control	78.4	39.2
Recirculation with demand control (motion sensor)	14.4	7.2
Recirculation with demand control (manual)	4.8	2.4

BSR/UL 842, Standard for Safety for Valves for Flammable Fluids

1. Revision to the Deformation Test

12.2 The sample valve used in this test is to be rigidly anchored or otherwise supported. A length of Schedule 80 pipe, sufficient to provide for wrench engagement, is to be connected to a female pipe threaded section of the body., the The male threads ~~having first been lubricated with SAE No. 10 machine oil~~ shall have pipe joint sealing compound or teflon tape applied to them first or be coated as specified by the manufacturer. Each pipe is then to be tightened across the valve body to the torque specified by the manufacturer or in Table 12.1, whichever is greater.

12.3.1 ~~If external leakage is noted at the thread joint between the pipe and body, the joint is to be remade using a pipe joint sealing material and retested to the External Leakage Test, Section 13.~~

2. Revision to the Endurance Test and Addition of Endurance Test – Mechanical Line Leak Detectors

21.1 A manually operated valve shall perform in its intended manner when tested as described in 21.3 - 21.15. There shall be no external leakage, no sticking of the valve, nor shall the valve become inoperative. Required corrosion protection shall not be impaired.

Exception: Flow Limiters and Emergency Shutoff Valves are not subjected to an endurance test.

21.2 A manual-operated valve shall perform in its intended manner when tested as described in 21.3 - 21.15. All other valves having automatic features shall perform as intended for at least 100,000 cycles of operation when handling the fluid for which the valve is intended ~~at the rated temperature with rated pressure on the valve seat~~. There shall be no external leakage, no sticking of the valve, nor shall the valve become inoperative. Required corrosion protection shall not be impaired.

21.3 The valve is to be operated for 6,000 cycles while handling the fluid indicated in 21.9 ~~for which the valve is intended at the rated temperature~~ and with rated pressure on the valve seat.

21.6 An endurance test is to be conducted ~~in a manner which subjects the discharge side of a valve to the pressures and flow of fluid and other conditions to be anticipated in service. A shutoff valve intended for use in a line where other shutoff devices are capable of being used beyond its location is to be tested~~ with the valve outlet plugged. For anti-siphon valves and pressure actuators the endurance test is to be conducted in a manner which subjects the discharge side of a valve to the pressures and flow of fluid anticipated in service.

21.9 The fluid to be handled by a valve during an endurance test is to be:

a) Air or nitrogen for valves for gases;

b) Kerosene or Soltrol 170 for valves for gasoline and similar liquids;

c) No. 1 fuel oil for valves for fuel oil not heavier than No. 2;

d) No. 4 fuel oil for valves for Nos. 4 and 5 fuel oils; and

e) No. 6 fuel oil for valves for No. 6 fuel oil.

21.10 When a valve is intended to handle fluids at a temperature greater than 125°F (52°C) ~~room temperature~~, the test fluid is to be maintained at the maximum stipulated temperature during the endurance test. However, the test temperature is not to exceed the flash point of the test fluid.

21.11 When a valve is rated for use in an ambient temperature ~~other~~ greater than ~~25°C (77°F)~~ 125°F (52°C), the test assembly is to be placed in an enclosure in which the stipulated ambient temperature is maintained during the test.

21A Endurance Test – Mechanical Line Leak Detectors

21A.1 A sample of a mechanical line leak detector shall comply with the requirements for external leakage specified in Section 13 after being subjected to the test described in 21A.2.

21A.2 The sample is to be connected and mounted as in intended use. The sample shall be caused to operate through 33,000 cycles of operation. Each cycle is determined to be the complete movement from the relaxed position, described as the poppet in the down position, to the non-leak position, described as the poppet in the top position and allowing full flow, and then back to the relaxed position. The test fluid is to be kerosene or Soltrol 170 for this test.

3. Clarification of Testing for Elastomer Materials

26.4.1 A part made of an elastomer shall not crack or show visible evidence of deterioration following exposure in an air oven for 70 hours at 100°C ±2°C (212°F ±3.6°F) for ambient or fluid ratings up to 60°C. For temperature ratings greater than 60°C, the air oven exposure conditions shall be in accordance with Table 4.3, Oven aging, of UL 157.

BSR/UL 1286, Standard for Office Furnishings

1. Revised Figure for Vertically Adjustable Surfaces.

Figure 19.1

Vertically adjustable surface clearance

(DELETED)

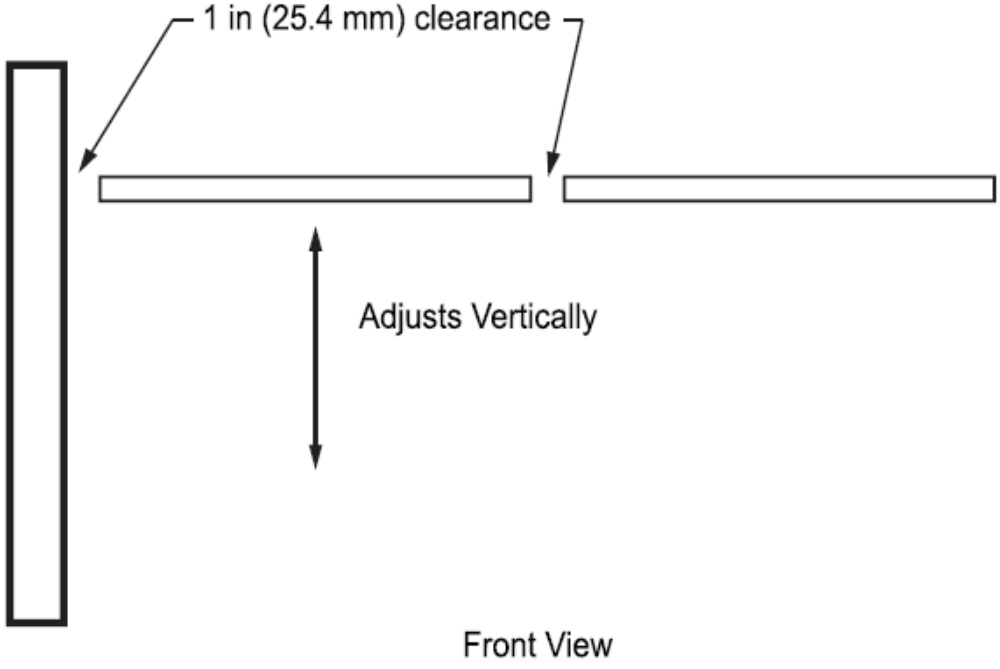
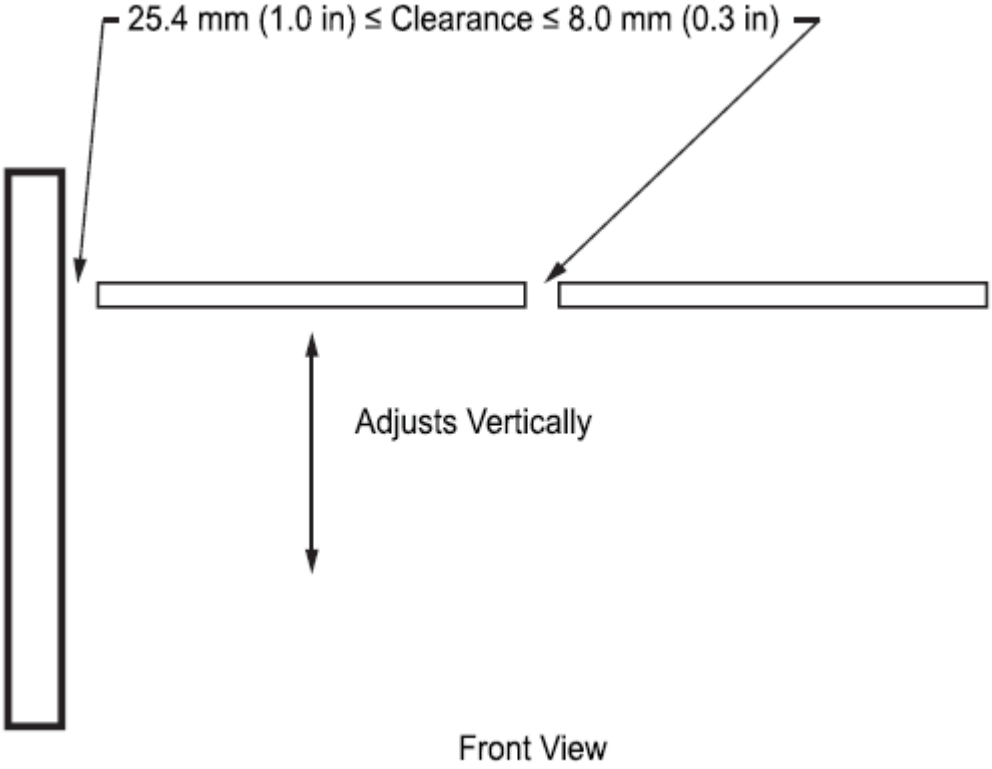


Figure 19.1

Vertically adjustable surface clearance

(NEW)



BSR/UL 1323, Standard for Safety for Scaffold Hoists

1. Hoisting speed

5.1 The maximum rated speed at which ~~the~~ an unguided suspended scaffold may be moved in a vertical direction shall not exceed 35 feet (10.7 m) per minute. The maximum rated speed at which a suspended scaffold that is guided by pretensioned wire ropes or fixed rails in an enclosed space or hoistway may be moved in the vertical direction shall not exceed 70 feet (21.4 m) per minute, whereby the maximum wire rope speed of a scaffold hoist itself shall not exceed 73 feet (22.3 m) per minute.

BSR/UL 2586, Standard for Safety for Hose Nozzle Valves

1. Clarify Secondary Shut Off Operation

15.2 Bellows Secondary Shut Off Operation

15.2.1 Hose nozzles valves designed with a bellows secondary shut off feature shall shutoff operation to the nozzle when operated as intended. This test shall be repeated after the Secondary Shut off Operation Test, Section 19.

19 Bellows Secondary Shut Off Operation Test

19.1 A hose nozzle valve with a bellows secondary shut off that has a feature shall perform as intended for 6,000 cycle of operation. The sample shall be pressurized at its rated pressure with the valve in the closed position. The hose nozzle valve shall then be operated as intended to start the flow of the fluid and then the shut off mechanism shall be activated. The flow of test fluid shall ~~stop~~ shut off. ~~There shall be no sticking of the valve, nor shall the valve become inoperative~~