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## American National Standards

### Call for comment on proposals listed

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

#### Ordering Instructions for "Call-for-Comment" Listings

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

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

\* Standard for consumer products

## Comment Deadline: March 10, 2013

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

#### Revision

BSR/ASA S12.9-201x/Part 1-201x, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 1: Basic Quantities and Definitions (revision of ANSI S12.9-Part 1-1988 (R2003))

This standard provides basic quantities for description of sound in community environments and general procedures for measurement of these quantities. Based on these quantities and procedures, compliance limits of sound may be specified by cognizant authorities and conformance with the limits controlled for purposes of environmental assessment, regulation, and land use planning.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Blaeser, (631) 390-0215, [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

### NSF (NSF International)

#### Revision

BSR/NSF 14-201x (i45r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2011)

Issue 45 - This issue proposes the addition of a footnote to Table 10 to clarify the temperature requirements for the in-plant burst pressure test specific to PEX tubing.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### UL (Underwriters Laboratories, Inc.)

#### New Standard

BSR/UL 2595-201x, Standard for General Requirements for Battery-Powered Appliances (new standard)

(1) The proposed first edition of the Standard for General Requirements for Battery-Powered Appliances, UL 2595.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Amy Walker, (847) 664-2023, [Amy.K.Walker@ul.com](mailto:Amy.K.Walker@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 213-201x, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2009a)

The intent of this proposal is to include additional requirements in UL 213 for Standard Grooves.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Derrick Martin, (408) 754-6656, [Derrick.L.Martin@ul.com](mailto:Derrick.L.Martin@ul.com)

## Comment Deadline: March 25, 2013

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA Specification No. 15-2008 (R201x), Artificial Teeth for Dental Prostheses (reaffirmation of ANSI/ADA Specification No. 15-2008)

This standard defines the classification, requirements, and test methods for synthetic polymer and ceramic teeth that are manufactured for use in prostheses used in dentistry.

Single copy price: \$80.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

Order from: Kathy Medic, (312) 440-2533, [medick@ada.org](mailto:medick@ada.org)

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

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA Standard No. 80-2001 (R201x), Dental Materials - Determination of Color Stability (reaffirmation of ANSI/ADA 80-2001 (R2008))

This standard specifies a procedure for determining the color stability of dental materials after exposure to light or water.

Single copy price: \$32.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

Order from: Kathy Medic, (312) 440-2533, [medick@ada.org](mailto:medick@ada.org)

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

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA Standard No. 97-2002 (R201x), Corrosion Test Methods (reaffirmation of ANSI/ADA 97-2002 (R2008))

This standard provides test methods and protocols to determine the corrosion behavior of all metallic materials used in restorative, prosthetic, and orthodontic dentistry in the oral cavity, including cast, machined, and prefabricated devices. This standard is not applicable to instruments and appliances.

Single copy price: \$71.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

Order from: Kathy Medic, (312) 440-2533, [medick@ada.org](mailto:medick@ada.org)

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

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA Standard No. 99-2001 (R201x), Athletic Mouth Protectors and Materials (reaffirmation of ANSI/ADA 99-2001 (R2008))

This standard is for thermoplastic or thermosetting polymeric materials, with or without a polymeric shell, that are capable of being formed into an athletic mouth protector, either on a model of the teeth or in the mouth directly on the teeth. It lists the types and classes of mouth protectors and lists requirements for physical properties along with tests specified for determining compliance with those requirements. It also specifies requirements for manufacturer's instructions and for packaging, labeling, and marking.

Single copy price: \$40.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

Order from: Kathy Medic, (312) 440-2533, [medick@ada.org](mailto:medick@ada.org)

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

**APSP (Association of Pool and Spa Professionals)****Reaffirmation**

BSR/NSPI 8-2004 (R201x), Model Barrier Code for Residential Swimming Pools, Spas, and Hot Tubs (reaffirmation of ANSI/NSPI 8-2004)

These requirements establish layers of protection for young children against the potential for drowning and near-drowning in residential swimming pools, spas, and hot tubs by limiting or delaying their access to swimming pools, spas, and hot tubs.

Single copy price: Free

Obtain an electronic copy from: [bcrenshaw@APSP.org](mailto:bcrenshaw@APSP.org)

Order from: Bernice Crenshaw, (703) 838-0083 x150, [bcrenshaw@APSP.org](mailto:bcrenshaw@APSP.org)

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

**ASME (American Society of Mechanical Engineers)****Revision**

BSR/ASME RTP-1-201x, Reinforced Thermoset Plastic Corrosion Resistant Equipment (revision of ANSI/ASME RTP-1-2011)

This Standard applies to stationary vessels used for the storage, accumulation, or processing of corrosive or other substances at pressures not exceeding 15 psig external and/or 15 psig internal above any hydrostatic head.

Single copy price: \$50.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Paul Stumpf, (212) 591-8536, [stumpfp@asme.org](mailto:stumpfp@asme.org)

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1384-2007 (R201x), Practice for Content and Structure of the Electronic Health Record (EHR) (reaffirmation of ANSI/ASTM E1384-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

Obtain an electronic copy from: [kwilson@astm.org](mailto:kwilson@astm.org)

Order from: Karen Wilson, (610) 832-9743, [accreditation@astm.org](mailto:accreditation@astm.org)

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

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1633-2008 (R201x), Specification for Coded Values Used in the Electronic Health Record (reaffirmation of ANSI/ASTM E1633-2008)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

Obtain an electronic copy from: [kwilson@astm.org](mailto:kwilson@astm.org)

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

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1714-2007 (R201x), Guide for Properties of a Universal Healthcare Identifier (UHID) (reaffirmation of ANSI/ASTM E1714-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

Obtain an electronic copy from: [kwilson@astm.org](mailto:kwilson@astm.org)

Order from: Karen Wilson, (610) 832-9743, [accreditation@astm.org](mailto:accreditation@astm.org)

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

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1715-2001 (R201x), Practice for an Object-Oriented Model for Registration, Admitting, Discharge, and Transfer (RADT) Functions in Computer-Based Patient Record Systems (reaffirmation of ANSI/ASTM E1715-2001 (R2008))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

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

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1762-1997 (R201x), Guide for Electronic Authentication of Health Care Information (reaffirmation of ANSI/ASTM E1762-1997 (R2009))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1985-1998 (R201x), Guide for User Authentication and Authorization (reaffirmation of ANSI/ASTM E1985-1998 (R2006))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E1986-2009 (R201x), Guide for Information Access Privileges to Health Information (reaffirmation of ANSI/ASTM E1986-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2145-2007 (R201x), Practice for Information Modeling  
(reaffirmation of ANSI/ASTM E2145-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2147-2009 (R201x), Specification for Audit and Disclosure  
Logs for Use in Health Information Systems (reaffirmation of ANSI/ASTM  
E2147-2001 (R2009))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2171-2002 (R201x), Practice for Rating-Scale Measures  
Relevant to the Electronic Health Record (reaffirmation of ANSI/ASTM  
E2171-2002 (R2008))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2457-2007 (R201x), Terminology for Healthcare Informatics  
(reaffirmation of ANSI/ASTM E2457-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2522-2007 (R201x), Guide for Quality Indicators for Health  
Classifications (reaffirmation of ANSI/ASTM E2522-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2553-2007 (R201x), Guide for Implementation of a Voluntary  
Universal Healthcare Identification System (reaffirmation of ANSI/ASTM  
E2553-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM E2595-2007 (R201x), Guide for Privilege Management  
Infrastructure (reaffirmation of ANSI/ASTM E2595-2007)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F858-2007 (R201x), Specification for Hot Water Sanitizing  
Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type  
(reaffirmation of ANSI/ASTM F858-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F860-2007 (R201x), Specification for Hot Water Sanitizing  
Commercial Dishwashing Machines, Multiple Tank, Rackless Conveyor Type  
(reaffirmation of ANSI/ASTM F860-2007)

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

**ASTM (ASTM International)****Reaffirmation**

BSR/ASTM F1021-2007 (R201x), Specification for Feeders, Detergent,  
Rinse Agent, and Sanitizing Agent for Commercial Dishwashing and  
Glasswashing Machines (reaffirmation of ANSI/ASTM F1021-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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

**ASTM (ASTM International)****Revision**

BSR/ASTM F1371-201x, Specification for Vegetable Peeling Machines, Electric (revision of ANSI/ASTM F1371-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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

**ASTM (ASTM International)****Revision**

BSR/ASTM F2092-201x, Specification for Convection Oven Gas or Electric (revision of ANSI/ASTM F2092-2001 (R2007))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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

**ASTM (ASTM International)****Revision**

BSR/ASTM F2324-201x, Test Method for Preinse Spray Valves (revision of ANSI/ASTM F2324-2003 (R2009))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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

**AWWA (American Water Works Association)****Revision**

BSR/AWWA B506-201x, Zinc Orthophosphate (revision of ANSI/AWWA B506-2006)

This standard describes zinc orthophosphate (ZOP) corrosion inhibitor in dry and liquid forms for use in the treatment of potable water, wastewater, or reclaimed water.

Single copy price: \$20.00

Obtain an electronic copy from: [vdavid@awwa.org](mailto:vdavid@awwa.org)

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

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

**BHMA (Builders Hardware Manufacturers Association)****Revision**

BSR/BHMA A156.4-201x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2008)

This Standard contains requirements for door closers surface mounted, concealed in the door, overhead concealed and concealed in the floor. Also included are pivots for floor closers. Criteria for conformance include cycle, operational, closing force and finish tests. Optional tests which shall be specified separately are also included.

Single copy price: 36.00 (Nonmembers); \$18.00 (BHMA Members)

Order from: Michael Tierney, (212) 297-2122, [mtierney@kellenccompany.com](mailto:mtierney@kellenccompany.com)

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

**BHMA (Builders Hardware Manufacturers Association)****Revision**

BSR/BHMA A156.31-201x, Electric Strikes and Frame Mounted Actuators (revision of ANSI/BHMA A156.31-2007)

ANSI/BHMA A156.31 establishes requirements for Electric Strikes and Frame Mounted Actuators, and includes operational and finish tests.

Single copy price: 36.00 (Nonmembers); \$18.00 (BHMA Members)

Order from: Michael Tierney, (212) 297-2127, [mtierney@kellenccompany.com](mailto:mtierney@kellenccompany.com)

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

**HL7 (Health Level Seven)****New Standard**

BSR/HL7 V3XMLITS STRUCT4WFCR1DT, R1-201x, HL7 Version 3 Standard: XML Implementation Technology Specification - V3 Structures for Wire Format Compatible Release 1 Data Types, Release 1 (new standard)

This ITS structure document includes the wire format compatible release 1 data types that confirms to Abstract Data Types 2.0, but with limited breaking of the wire format backwards compatibility with ITS Data Types Release 1.

Single copy price: Free (HL7 members); \$705.00 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104,

[Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

**HL7 (Health Level Seven)****New Standard**

BSR/HL7 V3XMLITS WFCR1DT, R1-201x, HL7 Version 3 Standard: XML Implementation Technology Specification - Wire Format Compatible Release 1 Data Types, Release 1 (new standard)

This document includes much of the functionality introduced with Data Types R2 in that it forms to Abstract Data Type 2, but with limited breaking of the wire format backwards compatibility with ITS Data Types Release 1.

Single copy price: Free (HL7 members); \$705.00 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104,

[Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

**HL7 (Health Level Seven)****New Standard**

BSR/HL CDAR2IG HAIRPT, R1-201x, HL7 Implementation Guide for CDA Release 2 - Level 3: Healthcare Associated Infection Reports, Release 1 (new standard)

With cooperation from CDC & Healthcare Associated Infections (HAI) vendors, this project will develop an implementation guide constraining CDA Release 2. The implementation guide will support electronic submission of HAI data to the National Healthcare Safety Network.

Single copy price: Free (HL7 members); \$705.00 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104,

[Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

**ISA (ISA)*****New National Adoption***

BSR/ISA 95.00.03 (IEC 62264-3 Modified)-200x, Enterprise-Control System Integration - Part 3: Activity Models of Manufacturing Operations Management (national adoption with modifications of IEC 62264-3)

Defines models for manufacturing activities that operate between logistics and planning functions and control functions.

Single copy price: \$99.00 usd

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**ISA (ISA)*****New Standard***

BSR/ISA 62443-3-3 (ISA 99.03.03)-201x, Security for industrial automation and control systems - Part 3-3: System security requirements and security levels (new standard)

This part of the ISA 62443 series provides detailed technical control system requirements associated with the seven foundational requirements described in ISA 62443-1-1 (99.01.01) including defining the requirements for control system capability security levels.

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**ISA (ISA)*****Revision***

BSR/ISA 95.00.05-201x, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA-95.00.05 -2007)

This standard defines business-to-manufacturing transactions that may be used on the objects defined in the object models of the Part 1 and Part 2 standards in the ANSI/ISA-95 series. The transactions of required and actual manufacturing activities bind and organize the manufacturing objects and activities defined in those earlier standards.

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

INCITS/ISO/IEC 2382-37:2012, Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382-37:2012)

ISO/IEC 2382-37:2012 establishes a systematic description of the concepts in the field of biometrics pertaining to recognition of human beings and reconciles variant terms in use in pre-existing biometric standards against the preferred terms, thereby clarifying the use of terms in this field.

Single copy price: \$126.00

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

INCITS/ISO/IEC 9541-1:2012, Information technology - Font information interchange - Part 1: Architecture (identical national adoption of ISO/IEC 9541-1:2012 and revision of INCITS/ISO/IEC 9541-1:2012)

ISO/IEC 9541 defines a method of naming glyphs and glyph collections, independent of any document encoding technique; it assumes that one or more methods of associating document encoding techniques with glyph identifiers used in font resources will be provided by text processing systems. ISO/IEC 9541-1:2012 specifies the architecture of a font resource, i.e., the font description, font metrics, glyph description, and glyph metrics properties required for font references and the interchange of font resources.

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

INCITS/ISO/IEC 9541-2:2012, Information technology - Font information interchange - Part 2: Interchange format (identical national adoption of ISO/IEC 9541-2:2012 and revision of INCITS/ISO/IEC 9541-2:2012)

ISO/IEC 9541 specifies the architecture of font resources, as well as the formats for font interchange amongst information processing systems. ISO/IEC 9541 also specifies the architecture and formats that can be used to construct font references in general electronic document interchange. ISO/IEC 9541-2:2012 specifies the interchange formats for font information, and the minimum subsets of that information required for interchange. ISO/IEC 9541-2:2012 requires the property definitions as defined in ISO/IEC 9541-1.

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

### ***New National Adoption***

INCITS/ISO/IEC 9541-3:2012, Information technology - Font information interchange - Part 3: Glyph shape representation (identical national adoption of ISO/IEC 9541-3:2012 and revision of INCITS/ISO/IEC 9541-3:2012)

ISO/IEC 9541-3:2012 specifies the architecture and interchange formats of glyph shape representations. Font resources represented using the architecture and interchange formats defined in ISO/IEC 9541-1 and ISO/IEC 9541-2 are used in various document processing environments in which the RELAX NG (ISO/IEC 19757-2) parsing algorithm is recognized. The encoding of font resource information as defined in ISO/IEC 9541-3:2012 is specified in RELAX NG representation for consistent generation of font resources for use in these processing environments.

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

### ***Reaffirmation***

BSR INCITS 322-2008 (R201x), Information technology - Card Durability Test Methods Update (reaffirmation of ANSI INCITS 322-2008)

This American National Standard describes Test Methods for the evaluation of Identification (ID) card durability. An ID card is defined as a card identifying its holder and issuer, which may carry data required as input for the intended use of the card.

Single copy price: \$30.00

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

### ***Reaffirmation***

BSR INCITS 440-2008 (R201x), Information technology - Card Durability / Service Life (reaffirmation of ANSI INCITS 440-2008)

This American National Standard defines a method to estimate the durability and service life performance of identification (ID) cards within specified application classes. An ID card is defined as a card identifying its holder and issuer, which may carry data required as input for the intended use of the card.

Single copy price: \$30.00

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

### ***Reaffirmation***

INCITS/ISO/IEC 7501-2-1997 (R201x), Identification Cards - Machine Readable Travel Documents - Part 2: Machine Readable Visa (reaffirmation of INCITS/ISO/IEC 7501-2-1997 (R2008))

Specifies the form and provides guidance on the construction of machine readable visas, in particular in relation to the sections of the document containing details of the holder in a form which is both visual and machine readable.

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

### ***Reaffirmation***

INCITS/ISO/IEC 7810-2003 (R201x), Identification Cards - Physical Characteristics (reaffirmation of INCITS/ISO/IEC 7810-2003 (R2008))

One of a series of standards describing the characteristics for identification cards as defined in the definitions clause and the use of such cards for international interchange. This International Standard specifies the physical characteristics of identification cards including card materials, construction, characteristics, and dimensions for four sizes of cards.

Single copy price: \$30.00

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

### ***Reaffirmation***

INCITS/ISO/IEC 7811-1-2002 (R201x), Identification cards - Recording technique - Part 1: Embossing (reaffirmation of INCITS/ISO/IEC 7811-1-2002 (R2008))

This part of ISO/IEC 7811 is one of a series of standards describing the parameters for identification cards as defined in the definitions clause and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for embossed characters on identification cards. The embossed characters are intended for transfer of data either by use of imprinters or by visual or machine reading. It takes into consideration both human and machine aspects and states minimum requirements.

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

### **Reaffirmation**

INCITS/ISO/IEC 7812-2-2000 (R201x), Identification Cards - Identification of Issuers - Part 2: Application and Registration Procedures (reaffirmation of INCITS/ISO/IEC 7812-2-2000 (R2006))

ISO/IEC 7812-2:2007 is one of a series of International Standards describing the parameters for identification cards, and the use of such cards for international and/or inter-industry interchange. It describes the application and registration procedures for numbers issued in accordance with ISO/IEC 7812-1. ISO/IEC 7812-1 specifies the numbering system for the identification of issuers of identification cards used in international and/or inter-industry interchange.

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

### **Reaffirmation**

INCITS/ISO/IEC 7813-2001 (R201x), Information technology - Identification cards - Financial transaction cards (reaffirmation of INCITS/ISO/IEC 7813-2001 (R2006))

ISO/IEC 7813:2006 specifies the data structure and data content of magnetic tracks 1 and 2, which are used to initiate financial transactions. It takes into consideration both human and physical aspects and states minimum requirements of conformity. It references layout, recording techniques, numbering systems, registration procedures, but not security requirements.

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

### **Reaffirmation**

INCITS/ISO/IEC 7816-2-2008 (R201x), Identification cards - Integrated circuit cards - Part 2: Cards with contacts - Dimensions and location of the contacts (reaffirmation of INCITS/ISO/IEC 7816-2-2008)

ISO/IEC 7816-2:2007 specifies the dimensions and locations for each of the contacts on an integrated circuit card of an ID-1 card type. It also provides information on the way to identify which standards define the use of the contacts.

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

### **Reaffirmation**

INCITS/ISO/IEC 7816-4-1995 (R201x), Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange (reaffirmation of INCITS/ISO/IEC 7816-4-1995 (R2004))

ISO/IEC 7816-4:2005 specifies: Contents of command-response pairs exchanged at the interface, means of retrieval of data elements and data objects in the card, structures and contents of historical bytes to describe operating characteristics of the card, structures for applications and data in the card, as seen at the interface when processing commands, access methods to files and data in the card, a security architecture defining access rights to files and data in the card, means and mechanisms for identifying and addressing applications in the card.

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

### **Reaffirmation**

INCITS/ISO/IEC 7816-12-2008 (R201x), Identification cards - Integrated circuit cards - Part 12: Cards with contacts - USB electrical interface and operating procedures (reaffirmation of INCITS/ISO/IEC 7816-12-2008)

This part of ISO/IEC 7816 specifies the operating conditions of an integrated circuit card that provides a USB interface. Figure 1 in the standard shows the assignment of the contact fields for a USB interface and - to illustrate interoperability - the assignment as used in ISO/IEC 7816-3.

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

### **Reaffirmation**

INCITS/ISO/IEC 7816-13-2008 (R201x), Identification cards - Integrated circuit cards - Part 13: Commands for application management in a multi-application environment (reaffirmation of INCITS/ISO/IEC 7816-13-2008)

ISO/IEC 7816-13:2007 specifies commands for application management in a multi-application environment. These commands cover the entire lifecycle of applications in a multi-application integrated circuit card, and the commands can be used before and after the card is issued to the cardholder. ISO/IEC 7816-13:2007 does not cover the implementation within the card and/or the outside world.

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

### **Reaffirmation**

INCITS/ISO/IEC 8484-1987 (R201x), Information technology - Magnetic stripes on savingsbooks (reaffirmation of INCITS/ISO/IEC 8484-1987 (R2004))

ISO/IEC 8484:2007 specifies the characteristics and location of a magnetic stripe on a savingsbook and the use of such savingsbooks for international interchange. Compatibility with international interchange systems is provided through the requirements of ISO/IEC 8484:2007, enabling a savingsbook with a magnetic stripe to be read and possibly encoded in a device that is compatible with reading identification cards used in international interchange. It takes into consideration both human and machine aspects and states minimum requirements.

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

### **Reaffirmation**

INCITS/ISO/IEC 10536-1-1992 (R201x), Identification cards - Contactless integrated circuit(s) cards - Close-coupled cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 10536-1-1992 (R2004))

This part of ISO/IEC 10536 specifies the physical characteristics of close-coupled cards (CICC). It applies to identification cards of the card type ID-1 operating either in a slot or on the surface of a coupling device.

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

### **Reaffirmation**

INCITS/ISO/IEC 10536-3-2008 (R201x), Identification cards - Contactless integrated circuit(s) cards - Part 3: Electronic signals and reset procedures (reaffirmation of INCITS/ISO/IEC 10536-3-2008)

This part of ISO/IEC 10536 specifies the nature and characteristics of the fields to be provided for power and bi-directional communications between card coupling devices (CCDs) and contactless integrated circuit(s) cards (CICCs) of the ID-1 card type in slot or surface operation.

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

### **Reaffirmation**

INCITS/ISO/IEC 15457-2-2001 (R201x), Identification cards - Thin flexible cards - Part 2: Magnetic recording technique (reaffirmation of INCITS/ISO/IEC 15457-2-2001 (R2007))

Thin flexible cards are used to automate the controls for access to goods or services such as mass transit, highway toll systems, car parks, vouchers, and stored value.

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

### **Reaffirmation**

INCITS/ISO/IEC 24727-1-2008 (R201x), Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture (reaffirmation of INCITS/ISO/IEC 24727-1-2008)

ISO/IEC 24727 is a set of programming interfaces for interactions between integrated circuit cards and external applications to include generic services for multi-sector use. The organization and the operation of the ICC conform to ISO/IEC 7816-4.

Single copy price: \$30.00

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## **TAPPI (Technical Association of the Pulp and Paper Industry)**

### **New Standard**

BSR/TAPPI T 453 sp-201x, Effect of dry heat on properties of paper and board (new standard)

This practice specifies the procedure for dry heat treatment of paper or board, and the general procedure for testing the heat-treated materials. The purpose is to obtain, by an accelerated aging test, inferences regarding the aging qualities of the paper. The practice is based on work that has been done with printing and writing papers, but it may be used with discretion on other types of papers and boards.

Single copy price: Free

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

BSR/TIA 41.511-E-2004 (R201x), Mobile Application Part - ANS/SS7 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.511-E-2004)

This part of the TIA-41 series defines transport signaling protocols.

Single copy price: \$71.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

BSR/TIA 664-000-B-2003 (R201x), Wireless Features Description (reaffirmation of ANSI/TIA 664-000-B-2003)

This standard describes wireless features for mobile phones that operate on the cdma2000 network.

Single copy price: \$95.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

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**TIA (Telecommunications Industry Association)****Revision**

BSR/TIA 598-D-201x, Optical Fiber Cable Coding (revision and redesignation of ANSI/TIA 598-C-2005)

Revise current document.

Single copy price: \$82.00

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

BSR/UL 60947-5-1-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption with modifications of IEC 60947-5-1)

Covers revisions to the previously proposed standard based on comments received.

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

BSR/UL 1767-201x, Standard for Safety for Early-Suppression Fast-Response Sprinklers (revision of ANSI/UL 1767-2010)

The following changes to UL 1767 are being proposed: (1) Revisions to more closely align text with NFPA 13 and other sprinkler standards, clarify requirements, and update testing details; (2) Revised heat resistance test; (3) Protection of glass bulb tips; (4) Revisions to large scale fire test methods and requirements; and (5) New air bath test for glass bulb sprinklers.

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**Comment Deadline: April 9, 2013****ASME (American Society of Mechanical Engineers)****Withdrawal**

ANSI/ASME B18.3.2M-1979 (R2008), Metric Series Hexagon Keys and Bits (withdrawal of ANSI/ASME B18.3.2M-1979 (R2008))

This standard contains the complete dimensional, mechanical and performance requirements for Metric Series Hexagon Keys and Bits of nominal sizes from 0.7 mm to 36 mm, recognized as "American National Standard."

Single copy price: \$35.00

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**ASME (American Society of Mechanical Engineers)****Withdrawal**

ANSI/ASME B18.3.3M-1986 (R2008), Hexagon Socket Head Shoulder Screws (Metric Series) (withdrawal of ANSI/ASME B18.3.3M-1986 (R2008))

This Standard contains complete dimensional, mechanical, and performance requirements for Metric Series Hexagon Socket Head Shoulder Screws with nominal shoulder diameters from 6.5 mm to 25 mm, recognized as "American National Standard."

Single copy price: \$35.00

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Calvin Gomez, (212) 591-7021, [gomezcc@asme.org](mailto:gomezcc@asme.org)

**ASME (American Society of Mechanical Engineers)****Withdrawal**

ANSI/ASME B18.3.4M-1986 (R2008), Hexagon Socket Button Head Cap Screws (Metric Series) (withdrawal of ANSI/ASME B18.3.4M-1986 (R2008))

This Standard contains the complete general and dimensional requirements for Metric Series Hexagon Socket Button Head Cap Screws of nominal sizes from 3 mm to 16 mm, recognized as "American National Standard."

Single copy price: \$35.00

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Calvin Gomez, (212) 591-7021, [gomezcc@asme.org](mailto:gomezcc@asme.org)

**ASME (American Society of Mechanical Engineers)*****Withdrawal***

ANSI/ASME B18.3.5M-1986 (R2008), Hexagon Socket Flat Countersunk Head Cap Screws (Metric Series) (withdrawal of ANSI/ASME B18.3.5M-1986 (R2008))

This Standard contains complete general and dimensional requirements for Metric Series Hexagon Socket Flat Countersunk Head Cap Screws of nominal sizes from 3 mm to 20 mm, recognized as "American National Standard."

Single copy price: \$35.00

Order from: For Reaffirmations and Withdrawn standards please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Calvin Gomez, (212) 591-7021, [gomezc@asme.org](mailto:gomezc@asme.org)

**ASME (American Society of Mechanical Engineers)*****Withdrawal***

BSR/ASME B18.3.1M-1986 (R2008), Socket Head Cap Screws (Metric Series) (withdrawal of ANSI/ASME B18.3.1M-1986 (R2008))

This Standard covers the complete dimensional and general data for continuous-thread and double-end metric series studs recognized as an American National Standard.

Single copy price: \$35.00

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Calvin Gomez, (212) 591-7021, [gomezc@asme.org](mailto:gomezc@asme.org)

**OEO SC (ASC OP) (Optics and Electro-Optics Standards Council)*****New National Adoption***

BSR OEO SC OP1.0110-11-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 11: Non-toleranced data (national adoption with modifications of ISO 10110-11)

This national standard establishes uniform practices for non-toleranced data, or defaults, on optics drawings. It is based entirely on ISO 10110-11, with modifications to accommodate current standard practice in the United States.

Single copy price: 50.00 (PDF): \$70.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

**OEO SC (ASC OP) (Optics and Electro-Optics Standards Council)*****New National Adoption***

BSR OEO SC OP1.0110-12-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 12: Aspheric surfaces (national adoption with modifications of ISO 10110-12)

This national standard establishes uniform practices for indications on drawings of aspheric optical surfaces. It is based entirely on ISO 10110-12, with the addition of a notation to allow the specification of Forbes aspheres, commonly called Qcon and Qbfs.

Single copy price: 75.00 (PDF): \$100.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

**OEO SC (ASC OP) (Optics and Electro-Optics Standards Council)*****New National Adoption***

BSR OEO SC OP1.0110-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part:10 Table representing data of optical elements and cemented assemblies (national adoption with modifications of ISO 10110-10)

OP1.0110-10 is a national standard that establishes uniform practices for drawing notations in tabular form for optical elements and assemblies. It is based entirely on ISO 10110-10, but modified to accommodate standard practice in the United States.

Single copy price: 75.00 (PDF): \$100.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

**OEO SC (ASC OP) (Optics and Electro-Optics Standards Council)*****New National Adoption***

BSR OEO SC OP1.0110-9-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 9: Surface treatment and coating (national adoption with modifications of ISO 10110-9)

This national standard establishes uniform practices for indicating the treatments and coatings applied to optical surface for functional and/or protective purposes. It is based entirely on ISO 10110-9, with some modifications to accommodate standard practice in the United States.

Single copy price: 50.00 (PDF): \$70.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

**OEO SC (ASC OP) (Optics and Electro-Optics Standards Council)*****New National Adoption***

BSR OEO SC OP1.9211-1-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 1: Definitions (national adoption with modifications of ISO 9211-1)

This national standard defines the terms relevant to optical coatings. It is based entirely on ISO 9211-1, with some modifications to accommodate standard practice in the United States.

Single copy price: 75.00 (PDF): \$105.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

## OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

### New National Adoption

BSR OEOSC OP1.9211-2-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 2: Optical properties (national adoption with modifications of ISO 9211-2)

This national standard indicates how to specify optical properties of coatings and to represent spectral characteristics graphically. It is based entirely on the international standard ISO 9211-2, with some modifications to accommodate standard practice in the United States.

Single copy price: 75.00 (PDF): \$100.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

## OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

### New National Adoption

BSR OEOSC OP1.9211-3-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 3: Environmental durability (national adoption with modifications of ISO 9211-3)

This national standard specifies the categories of use for optical coatings and identifies which environmental tests are necessary to prove that the coatings meet the required specification. It is based entirely on ISO 9211-3.

Single copy price: 50.00 (PDF): \$70.00 (paper)

Obtain an electronic copy from: [daikens@optstd.org](mailto:daikens@optstd.org)

Order from: Dave Aikens, 860-878-0722, [daikens@optstd.org](mailto:daikens@optstd.org)

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

## UL (Underwriters Laboratories, Inc.)

### New National Adoption

BSR/UL 60730-2-6-201X, Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements (national adoption with modifications of IEC 60730-2-6)

This part of IEC 60730 applies to automatic electrical pressure SENSING CONTROLS with a minimum gauge pressure rating of -8.71 psi and a maximum gauge pressure rating of 609.58 psi, for use in, on or in association with, equipment for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air-conditioning, and similar applications. This standard applies to inherent safety, operating values, operating sequences, where such are associated with equipment protection.

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](mailto:psa@ansi.org)) to: Alan McGrath, (847) 664-3038, [alan.t.mcgrath@ul.com](mailto:alan.t.mcgrath@ul.com)

## Projects Withdrawn from Consideration

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

### ASTM (ASTM International)

BSR/ASTM D2467-2006 (R201x), Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (reaffirmation of ANSI/ASTM D2467-2006)

### ASTM (ASTM International)

BSR/ASTM WK22660-201x, Test Method for Evaluating Fire Performance of Vented Construction (new standard)

### HL7 (Health Level Seven)

BSR/HL7 V3 PA, R1-200x, HL7 Version 3 Standard: Patient Administration, Release 1 (new standard)

Inquiries may be directed to Karen Van Hentenryck, (734) 677-7777 Ext 104, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

## 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](mailto:psa@ansi.org).

### ISA (ISA)

ISA TR92.06.03-2013, Feasibility of Chlorine Detection Instrument Testing (TECHNICAL REPORT) (technical report)

This technical report provides support to the work of the ISA92 Committee responsible for drafting a performance standard for chlorine detection instruments. The scope of the standard is limited to those instruments intended for the determination of chlorine gas in air to enhance workplace safety. The first part of the technical report discusses issues related to the question of the possible interaction of chlorine with water vapor in the gas phase. The latter part of the technical report discusses the generation of chlorine gas.

Single copy price: \$50.00

Order from: ISA, [info@isa.org](mailto:info@isa.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Eliana Brazda, (919) 990-9228, [ebrazda@isa.org](mailto:ebrazda@isa.org)

# Correction

## Incorrect Standards Intent

### TIA 455-12-B

The Telecommunications Industry Association Public Review announcement that appeared in ANSI Standards Action 11/2/2012 for TIA 455-12-B should have been listed as a (reaffirmation of ANSI/TIA 455-12-B-2008) rather than a new standard.

# 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.

## **AAMI (Association for the Advancement of Medical Instrumentation)**

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

**Contact:** *Cliff Bernier*

**Phone:** (703) 253-8263

**Fax:** (703) 276-0793

**E-mail:** [CBernier@aami.org](mailto:CBernier@aami.org)

BSR/AAMI/ISO 11663-201x, Quality of dialysis fluid for haemodialysis and related therapies (national adoption of ISO/DIS 11663 with modifications and revision of ANSI/AAMI/ISO 11663-2009 (Ed1))

BSR/AAMI/ISO 13958-201x, Concentrates for haemodialysis and related therapies (identical national adoption of ISO/DIS 13958 and revision of ANSI/AAMI/ISO 13958-2009)

BSR/AAMI/ISO 13959-201x, Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 13959 and revision of ANSI/AAMI/ISO 13959-2009)

BSR/AAMI/ISO 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500 and revision of ANSI/AAMI/ISO 23500-2011)

BSR/AAMI/ISO 26722-201x, Water treatment equipment for haemodialysis and related therapies (identical national adoption of ISO/DIS 26722 and revision of ANSI/AAMI/ISO 26722-2009)

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

**Office:** 35 Pinelawn Road, Suite 114E  
Melville, NY 11747

**Contact:** *Susan Blaeser*

**Phone:** (631) 390-0215

**Fax:** (631) 390-0217

**E-mail:** [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

BSR/ASA S12.9-201x/Part 1-201x, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 1: Basic Quantities and Definitions (revision of ANSI S12.9-Part 1-1988 (R2003))

## **B11 (B11 Standards, Inc.)**

**Office:** PO Box 690905  
Houston, TX 77269-0905

**Contact:** *David Felinski*

**Phone:** (832) 446-6999

**E-mail:** [dfelinski@b11standards.org](mailto:dfelinski@b11standards.org); [DFelinski@plasticsindustry.org](mailto:DFelinski@plasticsindustry.org)

BSR B11.25-201x, Safety Requirements for Large Machines (new standard)

## **BHMA (Builders Hardware Manufacturers Association)**

**Office:** 355 Lexington Avenue  
New York, NY 10017

**Contact:** *Emily Brochstein*

**Phone:** (212) 297-2126

**Fax:** (212) 370-9047

**E-mail:** [ebrochstein@kellencompany.com](mailto:ebrochstein@kellencompany.com)

BSR/BHMA A156.4-201x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2008)

BSR/BHMA A156.31-201x, Electric Strikes and Frame Mounted Actuators (revision of ANSI/BHMA A156.31-2007)

## **CGA (Compressed Gas Association)**

**Office:** 14501 George Carter Way, Suite 103  
Chantilly, VA 20151

**Contact:** *Kristy Morrison-Mastromichalis*

**Phone:** (703) 788-2728

**Fax:** (703) 961-1831

**E-mail:** [kmastromichalis@cganet.com](mailto:kmastromichalis@cganet.com)

BSR/CGA H-5-200x, Installation Standards for Bulk Hydrogen Supply Systems, 2nd Edition (new standard)

## **ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** *Eliana Brazda*

**Phone:** (919) 990-9228

**Fax:** (919) 549-8288

**E-mail:** [ebrazda@isa.org](mailto:ebrazda@isa.org)

BSR/ISA 12.12.01-201x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2012)

BSR/ISA 60079-28 (12.21.02)-2012 (R201x), Explosive Atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation (reaffirmation of ANSI/ISA 60079-28 (12.21.02)-2012)

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

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

**Contact:** *Deborah Spittle*

**Phone:** (202) 626-5746

**Fax:** (202) 638-4922

**E-mail:** dspittle@itic.org

BSR INCITS 322-2008 (R201x), Information technology - Card Durability Test Methods Update (reaffirmation of ANSI INCITS 322-2008)

BSR INCITS 440-2008 (R201x), Information technology - Card Durability / Service Life (reaffirmation of ANSI INCITS 440-2008)

INCITS/ISO 19117-201x, Geographic information -- Portrayal (identical national adoption of ISO 19117:2012 and revision of INCITS/ISO 19117-2005 (R2010))

INCITS/ISO/IEC 2382-37:2012, Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382 -37:2012)

INCITS/ISO/IEC 7501-2-1997 (R201x), Identification Cards - Machine Readable Travel Documents - Part 2: Machine Readable Visa (reaffirmation of INCITS/ISO/IEC 7501-2-1997 (R2008))

INCITS/ISO/IEC 7810-2003 (R201x), Identification Cards - Physical Characteristics (reaffirmation of INCITS/ISO/IEC 7810-2003 (R2008))

INCITS/ISO/IEC 7811-1-2002 (R201x), Identification cards - Recording technique - Part 1: Embossing (reaffirmation of INCITS/ISO/IEC 7811 -1-2002 (R2008))

INCITS/ISO/IEC 7812-2-2000 (R201x), Identification Cards - Identification of Issuers - Part 2: Application and Registration Procedures (reaffirmation of INCITS/ISO/IEC 7812-2-2000 (R2006))

INCITS/ISO/IEC 7813-2001 (R201x), Information technology - Identification cards - Financial transaction cards (reaffirmation of INCITS/ISO/IEC 7813-2001 (R2006))

INCITS/ISO/IEC 7816-2-2008 (R201x), Identification cards - Integrated circuit cards - Part 2: Cards with contacts - Dimensions and location of the contacts (reaffirmation of INCITS/ISO/IEC 7816-2-2008)

INCITS/ISO/IEC 7816-4-1995 (R201x), Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange (reaffirmation of INCITS/ISO/IEC 7816-4-1995 (R2004))

INCITS/ISO/IEC 7816-12-2008 (R201x), Identification cards - Integrated circuit cards - Part 12: Cards with contacts - USB electrical interface and operating procedures (reaffirmation of INCITS/ISO/IEC 7816-12 -2008)

INCITS/ISO/IEC 7816-13-2008 (R201x), Identification cards - Integrated circuit cards - Part 13: Commands for application management in a multi-application environment (reaffirmation of INCITS/ISO/IEC 7816 -13-2008)

INCITS/ISO/IEC 8484-1987 (R201x), Information technology - Magnetic stripes on savingsbooks (reaffirmation of INCITS/ISO/IEC 8484-1987 (R2004))

INCITS/ISO/IEC 9541-1:2012, Information technology -- Font information interchange -- Part 1: Architecture (identical national adoption of ISO/IEC 9541-1:2012 and revision of INCITS/ISO/IEC 9541-1:2012)

INCITS/ISO/IEC 9541-2:2012, Information technology -- Font information interchange -- Part 2: Interchange format (identical national adoption of ISO/IEC 9541-2:2012 and revision of INCITS/ISO/IEC 9541-2:2012)

INCITS/ISO/IEC 9541-3:2012, Information technology -- Font information interchange -- Part 3: Glyph shape representation (identical national adoption of ISO/IEC 9541-3:2012 and revision of INCITS/ISO/IEC 9541-3:2012)

INCITS/ISO/IEC 10536-1-1992 (R201x), Identification cards - Contactless integrated circuit(s) cards - Close-coupled cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 10536-1 -1992 (R2004))

INCITS/ISO/IEC 10536-3-2008 (R201x), Identification cards - Contactless integrated circuit(s) cards - Part 3: Electronic signals and reset procedures (reaffirmation of INCITS/ISO/IEC 10536-3-2008)

INCITS/ISO/IEC 15457-2-2001 (R201x), Identification cards - Thin flexible cards - Part 2: Magnetic recording technique (reaffirmation of INCITS/ISO/IEC 15457-2-2001 (R2007))

INCITS/ISO/IEC 24727-1-2008 (R201x), Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture (reaffirmation of INCITS/ISO/IEC 24727-1-2008)

INCITS/ISO/IEC 29500-2-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 2: Open Packaging Conventions (identical national adoption of ISO/IEC 29500-2:2012 and revision of INCITS/ISO/IEC 29500-2-2009)

INCITS/ISO/IEC 29500-3-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 3: Markup Compatibility and Extensibility (identical national adoption of ISO/IEC 29500-3:2012 and revision of INCITS/ISO/IEC 29500-3-2009)

INCITS/ISO/IEC 29500-4-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 4: Transitional Migration Features (identical national adoption of ISO/IEC 29500-4:2012 and revision of INCITS/ISO/IEC 29500-4-2009)

INCITS/ISO/IEC 29500-1:2012, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference (identical national adoption of ISO/IEC 29500-1:2012 and revision of INCITS/ISO/IEC 29500-1-2009)

INCITS/ISO/IEC 11002:2008, Information technology - Multipath management API (identical national adoption of ISO/IEC 11002:2008)

INCITS/ISO/IEC 11989:2010, Information technology - iSCSI Management API (identical national adoption of ISO/IEC 11989:2010)

**NEMA (National Electrical Manufacturers Association)**

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

**Contact:** *Steve Griffith*

**Phone:** (703) 841-3297

**E-mail:** Steve.Griffith@nema.org

BSR/NEMA SGIC-1-201x, Smart Grid Interoperable & Conformant (SG-IC) Testing and Certification Scheme Operator Guidelines (new standard)

**OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)**

**Office:** 35 Gilbert Hill Rd.  
Chester, CT 06412

**Contact:** Dave Aikens

**Phone:** 860-878-0722

**Fax:** 860-555-1212

**E-mail:** daikens@optstd.org

BSR OEOSC OP1.0110-11-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 11: Non-toleranced data (national adoption with modifications of ISO 10110-11)

BSR OEOSC OP1.0110-12-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 12: Aspheric surfaces (national adoption with modifications of ISO 10110-12)

BSR OEOSC OP1.0110-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part:10 Table representing data of optical elements and cemented assemblies (national adoption with modifications of ISO 10110-10)

BSR OEOSC OP1.0110-9-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawing for optical elements and systems - Part 9: Surface treatment and coating (national adoption with modifications of ISO 10110-9)

BSR OEOSC OP1.9211-1-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 1: Definitions (national adoption with modifications of ISO 9211-1)

BSR OEOSC OP1.9211-2-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 2: Optical properties (national adoption with modifications of ISO 9211-2)

BSR OEOSC OP1.9211-3-201x, Standard for Optics and Electro-Optical Instruments - Optical coatings - Part 3: Environmental durability (national adoption with modifications of ISO 9211-3)

**OPEI (Outdoor Power Equipment Institute)**

**Office:** 341 South Patrick Street  
Alexandria, VA 22314

**Contact:** Kathleen Woods

**Phone:** (703) 549-7600, ext. 24

**Fax:** (703) 549-7604

**E-mail:** KWood@opei.org

BSR/OPEI B175.2-201x, ANS for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held and Backpack Blowers and Blower-Vacuums - Safety Requirements and Performance Testing Procedures (revision of ANSI/OPEI B175.2-2012)

**TIA (Telecommunications Industry Association)**

**Office:** 1320 North Courthouse Road, Suite 200  
Suite 300  
Arlington, VA 22201

**Contact:** Teesha Jenkins

**Phone:** (703) 907-7706

**Fax:** (703) 907-7727

**E-mail:** standards@tiaonline.org

ANSI/TIA 472E000-2005, Standards for Indoor-Outdoor Optical Fiber Drop Cable (withdrawal of ANSI/TIA 472E000-2005)

ANSI/TIA 472F000-2005, Standards for Optical Fiber Drop Cable (withdrawal of ANSI/TIA 472F000-2005)

ANSI/TIA 472C000-B-2005, Standards for Optical Fiber Premises Distribution Cable (withdrawal of ANSI/TIA 472C000-B-2005)

BSR/TIA 41.511-E-2004 (R201x), Mobile Application Part - ANS/SS7 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.511-E-2004)

BSR/TIA 598-D-201x, Optical Fiber Cable Coding (revision and redesignation of ANSI/TIA 598-C-2005)

**TUV-R (TUV Rheinland PTL, LLC)**

**Office:** 2210 South Roosevelt Street  
Tempe, AZ 85282

**Contact:** Jerome Novacek

**Phone:** (480) 966-1700

**Fax:** (775) 314-6458

**E-mail:** jnovacek@us.tuv.com

BSR/TUV-R 71930-01-201x, Integration and construction requirements of power conversion systems for utility-scale renewable energy power plants (new standard)



## Call for Members (ANS Consensus Bodies)

### **AWWA (American Water Works Association)**

Office: 6666 West Quincy Avenue  
Denver, CO 80235-3098  
Contact: Dawn Flancher  
Phone: (303)-347-6195  
Fax: (303)-795-1440  
E-Mail: [dflancher@awwa.org](mailto:dflancher@awwa.org)

AWWA is seeking experts to serve on Standards Committees. Members provide technical guidance, review, and vote on revisions to ANSI/AWWA standards. Members are needed to represent General Interest (GI), Producers (P), and Users (U). There are currently openings on the following technical committees:

BSR/ANSI/AWWA 15.105 **Air-Release, Air/Vacuum, and Combination Air Valves** — U  
BSR/ANSI/AWWA 15.146 **Backflow Preventer Standards Committee** — GI / U  
BSR/ANSI/AWWA 15.216 **Fiberglass Weirs, Troughs, and Baffles** — GI / P / U  
BSR/ANSI/AWWA 15.284 **Slide Gates** — GI  
BSR/ANSI/AWWA 15.353 **Thermosetting Fiberglass Reinforced Plastic Pipe** — P / U  
BSR/ANSI/AWWA 15.370 **Thermosetting Fiberglass Reinforced Plastic Tanks** — GI / P / U  
BSR/ANSI/AWWA 15.550 **Risk and Resilience** — P / U  
BSR/ANSI/AWWA 15.503 **Wastewater Pretreatment** — GI / P / U

## Call for Members (ANS Consensus Bodies)

### STP 1696, Flexible Nonmetallic Conduit and Tubing

STP 1696, Flexible Nonmetallic Conduit and Tubing, seeks to broaden its membership base and is recruiting new participants in the following interest categories:

AHJ, Commercial/Industrial User, General, Supply Chain, Testing and Standards Organization

STP 1696 covers the following standards:

- UL 1653, Electrical Nonmetallic Tubing;
- UL 1660, Liquid-Tight Flexible Nonmetallic Conduit;
- UL 1696, Nonmetallic Mechanical Protection Tubing (NMPT)

For information regarding the application process please contact:

Paul Lloret  
**Underwriters Laboratories Inc. (UL)**  
455 E Trimble Road  
San Jose, CA 95131  
E-mail: [paul.e.lloret@ul.com](mailto:paul.e.lloret@ul.com)  
Phone: (408) 754-6618

# Final Actions on American National Standards

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

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### **Revision**

ANSI/AAMI ST77-2013, Containment devices for reusable medical device sterilization (revision of ANSI/AAMI ST77-2006 (R2010)): 2/1/2013

## **ADA (American Dental Association)**

### **New National Adoption**

ANSI/ADA Specification No. 30-2013, Dental Zinc Oxide/Eugenol and Zinc Oxide/Non-Eugenol Cements (identical national adoption of ISO 3107:2011 and revision of ANSI/ADA Specification No. 30-2000 (R2010)): 2/5/2013

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

### **Reaffirmation**

ANSI/ASAE D241.4-FEB93 (R2013), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2008)): 2/5/2013

ANSI/ASAE S319.4-2008 (R2013), Method of Determining and Expressing Fineness of Feed Materials by Sieving (reaffirmation of ANSI/ASAE S319.4-2008): 2/5/2013

### **Revision**

ANSI/ASAE S584.3-2013, Agricultural Equipment: Speed Identification Symbol (SIS) (revision of ANSI/ASAE S584.2-2011): 2/5/2013

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

### **New Standard**

ANSI X9.79-Part 4-2013, Public Key Infrastructure (PKI) - Part 4: Asymmetric Key Management (new standard): 2/5/2013

## **ASME (American Society of Mechanical Engineers)**

### **Revision**

ANSI/ASME B16.5-2013, Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard (revision of ANSI/ASME B16.5-2009): 2/5/2013

ANSI/ASME B18.6.3-2013, Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series) (revision of ANSI/ASME B18.6.3-2010): 2/5/2013

ANSI/ASME TDP-1-2013, Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Fossil-Fueled Plants (revision of ANSI/ASME TDP-1-2006): 2/5/2013

## **ASTM (ASTM International)**

### **New Standard**

ANSI/ASTM D7129-2009, Test Method for Determination of Ammonia Trapping in a Grafted Battery Separator (new standard): 10/27/2009

ANSI/ASTM D7131-2009, Test Method for Determination of Ion Exchange Capacity (IEC) In Grafted Battery Separator (new standard): 10/27/2013

ANSI/ASTM E2147-2009, Specification for Audit and Disclosure Logs for Use in Health Information Systems (new standard): 10/27/2009

ANSI/ASTM F859-2009, Specification for Heat-Sanitizing Commercial Dishwashing Machines, Multiple Tank, Conveyor Rack Type (new standard): 10/27/2009

ANSI/ASTM F918-2009, Specification for Noncarbonated Mechanically Refrigerated Beverage Dispenser (Visible Product) (new standard): 10/27/2009

ANSI/ASTM F1000-2013, Standard Practice for Piping System Drawing Symbols (new standard): 1/29/2013

ANSI/ASTM F1604-2009, Specification for Freezers, Ice Cream, Soft Serve, Shake (new standard): 10/27/2009

ANSI/ASTM F2474-2009, Test Method for Heat Gain to Space Performance of Commercial Kitchen Ventilation/Appliance Systems (new standard): 10/27/2009

ANSI/ASTM F2796-2009, Specification for Hot Food Holding Tables (new standard): 10/27/2009

ANSI/ASTM F2798-2009, Specification for Sealless Lube Oil Pump with Oil Through Motor for Marine Applications (new standard): 10/27/2009

### **Revision**

ANSI/ASTM D229-2009, Test Methods for Rigid Sheet and Plate Materials Used for Electrical Insulation (revision of ANSI/ASTM D229-2009): 10/27/2009

ANSI/ASTM D350-2009, Test Methods for Flexible Treated Sleeving Used for Electrical Insulation (revision of ANSI/ASTM D350-2008): 10/27/2009

ANSI/ASTM D4306-2013, Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination (revision of ANSI/ASTM D4306-2012a): 1/29/2013

ANSI/ASTM E176-2009, Terminology of Fire Standards (revision of ANSI/ASTM E176-2009a): 10/27/2009

ANSI/ASTM E1740-2009, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wallcovering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2007a): 10/27/2009

ANSI/ASTM E2061-2009, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2009): 10/27/2009

ANSI/ASTM E2102-2009, Test Method for Measurement of Mass Loss and Ignitability for Screening Purposes Using a Conical Radiant Heater (revision of ANSI/ASTM E2102-2008): 10/27/2009

ANSI/ASTM E2231-2009, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2231-2007): 10/27/2009

ANSI/ASTM E2536-2009, Guide for Assessment of Measurement Uncertainty In Fire Tests (revision of ANSI/ASTM E2536-2006): 10/27/2009

ANSI/ASTM E2599-2009, Practice for Specimen Preparation and Mounting of Reflective Insulation Materials and Radiant Barrier Materials for Building Applications to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2599-2009): 10/27/2009

ANSI/ASTM F450-2009, Test Methods for Vacuum Cleaner Hose - Durability and Reliability Plastic Wire Reinforced (revision of ANSI/ASTM F450-2001): 10/27/2009

ANSI/ASTM F645-2013, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (revision of ANSI/ASTM F645-2012): 1/29/2013

ANSI/ASTM F1587-2013, Specification for Head and Face Protective Equipment for Ice Hockey Goaltenders (revision of ANSI/ASTM F1587-2012): 1/29/2013

ANSI/ASTM F2144-2009, Test Method for Performance of Large Open Vat Fryers (revision of ANSI/ASTM F2144-2007): 10/27/2009

ANSI/ASTM F2643-2009, Specification for Powered Pot, Pan and Utensil Washing Sinks (revision of ANSI/ASTM F2643-2007): 10/27/2009

ANSI/ASTM F2648-2013, Specification for 2 to 60 Inch (50 to 1500 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications (revision of ANSI/ASTM F2648-2011): 1/29/2013

## **AWS (American Welding Society)**

### **Revision**

ANSI/AWS C7.1M/C7.1-2013, Recommended Practices for Electron Beam Welding (revision of ANSI/AWS C7.1M/C7.1-2004): 2/5/2013

## **CEA (Consumer Electronics Association)**

### **New Standard**

\* ANSI/CEA 2045-2013, Modular Communications Interface (new standard): 2/5/2013

## **TIA (Telecommunications Industry Association)**

### **Reaffirmation**

ANSI/TIA 664-534-B-2007 (R2013), Wireless Features Description: Service Negotiation (SN) (reaffirmation of ANSI/TIA 664-534-B-2007): 1/31/2013

ANSI/TIA 664-536-B-2007 (R2013), Wireless Features Description: Group 3 Analog Facsimile Service (G3 AFax) (reaffirmation of ANSI/TIA 664-536-B-2007): 1/31/2013

ANSI/TIA 664-537-B-2007 (R2013), Wireless Features Description: Wireless Intelligent Network Feature Descriptions (reaffirmation of ANSI/TIA 664-537-2007): 1/31/2013

ANSI/TIA 664-601-B-2007 (R2013), Wireless Features Description: Short Message Delivery (reaffirmation of ANSI/TIA 664-601-B-2007): 1/31/2013

ANSI/TIA 664-602-B-2007 (R2013), Wireless Features Description: Wireless Messaging Teleservice (reaffirmation of ANSI/TIA 664-602-B-2007): 1/31/2013

ANSI/TIA 664-603-B-2007 (R2013), Wireless Features Description: Wireless Paging Teleservice (reaffirmation of ANSI/TIA 664-603-B-2007): 2/1/2013

ANSI/TIA 664-701-B-2007 (R2013), Wireless Features Description: Mobile Station Functionality (reaffirmation of ANSI/TIA 664-701-B-2007): 2/1/2013

ANSI/TIA 664-801-B-2007 (R2013), Wireless Features Description: System Functionality (reaffirmation of ANSI/TIA 664-801-B-2007): 2/1/2013

ANSI/TIA 664-802-B-2007 (R2013), Wireless Features Description: Subscriber Confidentiality (reaffirmation of ANSI/TIA 664-802-B-2007): 2/1/2013

ANSI/TIA 664-803-B-2007 (R2013), Wireless Features Description: Network Services (reaffirmation of ANSI/TIA 664-803-B-2007): 2/1/2013

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

### **Reaffirmation**

ANSI/UL 636-2008 (R2013), Standard for Safety for Holdup Alarm Units and Systems (reaffirmation of ANSI/UL 636-2008): 1/31/2013

### **Revision**

ANSI/UL 1581-2013, Reference Standard for Safety for Electrical Wires, Cables, and Flexible Cords (revision of ANSI/UL 1581-2011): 1/30/2013

\* ANSI/UL 2021-2013, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2010a): 1/30/2013

# 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](http://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)**

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Suite 301  
Arlington, VA 22203-1633

**Contact:** *Cliff Bernier*

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**E-mail:** [CBernier@aami.org](mailto:CBernier@aami.org)

BSR/AAMI/ISO 11663-201x, Quality of dialysis fluid for haemodialysis and related therapies **WRONG PROJ INTENT**  
SYNTAXANSI/AAMI/ISO 11663-2009 (Ed1))

Stakeholders: Users and manufacturers of dialysis equipment.

Project Need: Revision of current ANS to harmonize with ISO requirements

Specifies minimum quality requirements for dialysis fluids used in haemodialysis and related therapies.

BSR/AAMI/ISO 13958-201x, Concentrates for haemodialysis and related therapies (identical national adoption of ISO/DIS 13958 and revision of ANSI/AAMI/ISO 13958-2009)

Stakeholders: Manufacturers and users of dialysis equipment.

Project Need: Revision of current ANS to harmonize with ISO requirements.

Specifies minimum requirements for concentrates used for haemodialysis and related therapies. For the purpose of this International Standard, "concentrates" are a mixture of chemicals and water, or chemicals in the form of dry powder or other highly concentrated media, that are delivered to the end user to make dialysis fluid used to perform haemodialysis and related therapies.

BSR/AAMI/ISO 13959-201x, Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 13959 and revision of ANSI/AAMI/ISO 13959-2009)

Stakeholders: Users and manufacturers of dialysis equipment.

Project Need: Revision of current ANS to harmonize with ISO requirements.

Specifies minimum requirements for water to be used in haemodialysis and related therapies.

BSR/AAMI/ISO 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500 and revision of ANSI/AAMI/ISO 23500-2011)

Stakeholders: Users and manufacturers of dialysis equipment.

Project Need: Revision of current ANS to harmonize with ISO requirements.

Provides dialysis practitioners with guidance on the preparation of dialysis fluid for haemodialysis and related therapies and substitution fluid for use in online therapies, such as haemodiafiltration and haemofiltration. As such, this International Standard functions as a recommended practice.

BSR/AAMI/ISO 26722-201x, Water treatment equipment for haemodialysis and related therapies (identical national adoption of ISO/DIS 26722 and revision of ANSI/AAMI/ISO 26722-2009)

Stakeholders: Manufacturers and users of dialysis equipment.

Project Need: Revision of current ANS to harmonize with ISO requirements.

Covers devices used to treat water intended for use in the delivery of haemodialysis and related therapies, including water used for: (1) the preparation of concentrates from powder or other highly concentrated media at a dialysis facility; (2) the preparation of dialysis fluid, including dialysis fluid that may be used for the preparation of substitution fluid; and (3) the reprocessing of dialysers for multiple uses.

## **B11 (B11 Standards, Inc.)**

**Office:** PO Box 690905  
Houston, TX 77269-0905

**Contact:** *David Felinski*

**E-mail:** [dfelinski@b11standards.org](mailto:dfelinski@b11standards.org); [DFelinski@plasticsindustry.org](mailto:DFelinski@plasticsindustry.org)

BSR B11.25-201x, Safety Requirements for Large Machines (new standard)

Stakeholders: Primarily aerospace industry (and large automotive) and multiple machinery manufacturers.

Project Need: There remains a need for a safety standard that addresses the hazards of very large machines, the kind that allow personnel entry during operation

This standard applies to machines with a work envelope greater than two cubic meters or two meters of linear axis travel where personnel are able to gain access into the machining envelope to perform work or tasks.

**ECA (Electronic Components Association)**

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

**Contact:** Laura Donohoe

**Fax:** (571) 323-0245

**E-mail:** ldonohoe@eciaonline.org

BSR/EIA 622-B-201x, Glossary of Electrical Connector Related Terms (revision and redesignation of ANSI/EIA 622-A-2007)

Stakeholders: Electrical, electronics, and telecommunications industries.

Project Need: To revise definitions of terms related to electrical connectors used in the electronics and electrical industries.

This standard contains terminology definition used with electronic/electrical connectors.

**ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** Eliana Brazda

**Fax:** (919) 549-8288

**E-mail:** ebrazda@isa.org

BSR/ISA 12.12.01-201x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2012)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: Clarify clause 5.3 for fuses in motor circuits; clause 5.4 for disconnect switches for replaceable fuses and dust-tight constructions not requiring ingress protection by an enclosure; clause 7.1 for nonincendive circuit analysis for photovoltaic modules and panels; clauses 13.3, 13.4, and 13.5 for sealing requirements for sealed devices; and the standard's background and rationale.

This standard provides minimum requirements for the design, construction, and marking of electrical equipment or parts of such equipment for use in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations.

BSR/ISA 12.01.01-201x, Definitions and Information Pertaining to Electrical Equipment in Hazardous (Classified) Locations (revision of ANSI/ISA 12.01.01-2009)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide general guidance for safe design, installation, and maintenance of electrical equipment in hazardous (classified) locations.

This document provides definitions and information pertaining to protection techniques, terminology, and the installation of electrical equipment in hazardous (classified) locations and provides an introduction and basic background to the ISA12, Electrical Safety, series of publications and committee activities.

BSR/ISA 60079-28 (12.21.02)-2012 (R201x), Explosive Atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation (reaffirmation of ANSI/ISA 60079-28 (12.21.02)-2012)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To describe precautions and requirements to be taken when using optical radiation transmitting equipment in explosive gas atmospheres.

This standard explains the potential ignition hazard from equipment using optical radiation intended for use in explosive gas atmospheres, and also covers equipment, which itself is located outside but its emitted optical radiation enters such atmospheres.

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

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

**Contact:** Barbara Bennett

**Fax:** (202) 638-4922

**E-mail:** bbennett@ititc.org

INCITS/ISO 19117-201x, Geographic information -- Portrayal (identical national adoption of ISO 19117:2012 and revision of INCITS/ISO 19117-2005 (R2010))

Stakeholders: ICT industry.

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

ISO 19117:2012 specifies a conceptual schema for describing symbols, portrayal functions that map geospatial features to symbols, and the collection of symbols and portrayal functions into portrayal catalogues. This conceptual schema can be used in the design of portrayal systems. It allows feature data to be separate from portrayal data, permitting data to be portrayed in a dataset independent manner.

INCITS/ISO/IEC 29500-2-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 2: Open Packaging Conventions (identical national adoption of ISO/IEC 29500-2:2012 and revision of INCITS/ISO/IEC 29500-2-2009)

Stakeholders: ICT industry.

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

Open XML documents to define the structure and functionality of a package in terms of a package model and a physical model.

INCITS/ISO/IEC 29500-3-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 3: Markup Compatibility and Extensibility (identical national adoption of ISO/IEC 29500-3:2012 and revision of INCITS/ISO/IEC 29500-3-2009)

Stakeholders: ICT industry.

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

ISO/IEC 29500-3:2012 describes a set of conventions that are used by Office Open XML documents to clearly mark elements and attributes introduced by future versions or extensions of Office Open XML documents, while providing a method by which consumers can obtain a baseline version of the Office Open XML document (a version without extensions) for interoperability.

INCITS/ISO/IEC 29500-4-201x, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 4: Transitional Migration Features (identical national adoption of ISO/IEC 29500-4:2012 and revision of INCITS/ISO/IEC 29500-4-2009)

Stakeholders: ICT industry.

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

ISO/IEC 29500-4:2012 defines features for backward-compatibility and that are useful for high-quality migration of existing binary documents to ISO/IEC 29500. These features are used only by documents of conformance class WML Transitional, SML Transitional, or PML Transitional.

INCITS/ISO/IEC 29500-1:2012, Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference (identical national adoption of ISO/IEC 29500-1:2012 and revision of INCITS/ISO/IEC 29500-1-2009)

Stakeholders: ICT industry.

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

ISO/IEC 29500-1:2012 defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations, based on the Microsoft Office 2008 applications. It specifies requirements for Office Open XML consumers and producers that comply to the strict conformance category.

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

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Washington, DC 20005

**Contact:** Rachel Porter

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**E-mail:** rporter@itic.org

INCITS/ISO/IEC 11002:2008, Information technology - Multipath management API (identical national adoption of ISO/IEC 11002:2008)

Stakeholders: ICT industry.

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

ISO/IEC 11002:2008(E) is an Application Programming Interface (API) that provides management interfaces as defined in ISO/IEC 14776-453 (Information technology - Small computer system interface (SCSI) - Part 453: Primary commands-3 (SPC-3)) and common vendor-specific extensions to the standard capabilities. ISO/IEC 11002 relates to SCSI multipathing features and excludes multipathing between interconnect devices (such as Fibre Channel switches) and transport specific multipathing (such as iSCSI multiple connections per session).

INCITS/ISO/IEC 11989:2010, Information technology - iSCSI Management API (identical national adoption of ISO/IEC 11989:2010)

Stakeholders: ICT industry.

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

ISO/IEC 11989:2010(E) specifies an Application Programming Interface (API) that provides interfaces to discover and manage iSCSI resources on a system. This International Standard is applicable to vendors who deliver drivers that provide iSCSI resources to a system.

#### **NEMA (National Electrical Manufacturers Association)**

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

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**E-mail:** Steve.Griffith@nema.org

BSR/NEMA SGIC-1-201x, Smart Grid Interoperable & Conformant (SG-IC) Testing and Certification Scheme Operator Guidelines (new standard)

Stakeholders: Power equipment manufacturers, electric utilities, test labs

Project Need: Standardize management of smart grid interoperability testing

This standard will be an implementation of the governance aspects of smart grid interoperability testing as developed in the SGIP Interoperability Process Reference Manual. The objective is to identify a single scheme to manage interoperability testing in the U.S. that will work across multiple standards (regardless of source) and electric grid domains including generation, transmission, distribution, and consumer product interoperability.

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

**Office:** 341 South Patrick Street  
Alexandria, VA 22314

**Contact:** Kathleen Woods

**Fax:** (703) 549-7604

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\* BSR/OPEI B175.2-201x, ANS for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held and Backpack Blowers and Blower-Vacuums - Safety Requirements and Performance Testing Procedures (revision of ANSI/OPEI B175.2-2012)

Stakeholders: Manufacturers of outdoor power equipment, suppliers, distributors, governmental agencies, testing entities, and consumers.

Project Need: To include new language and correct and clarify some existing language.

To establish manufacturer requirements to reduce the risk of injury associated with the use of hand-held and backpack internal combustion engine-powered blowers and blower-vacuums. This standard may also be used to measure bystander sound pressure levels at 15 meters (50 feet).

#### **SCTE (Society of Cable Telecommunications Engineers)**

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Exton, PA 19341

**Contact:** Travis Murdock

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**E-mail:** tmurdock@scte.org

BSR/SCTE IPS SP 417-201x, Specification for 75 ohm MMCX Connector, Male & Female Interface (new standard)

Stakeholders: Cable Telecommunications Industry.

Project Need: Create new standard.

Specify requirements for the male/female interface of a 75-ohm, 3-GHz rated connector series generically known as MMCX. This is an indoor connector for application in controlled environment headends and hubsites where high-density platform chassis are used. (Such as for CCAP.)

**TIA (Telecommunications Industry Association)**

**Office:** 1320 North Courthouse Road, Suite 200  
Suite 300  
Arlington, VA 22201

**Contact:** *Teesha Jenkins*

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ANSI/TIA 472E000-2005, Standards for Indoor-Outdoor Optical Fiber Drop Cable (withdrawal of ANSI/TIA 472E000-2005)

Stakeholders: Telecom, optical fiber manufacturers, developers and users.

Project Need: Withdraw standard.

This Standard covers optical fiber communications cables intended for use in Indoor-Outdoor optical fiber applications.

ANSI/TIA 472F000-2005, Standards for Optical Fiber Drop Cable (withdrawal of ANSI/TIA 472F000-2005)

Stakeholders: Telecom, optical fiber manufacturers, developers and users.

Project Need: Withdraw standard.

This Standard covers optical fiber communications cables intended for use in outdoor and indoor/outdoor optical fiber drop applications.

ANSI/TIA 472C000-B-2005, Standards for Optical Fiber Premises Distribution Cable (withdrawal of ANSI/TIA 472C000-B-2005)

Stakeholders: Telecom, optical fiber manufacturers, developers and users.

Project Need: Withdraw standard.

This Standard covers fiber optic communications cables intended for use in the buildings of communications users.

**TUV-R (TUV Rheinland PTL, LLC)**

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Tempe, AZ 85282

**Contact:** *Jerome Novacek*

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**E-mail:** jnovacek@us.tuv.com

BSR/TUV-R 71930-01-201x, Integration and construction requirements of power conversion systems for utility-scale renewable energy power plants (new standard)

Stakeholders: Renewable energy industry; solar energy industry; utility companies; local, state, and federal agencies; photovoltaic power plant owners; fabricators of power conversion systems for utility-scale renewable energy power plants.

Project Need: There is currently no American National Standard that addresses safety and general requirements for assemblies of power conversion systems for utility-scale renewable energy power plants (RE PCS). These are either factory- or field-assembled power conversion equipment, often referred to as shelters, skids, stations, etc. which may fall under various product classifications, inspection guidelines, and/or jurisdiction review.

These requirements apply to assemblies of power conversion systems for utility-scale renewable energy power plants (RE PCS). It defines the minimum requirements for the design and fabrication of RE PCS for protection against electrical, fire, mechanical, and other hazards. Evaluation of RE PCS to this standard includes all features and functions integrated in or available for the RE PCS, or referred to in the documentation provided with the RE PCS, if such features or functions can affect compliance with the requirements of this standard. The products covered by these requirements are intended to be installed in accordance with NFPA 70: National Electrical Code (R).



# American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](http://www.ansi.org), select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at [www.ansi.org/publicreview](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at [psa@ansi.org](mailto: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](mailto:standact@ansi.org).

<b>AAMI</b> Association for the Advancement of Medical Instrumentation  4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8284 Fax: (703) 276-0793 Web: <a href="http://www.aami.org">www.aami.org</a>	<b>ASTM</b> ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9743 Fax: (610) 834-3655 Web: <a href="http://www.astm.org">www.astm.org</a>	<b>HL7</b> Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Ext 104 Fax: (734) 677-6622 Web: <a href="http://www.hl7.org">www.hl7.org</a>	<b>SCTE</b> Society of Cable Telecommunications Engineers 140 Philips Rd. Exton, PA 19341 Phone: (610) 594-7308 Fax: (610) 363-7133 Web: <a href="http://www.scte.org">www.scte.org</a>
<b>ADA (Organization)</b> American Dental Association  211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: <a href="http://www.ada.org">www.ada.org</a>	<b>AWS</b> American Welding Society 8669 Doral Blvd. Suite 130 Doral, FL 33166 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: <a href="http://www.aws.org">www.aws.org</a>	<b>ISA (Organization)</b> ISA-The Instrumentation, Systems, and Automation Society  67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9213 Fax: (919) 549-8288 Web: <a href="http://www.isa.org">www.isa.org</a>	<b>TAPPI</b> 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: <a href="http://www.tappi.org">www.tappi.org</a>
<b>APSP</b> Association of Pool and Spa Professionals  2111 Eisenhower Avenue Alexandria, VA 22314 Phone: (703) 838-0083 x150 Fax: (703) 549-0493 Web: <a href="http://www.apsp.org">www.apsp.org</a>	<b>AWWA</b> American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-6303 Web: <a href="http://www.awwa.org">www.awwa.org</a>	<b>ITI (INCITS)</b> 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: <a href="http://www.incits.org">www.incits.org</a>	<b>TIA</b> Telecommunications Industry Association  1320 North Courthouse Road Suite 200 Arlington, VA 22201 Phone: (703) 907-7706 Fax: (703) 907-7727 Web: <a href="http://www.tiaonline.org">www.tiaonline.org</a>
<b>ASA (ASC S12)</b> Acoustical Society of America  35 Pinelawn Road, Suite 114E Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 390-0217 Web: <a href="http://acousticalsociety.org">acousticalsociety.org</a>	<b>B11</b> B11 Standards, Inc.  PO Box 690905 Houston, TX 77269-0905 Phone: (832) 446-6999	<b>NEMA (Cavass)</b> National Electrical Manufacturers Association  1300 North 17th Street Suite #1752 Rosslyn, VA 22209 Phone: (703) 841-3297 Web: <a href="http://www.nema.org">www.nema.org</a>	<b>TUV-R</b> TUV Rheinland PTL, LLC  2210 South Roosevelt Street Tempe, AZ 85282 Phone: (480) 966-7700 Fax: (775) 314-6458 Web: <a href="http://www.tuvptl.com/">www.tuvptl.com/</a>
<b>ASABE</b> American Society of Agricultural and Biological Engineers  2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: <a href="http://www.asabe.org">www.asabe.org</a>	<b>BHMA</b> Builders Hardware Manufacturers Association  355 Lexington Avenue New York, NY 10017 Phone: (212) 297-2126 Fax: (212) 370-9047 Web: <a href="http://www.buildershardware.com/">www.buildershardware.com/</a>	<b>NSF</b> NSF International  789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-6819 Fax: (734) 827-7875 Web: <a href="http://www.nsf.org">www.nsf.org</a>	<b>UL</b> Underwriters Laboratories, Inc.  333 Pfingsten Road Northbrook, IL 60062-2096 Phone: (847) 664-2023 Web: <a href="http://www.ul.com/">www.ul.com/</a>
<b>ASC X9</b> Accredited Standards Committee X9, Incorporated  1212 West Street, Suite 200 Annapolis, MD 21401 Phone: (410) 267-7707 Fax: (410) 267-0961 Web: <a href="http://www.x9.org">www.x9.org</a>	<b>CEA</b> Consumer Electronics Association  1919 S. Eads St. Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4192 Web: <a href="http://www.ce.org">www.ce.org</a>	<b>OEOSC (ASC OP)</b> Optics and Electro-Optics Standards Council  35 Gilbert Hill Rd. Chester, CT 06412 Phone: 860-878-0722 Fax: 860-555-1212 Web: <a href="http://www.optstd.org/index.htm">www.optstd.org/index.htm</a>	
<b>ASME</b> American Society of Mechanical Engineers  Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: <a href="http://www.asme.org">www.asme.org</a>	<b>ECA</b> Electronic Components Association  2214 Rock Hill Road, Suite 170 Herndon, VA 20170 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: <a href="http://www.eciaonline.org">www.eciaonline.org</a>	<b>OPEI</b> Outdoor Power Equipment Institute  341 South Patrick Street Alexandria, VA 22314 Phone: (703) 549-7600, ext. 24 Fax: (703) 549-7604 Web: <a href="http://www.opei.org">www.opei.org</a>	



# ISO Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

## Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto: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.

### AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 2451, Cocoa beans - Specification - 5/6/2013, \$58.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 9206, Aerospace - Constant displacement hydraulic motors - General specifications - 5/4/2013, \$71.00

### GAS TURBINES (TC 192)

ISO/DIS 19372, Microturbines applications - Safety - 5/3/2013

### GRAPHICAL SYMBOLS (TC 145)

ISO 7010/CD Amd168, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign W037: Warning; Remote operator controlled machine - 4/16/2013, \$58.00

ISO 7010/CD Amd169, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign P009: No climbing for unauthorized people - 4/16/2013, \$58.00

ISO 7010/CD Amd170, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign M047: Use self-contained breathing appliance - 4/16/2013, \$58.00

ISO 7010/CD Amd171, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign M046: Secure gas cylinders - 4/16/2013, \$58.00

ISO 7010/CD Amd173, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign E035: Liferaft knife - 4/16/2013, \$58.00

ISO 7010/CD Amd174, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign E059: Escape ladder - 4/16/2013, \$58.00

ISO 7010/CD Amd175, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign E060: Evacuation chair - 4/16/2013, \$58.00

ISO 7010/CD Amd176, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign M048: Use gas detector - 4/16/2013, \$58.00

ISO 7010/CD Amd177, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign M049: Wear protective roller sport equipment - 4/16/2013, \$58.00

ISO 7010/CD Amd178, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign P039: Hot works prohibited - 4/16/2013, \$58.00

### PLASTICS (TC 61)

ISO/DIS 17223, Plastics - Determination of yellowness index and change in yellowness index - 5/9/2013

### RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 124, Latex, rubber - Determination of total solids content - 5/6/2013, \$46.00

ISO/DIS 976, Rubber and plastics - Polymer dispersions and rubber latices - Determination of pH - 5/6/2013, \$40.00

ISO/DIS 17403, Rubber - Determination of magnesium content of field and concentrated natural rubber latex by titration (cyanide-free method) - 4/16/2013, \$46.00

### STEEL (TC 17)

ISO/DIS 683-18, Heat-treatable steels, alloy steels and free-cutting steels - Part 18: Bright products of unalloyed and low alloy steels - 5/5/2013, \$107.00

### THERMAL INSULATION (TC 163)

ISO/DIS 9869-1, Thermal insulation - Building elements - In-situ measurement of thermal resistance and thermal transmittance - Part 1: Heat flow meter method - 5/9/2013

### TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 17217-1, Traditional Chinese medicine - Ginseng seeds and seedlings - Part 1: Panax ginseng CA Meyer - 5/6/2013

## ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-12/DAmD1, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 1: Various enhancements including support for large metadata - 5/9/2013

ISO/IEC 14496-26/DAmD3, Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Amendment 3: Conformance for Low Delay AAC v2 profile - 5/9/2013

ISO/IEC CD 24759, Information technology - Security techniques - Test requirements for cryptographic modules - 5/5/2013, \$165.00

ISO/IEC DIS 29121, Information technology - Digitally recorded media for information interchange and storage - Data migration method for DVD-R, DVD-RW, DVD-RAM, +R, and +RW disks - 4/30/2013, \$67.00



# Newly Published ISO Standards

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

## **AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO 17715:2013, Flour from wheat (*Triticum aestivum* L.) -  
Amperometric method for starch damage measurement, \$98.00

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

ISO 16610-85:2013, Geometrical product specifications (GPS) -  
Filtration - Part 85: Morphological areal filters: Segmentation,  
\$135.00

## **GAS CYLINDERS (TC 58)**

ISO 21007-2:2013, Gas cylinders - Identification and marking using  
radio frequency identification technology - Part 2: Numbering  
schemes for radio frequency identification, \$181.00

## **PALLETS FOR UNIT LOAD METHOD OF MATERIALS HANDLING (TC 51)**

ISO 445:2013, Pallets for materials handling - Vocabulary, \$218.00

## **PLASTICS (TC 61)**

ISO 472:2013, Plastics - Vocabulary, \$120.00

## **ROLLING BEARINGS (TC 4)**

ISO 3228:2013, Rolling bearings - Cast and pressed housings for  
insert bearings - Boundary dimensions and tolerances, \$104.00

## **SMALL CRAFT (TC 188)**

ISO 16147/Amd1:2013, Small craft - Inboard diesel engines - Engine-  
mounted fuel and electrical components - Amendment 1, \$20.00

## **TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO 3776-2:2013, Tractors and machinery for agriculture - Seat belts -  
Part 2: Anchorage strength requirements, \$70.00

## **ISO/IEC JTC 1, Information Technology**

ISO/IEC 17963:2013, Web Services for Management (WS-  
Management) Specification, \$285.00

ISO/IEC 19794-11:2013, Information technology - Biometric data  
interchange formats - Part 11: Signature/sign processed dynamic  
data, \$126.00

# Registration of Organization Names in the United States

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

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

## PUBLIC REVIEW

Ehds 01 11 2001

Public Review: November 30, 2012 to February 27, 2013

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

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

# Proposed Foreign Government Regulations

## Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

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

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](mailto:jgarner@itic.org). Visit [www.INCITS.org](http://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](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### American Brush Manufacturers Association (ABMA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Brush Manufacturers Association (ABMA), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ABMA-sponsored American National Standards, effective February 5, 2013. For additional information, please contact: Mr. David Parr, Executive Director, American Brush Manufacturers Association, 736 Main, Suite 7, Durango, CO 81301; phone: 630.258.4771; Email: [dparr@abma.org](mailto:dparr@abma.org).

## ANSI-ASQ National Accreditation Board

### ISO/IEC 27001 Information Security Management Systems

#### Notice of Accreditation

#### Certification Body

#### UL DQS, Inc.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ISO/IEC 27001 Information Security Management Systems:

#### UL DQS, Inc.

1130 W. Lake Cook Road, Suite 340  
Buffalo Grove, IL 60089

Web: <http://ul-dqsusa.com>

Michael Caruso

Phone: 631-271-6200

E-mail: [michael.j.caruso@us.dl-uqs.com](mailto:michael.j.caruso@us.dl-uqs.com)

# ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

## Reaccreditation

ERM CVS, Ltd.

**Comment Deadline: March 11, 2013**

In accordance with the following ISO standards:

ISO 14065:2007, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

### ERM CVS, Ltd.

2nd Floor, Exchequer Court  
33 St. Mary Axe  
London EC3A 8AA  
United Kingdom

On 2013-02-03, the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted, via online ballot, to approve reaccreditation for ERM CVS Ltd. for the following:

Verification of assertions related to GHG emission reductions & removals at the organizational level

01. General
02. Manufacturing
03. Power Generation

Please send your comments by March 11, 2013 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [abowles@ansi.org](mailto:abowles@ansi.org).

# ANSI Accreditation Program for Third Party Product Certification Agencies

## Initial Application

Corporacion Centro De Investigacion y Desarrollo  
Tecnologico Del Sector Electrico (CIDET)

**Comment Deadline: March 11, 2013**

Mr. Juancamilo Cordoba  
Senior Professional, Product Certification  
**Corporacion Centro De Investigacion y Desarrollo  
Tecnologico Del Sector Electrico (CIDET)**  
Carrera 46 56-11 Piso 13, Medellin, Colombia  
Phone: 4 2931211  
Fax: 4 2930460  
E-mail: [juancamilo.cordoba@cidet.org.co](mailto:juancamilo.cordoba@cidet.org.co)  
Web: [www.cidet.com.co](http://www.cidet.com.co)

Corporacion Centro De Investigacion y Desarrollo  
Tecnologico Del Sector Electrico (CIDET) has applied for ANSI accreditation for the following:

### Electrical Products

Please send your comments by March 11, 2013 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](mailto: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](mailto:njackson@ansi.org).

# International Organization for Standardization (ISO)

## Change in Administration

### ISO/TC 67/SC 4 – Drilling and production equipment

The American Petroleum Institute (API) has officially informed ANSI of its interest in relinquishing its administration of the following ISO committee secretariat on behalf of ANSI:

- ISO/TC 67/SC 4 (Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries - Drilling and production equipment).

Following consultations with relevant US stakeholders, NACE International has expressed interest in assuming the administration of this secretariat on behalf of ANSI, and NACE International has signed the appropriate Memorandum of Agreement with ANSI to this effect.

Any questions or concerns can be directed to ANSI's ISO Team at [isot@ansi.org](mailto:isot@ansi.org).

## New Work Item Proposals

### Guidelines for Promoting the Assimilation of Management Standards

**Comment Deadline: February 22, 2013**

SII (Israel) has submitted to ISO a new work item proposal on Guidelines for promoting the assimilation of management standards with the following scope statement:

This Standard brings provides guidelines for the promotion of assimilation of management Standards in organizations. The guidelines offer a process of promoting assimilation on a national level and on the branch sector level, and specifies the ways of realization of this process.

These guidelines are not mandatory requirements, however they are intended to assist in the promotion of the assimilation of management standards in organizations. This Standard is applicable for all types of management standards since it is has an all-inclusive approach and is universal in its essence.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: [isot@ansi.org](mailto:isot@ansi.org) with submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, February 22, 2013.

## Management Consultancy

### Comment Deadline: March 15, 2013

UNI (Italy) has submitted to ISO the attached new work item proposal on Management Consultancy with the following scope statement:

To prepare an ISO standard for organizations providing management consultancy services, working out guidelines for the effective delivery of management consultancy services.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: [isot@ansi.org](mailto:isot@ansi.org) with submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, March 15, 2013.





# Acoustical Society of America

OFFICE OF THE  
STANDARDS SECRETARIAT

Susan Blaeser  
Standards Manager

35 Pinelawn Road, Suite 114 E, Melville, NY 11747

Telephone (631) 390-0215  
Fax (631) 390-0217  
E-mail [asastds@aip.org](mailto:asastds@aip.org)

## Proposed changes in BSR/ASA S12.9-201x/Part 1 Quantities and Procedures for Description and Measurement of Environmental Sound - Part 1: Basic Quantities and Definitions

This draft will be recirculated to ASC S12, Noise, for approval with the following technical and editorial changes. Changes are indicated in red with additions indicated by underlining and deletions indicated by ~~striketrough~~. Unmarked text is provided for context only.

### Introduction

This standard describes basic quantities and general procedures for assessment of sound with respect to community response. Research on the ways in which people and communities are affected by common everyday noises in the environment has led to a variety of measures for assessment of different types of noise. The variety of measures has introduced some confusion about the relationship among the measures and their applicability for specific purposes. This standard defines consistent measures for physical quantities that may be used to measure and assess environmental sound.

Time-average A-weighted sound level is adopted in this standard as a basic quantity for all community sound except high-energy impulsive sound. A C-weighted sound exposure level is used to describe high-energy impulsive sounds such as blasts or sonic boom, and it may be used to describe other low-frequency sound sources such as industrial processes, transportation sources and electric power generating facilities. The Annex provides information concerning some of the basic quantities that have been used to describe certain environmental sounds.

### 2 Normative References

(Additions & corrections only)

ANSI S1.4-1983 (R 2006) American National Standard Specification for Sound Level Meters

ANSI S1.4A-1985 (R 2006), Amendment to American National Standard Specification for Sound Level Meters

ANSI/ASA S12.9-2005/Part 4 (R 2012) American National Standard Quantities and Procedures for Description and Measurement of Environmental Sound, Part 4: Noise Assessment and Prediction of Long-term Community Response

IEC 60942 Ed. 3.0 b:2003 Electroacoustics - Sound calibrators

### 4.1.3. Data-logging devices

A variety of data-logging (data-sampling) devices may be used to obtain periodic samples of exponential-time-weighted or time-average sound level at sampling rates that meet or exceed those in 3.1.11 or 3.1.12 for percentile level or time above. The instrument shall meet the acoustical and electrical performance requirements of IEC 61672-1:2002 or ANSI S1.4A-1985, as appropriate. The type designation shall be specified. The discrete sound level "bins" of a statistical distribution analyzer shall be not larger than 5 dB.

Instrumentation described in 4.1.1 is preferred for measuring noise having impulsive, fluctuating, or cyclic character.

Instrument control settings should be set so that the dynamic range is large enough and the inherent electrical noise is low enough for the intended application.

The C-frequency weighting and instrumentation described in 4.1.1 ~~shall~~ ~~should~~ be used for large amplitude impulsive sounds (see ANSI S12.7-1986 (R 2006)), and may be used in evaluating and describing the sound from other low-frequency noise sources such as industrial, transportation, or electric power generation facilities.

NOTE Procedures for determining time-average sound level using conventional sound level meters and other non-integrating instruments are described in ANSI/ASA S1.13-2005 (R 2010).

#### **4.2.1 General**

All instruments shall be calibrated in accordance with the manufacturer's instructions. ~~Calibration time intervals shall be no greater than those recommended by the manufacturer or as prescribed by authorities responsible for the use of the measurement results. For guidance on calibration intervals, consult ILAC-G24 / OIML D 10, Edition 2007 "Guidelines for the determination of calibration intervals of measuring instruments. (See Bibliography [1].)~~

#### **4.2.3. Calibrators**

An acoustical calibrator for determining or checking the acoustical sensitivity of a sound-measurement system ~~shall produce the calibrated sound pressure level in the coupler of the cavity within  $\pm 0.4$  dB when used with a type M laboratory standard microphone under the reference atmospheric conditions of 101.3 kPa, 20 degrees Celsius, and 65 percent relative humidity (see ANSI/ASA S1.40-2006 (R 2011)). Appropriate adjustments shall be included for microphones other than type M and for environmental conditions other than the reference atmospheric conditions meet the corresponding Class or Type for precision of sound measuring system found in either ANSI/ASA S1.40-2006 (R 2011) or IEC 60942:2003.~~

#### **A.3 Long-term environments**

Day-night average sound level may be used to describe long-term environments for purposes of community noise assessment and land use planning. Time-average sound level over specified hours may also be used for this purpose. Time above and percentile levels mainly have been used in the past to describe airport noise and vehicular noise, respectively. However, time-integrated quantities such as day-night average sound level and time-average sound level are preferred.

#### **A.4 Special sound measurement situations**

For certain specific applications, such as communications disruption in classrooms or resource management in protected natural areas, specific quantities such as time above may be appropriate either alone or in conjunction with another quantity such as time-average sound level.

#### **BIBLIOGRAPHY**

- [1] ILAC-G24 / OIML D 10, Edition 2007 "Guidelines for the determination of calibration intervals of measuring instruments". [https://www.ilac.org/documents/ILAC\\_G24\\_2007.pdf](https://www.ilac.org/documents/ILAC_G24_2007.pdf)

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

## NSF/ANSI Standard for Plastics –

### Plastics piping system components and related materials

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**Table 10 – PE-water, PE-gas and PB pipe and tubing test frequency**

Test	PEX tubing	PE pipe (water)	PE pipe (gas)	PB pipe	PE pipe (storm sewer)
bent tube hydrostatic sustained pressure (hot and cold)	annually	—	—	—	—
burst pressure <sup>1,9</sup>	24 h <sup>11</sup>	24 h <sup>9</sup>	24 h <sup>9</sup>	24 h <sup>9</sup>	—
degree of crosslinking (gel content) <sup>10</sup>	weekly	—	—	—	—
Dimensions					
pipe OD or ID	2 h	2 h	2 h	2 h	2 h
pipe wall thickness (minimum and maximum)	2 h	2 h	2 h	2 h	2 h
elevated temperature sustained pressure 80 °C (176 °F)	—	annually	—	—	—
elongation (microtensile) <sup>2</sup>	—	—	—	annually	—
environmental stress crack resistance	annually	annually	—	—	—
excessive temperature and pressure capability of tubing and pipe <sup>3</sup>	annually	—	—	annually	—
sustained pressure	annually	—	—	annually	—
chemical resistance	—	—	annually	—	—
elevated temperature service	—	—	annually	—	—
apparent tensile at yield or quick burst	—	—	annually	—	—
melt index	—	—	annually	—	—
Squeeze off	—	—	annually	—	—
thermal stability	—	—	annually	—	—

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Test	PEX tubing	PE pipe (water)	PE pipe (gas)	PB pipe	PE pipe (storm sewer)
inside surface ductility	—	—	annually	—	—
density	—	—	annually	—	—
stiffness					annually
flattening					annually
impact					weekly
product standards	ASTM F 876 ASTM F 877 CSA B137.5	ASTM D 2104 ASTM D 2239 ASTM D 2447 ASTM D 2737 ASTM D 3035 ASTM F 714 CSA B137.1 <sup>8</sup> AWWA C901 <sup>4</sup> AWWA C906 <sup>5</sup>	ASTM D 2513 <sup>7</sup> CSA B137.4 <sup>6</sup>	ASTM D 2666 ASTM D 3309 CSA B137.8	ASTM F 2306

<sup>1</sup> If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

<sup>2</sup> Applies to ASTM D 2666 and D 3309 as referenced in 2 of this Standard.

<sup>3</sup> Applies to ASTM D 3309 and F 877 as referenced in 2 of this Standard.

<sup>4</sup> Pipe and tubing compliant to AWWA C901 shall have the option of following the QC requirements of AWWA C901 in place of Table 10.

<sup>5</sup> Pipe and tubing compliant to AWWA C906 shall follow the QC requirements of AWWA C906.

<sup>6</sup> Pipe compliant to CSA B137.4 shall meet the QC requirements of table 4 of CSA B137.4.

<sup>7</sup> Pipe compliant to ASTM D2513 shall meet the QC requirement of table A3.2 of ASTM D2513.

<sup>8</sup> Burst Pressure is not required for pipe listed to CSA B137.1.

<sup>9</sup> Burst Test for pipe sizes 24-63" are tested once per week.

<sup>10</sup> Degree of crosslinking samples shall be taken from normal production after the point in the process where the crosslinking reaction is nominally complete.

<sup>11</sup> Daily burst testing for PEX tubing shall be conducted for each material being extruded at either 180 °F or 200 °F depending on the temperature specified by the manufacturer.

— concluded —

**Reason: Added footnote for PEX tubing per 2011 Plastics and RV Plumbing Components Joint Committee meeting (July 26, 2011). The wording was clarified that the temperatures are set by the manufacturer, not the testing agency.**

## BSR/UL 2595, Standard for General Requirements for Battery-Powered Appliances

### 1. The Proposed First Edition of the Standard for General Requirements for Battery-Powered Appliances, UL 2595.

1.10 This standard does not apply to the safety of battery chargers themselves. However, this standard covers the safe functioning ~~functional safety~~ of lithium-ion battery systems.

3.30.1 NO LOAD - Operation of the appliance with no additional loading being applied external to the appliance.

3.41 VENTING - Condition that occurs, when a cell releases excessive internal pressure intended by design to preclude explosion.

6.3 Battery-Appliances shall be marked with "WARNING - To reduce the risk of injury, user must read instruction manual" or the equivalent.

7.6 The instruction manual shall contain the following information:

- a) Instructions regarding battery charging, temperature limits for appliance and battery use and storage, and the recommended temperature range for charging.
- b) For a battery-operated appliance intended for use with a detachable battery pack or a separable battery pack: instructions indicating the appropriate battery packs for use, such as by a catalog number, series identification or the equivalent.
- c) Instructions indicating the appropriate charger for use, such as by a catalog number, series identification or the equivalent.
- d) A warning shall be provided against modifying or attempting to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
- e) A warning shall be provided for a battery-operated appliance provided with a detachable battery pack or a separable battery pack indicating the following: "For use only with \_\_\_\_ battery (battery pack, etc.)," or the equivalent. The battery pack may be identified by a catalog number, a series identification, or the equivalent.
- f) A warning shall be provided for a battery-operated appliance provided with an integral battery, a detachable battery pack or a separable battery pack indicating the following: "For use only with \_\_\_\_ charger," or the equivalent. The charger may be identified by a catalog number, series identification, or the equivalent.
- g) For an appliance provided with a quick release system for a battery harness as required in 16.6 ~~16.7~~, instructions regarding the operation of the quick release system.

8.6 In the test of 8.4, contact with the test probe is determined with all detachable parts removed and the battery-appliance operated in any possible position of normal use.

**Table 9.4**  
**Maximum outside surface temperature rises**

Parts	Temperature rise
	K
1. External enclosure, except handles held in normal use	60
2. Handles, knobs, grips, and the like which, in normal use, are continuously held or in continuous contact:	
—Of metal	30
—Of porcelain or vitreous material	40
—Of molded material, rubber or wood	50
3. Handles, knobs, grips, and the like which, in normal use, are held for short periods	

only (e.g. switches):		
	–Of metal	35
	–Of porcelain or vitreous material	45
	–Of molded material, rubber or wood	60

**Table 9.1**  
**Maximum outside surface temperature rises, K**

<u>Location</u>	<u>Composition of surfaces<sup>a</sup></u>		
	<u>Metallic</u>	<u>Nonmetallic</u>	<u>Porcelain or Vitreous material</u>
1. Handles, knobs, grips, and the like which, in normal use, are continuously held or in continuous contact.	<u>25</u>	<u>35</u>	<u>30</u>
2. Handles, knobs, grips, and the like which, in normal use, are held for short periods only (e.g. selector switches and adjustments).	<u>35</u>	<u>60</u>	<u>45</u>
3. Other accessible external surfaces subject to casual contact.	<u>45</u>	<u>70</u>	<u>55</u>
<sup>a</sup> A handle, knob or the like made of a material other than metal that is plated or clad with metal, having a thickness of 0.005 in (0.13 mm) or less, is judged as a nonmetallic part.			

10.5 For batteries employing series configurations, the test is repeated with a deliberately imbalanced battery. The imbalance is introduced into a fully discharged battery by charging one cell to restoring approximately 50% of full charge ~~to one cell~~.

11.1.3 The battery operated appliance, battery pack, and the cords of 11.1.6 (d) and (e), as appropriate, are placed on a soft wood surface covered by two layers of tissue paper; the sample is covered by one layer of untreated 100% cotton medical gauze or cheesecloth. For the tests b), c) and f), ~~the~~ the appliance is operated at no-load. The test is conducted until failure or until the test sample returns to room temperature or, if neither of these occurs, until at least 3 h has elapsed. A new sample may be used for each fault listed below. No explosion shall occur during or after the test. There shall be adequate protection against electric shock as defined in Protection Against Electric Shock, Section 8. No charring or burning of the medical gauze, cheesecloth or tissue paper shall result. Venting of the cells is permitted. See Indent F in Table D1.1.

11.1.5 Fuses, thermal cut-outs, thermal links, temperature limiters, electronic devices or any component(s) or conductor(s) that and intentionally weak parts employed to interrupt the discharge current may operate during the above tests. If these devices are relied upon to pass the test, then, the same test is to be repeated two more times, using two additional samples, and shall open the circuit in the same manner, unless the test is otherwise satisfactorily completed unless the test is repeated with the device bypassed. ~~Alternatively, the test may be repeated with the open-circuited device bridged.~~ However, protective ~~Electronic~~ Electronic circuits whose function is that are relied upon to pass a test shall be regarded as providing ~~evaluated~~ evaluated as a safety critical function and comply with ~~by~~ Abnormal Operation - Safety Critical Function Circuits, Section 11.6 with a PL = a. If a user adjustable temperature limiter operates, the test ~~shall will~~ be repeated with the temperature limiter set to the most unfavorable setting and then repeated at this setting with two additional samples.

11.1.6 The abnormal conditions are as follows:

- a) Combinations of exposed terminals of a detachable battery pack are shorted so as to produce the worst result. Battery pack terminals that can be contacted using either test probe of Figure 8.1 or Figure 11.1 are considered exposed. The means of shorting shall not attain excessive temperatures so as to char or ignite the tissue paper or gauze.
- b) The terminals of each motor or other electrical load are shorted one at a time.

- c) The rotor of each motor is locked one at a time.
- d) Any cord provided between the separable battery pack and the battery appliance shall be shorted at the point likely to produce the most adverse effects.
- e) Any cord provided between the appliance and the charger shall be shorted at the point likely to produce the most adverse effects.
- f) A short is introduced between any two uninsulated parts of opposite polarity not in accordance with the spacings given in Creepage Distance, Clearances, and Distances Through Insulations, Section 20 unless this has been evaluated to Abnormal Operation - electronic Circuit Evaluations, Section 11.2. A circuit analysis may be used to determine where a short shall or shall not be applied. The test is not conducted on uninsulated parts that are encapsulated.

~~11.1.7 An intentionally weak part is a part intended to fail under conditions of abnormal operation so as to prevent the occurrence of a condition which could impair compliance with this standard. Such a part may be a replaceable component, such as a resistor, a capacitor, or a thermal link, or a part of a component to be replaced, such as an inaccessible and non-resettable thermal cut-out incorporated in a motor.~~

11.2.6 If a circuit fulfills the requirements of a low power circuit as described in Appendix B and there is no risk of electric shock or loss of a safety critical function as defined in Safety Critical Function Circuits, 11.6, then this evaluation is not performed.

11.2.7 If the circuit is encapsulated with an insulating material with a minimum thickness of 0.5 mm (0.02 in), and there is no risk of loss of a safety critical function, then the circuit may be evaluated by open-circuiting of any connection and short-circuiting of any two connections to the encapsulated circuit. Encapsulation is not necessary to fully cover electrolytic capacitors. (In general, encapsulation effectively limits the likelihood of the spread of fire within the encapsulated circuit. Electrolytic capacitors often require an unobstructed surface to allow venting under fault conditions.)

11.2.8 Fuses, thermal cut-outs, thermal links, ~~and temperature limiters~~ electronic devices or any component(s) or conductor(s) that interrupt the discharge current ~~other portions of the electronic circuit~~ may operate during the above tests provided at least one of the following is fulfilled:

- a) The same test is to be repeated and passed two more times, using two additional samples;
- b) If a user adjustable temperature limiter operates, the test shall be repeated with the temperature limiter set to the most unfavorable setting and then repeated at this setting with two additional samples;
- c) The appliance withstands the test with the fuse, thermal cut-out or thermal link or other portions of the electronic circuit bridged; or
- d) If a certified fuse-link operated, the appliance withstands the test of 11.4.1.

11.8.2 The test is conducted with all the cells of the battery fully charged and one cell fully discharged. A detachable or separable battery pack is placed on a soft wood surface covered by two layers of tissue paper; and covered by one layer of untreated 100% cotton medical gauze or cheesecloth. An appliance containing an integral battery is placed on a soft wood surface covered by two layers of tissue paper; and covered by one layer of untreated 100% cotton medical gauze or cheesecloth.

11.8.5 Fuses, thermal cut-outs, thermal links, temperature limiters ~~electronic devices or any component(s) or conductor(s) that and intentionally weak parts employed~~ to interrupt the discharge current may operate during the above tests. If these devices are relied upon to pass the test, the same test is to be repeated two more times, using two additional samples, and shall open the circuit in the same manner, unless the test is otherwise satisfactorily completed. Alternatively, the test may be repeated with the open-circuited device bridged.

11.9.2 The battery is placed on a soft wood surface covered by two layers of tissue paper and the sample is covered by one layer of untreated 100 % cotton medical gauze and charged at a rate of 10 times the  $C_5$  rate for the battery for 1.25 h. There shall be no fire or explosion and no charring or burning of the gauze or tissue paper. Charring is defined as a blackening of the gauze caused by combustion. Discoloration of the gauze caused by smoke is acceptable. Venting of the cells is acceptable.



15.6 Following the tests of 15.2 and 15.3, the ~~battery~~ appliance shall comply with the applicable end product requirements with respect to exposure of moving parts capable of causing risk of injury and the appliance and battery pack shall not catch fire or explode and shall comply with:

- a) The requirements of Protection Against Electric Shock Section 8, and 20.3 and;
- b) Either 11.1.6 (f) or 20.1.

~~16.6 A double shoulder harnesses or belt harness for mounting a battery pack shall comply with requirements in 16.7 and 16.8.~~

16.7 A double shoulder harness or ~~other belt~~ harness for mounting a separable battery pack on the user's back shall be furnished with a quick release system. Either the design of the harness or the use of the quick release mechanism shall assure that the battery pack or harness with the battery pack can be readily released quickly with a single motion by the user in the event of an emergency. The quick release system shall be accessible and operable in all modes of operation and configurations of the harness and battery system as specified in 7.6 (a g). The system shall be checked by a single functional test with a person wearing the harness as specified in 7.6 (g). The harness need not be reusable after the release system has been tested. It is understood that the fault conditions of Section 11 that may result in fire of the battery pack also create preceding notification behavior (e.g. such as "no operation") of the appliance that is evident to the user.

~~16.8 For a battery pack that is fastened to the user during operation by a harness system, the polymeric battery enclosure shall be classed minimum V-0 in accordance with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94 or be determined to meet this flammability rating by the end product flame test in accordance with the Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C. Alternatively, a harness constructed of fabric that totally encloses the battery pack and serves as the outer enclosure, shall comply with the above flammability requirements.~~

17.3 Different parts of a battery operated appliance that can move relative to each other in normal use, during adjustment, operation, or during user maintenance where the wiring does not carry hazardous voltage in normal use or adjustment shall be conditioned as in a) or b) below. Following the test, the appliance and battery pack shall not catch fire or explode and shall comply with the requirements in Protection Against Electric Shock, Section 8; Mechanical Hazards, Section 12; and either 11.3.1 (a) or 20.1 and any provisions to protect against mechanical hazards in the end product standard.

- a) Be conditioned as described in the end-product standard if such conditioning is provided.
- b) If no flexing conditions exist in the end product standard, then the movable part is moved backwards and forwards, so that the conductor is flexed through the largest angle allowed by the construction, the rate of flexing being a minimum of 6 per minute. The number of flexings is:
  - 1) 10,000 for conductors/connections flexed during normal use;
  - 2) 2,000 for conductors/connections flexed during adjustments; or
  - 3) 100 for conductors/connections flexed during user maintenance.

18.4 Compliance with 18.1 for all power switches is checked by subjecting a switch to 6,000 cycles of operation making and breaking the current encountered in the fully charged ~~battery~~ appliance operated at no-load. The switch is operated at a uniform rate of 30 operations per minute. During the test the switch shall operate correctly. After this test, the power switch shall have no electrical or mechanical failure. If the switch operates properly in the on and off positions at the end of the test, it is considered to have no mechanical or electrical failures.

18.8 External chargers or power units shall comply with the following as applicable:

- a) The Standard for Power Units Other Than Class 2, UL 1012;
- b) The Standard for Class 2 Power Units, UL 1310; or
- c) The Standard for Information Technology Equipment, Part 1: General Requirements, UL 60950-1.

18.9 For appliances with integral batteries where the battery is charged by a separate power unit shall not exceed the rated output current or power of the charger or power unit when measured after 1 hour or



90% of the recommended charging time, whichever is shorter. The appliance shall be charged with an initially discharged battery and with the appliance off.

19.1 A battery supply ~~cable cord~~ or other external flexible cord intended to be permanently attached to a battery-operated appliance shall be provided with strain relief and tested to the cord pull requirements and any cord torque requirement related to the attachment of the cord in accordance with the requirements of the end-product standard. In addition the cord shall be subjected to any cord flexing requirements of the end-product standard.

*Exception: Strain relief need not be provided if the application of stress to the terminals is not likely to increase the risk of electric shock, fire, or personal injury in accordance with the requirements of the end-product standard.*

19.2 A battery supply ~~cable cord~~ or other external flexible cord intended to be attached to a separable battery pack shall be subjected to 10 pulls of three times the weight of the separable battery pack, but not less than 156 N (35 lbf) or more than 220 N (49 lbf). The pulls are applied for 1 minute each in the most unfavorable direction. After this conditioning, a torque of 0.35 Nm (0.26lbf•ft) is applied as close as possible to the separable battery pack, unless the cord is on a reel. During the tests there shall be no appreciable strain imparted to the internal connections.

19.3 For a battery supply ~~cable cord~~ or other external flexible cord intended to be attached to a separable battery pack where there is flexing of the ~~cable cord~~ in normal use, the separable battery pack is fixed in an oscillating member of an apparatus that permits movement from - 45 degrees to + 45 degrees about the vertical. A mass equal to that of the battery pack, but not less than 2 kg (4.4 lb) or more than 6 kg (13.2 lb), is attached to the cord approximately 300 mm (11 in) from the center of rotation. The cord is flexed 10,000 times and the rate of flexing is 60 per min. A flexing is one movement, either backwards or forwards through 90 degrees. After 5,000 flexings, the sample is turned through 90° about the center line of the cord exit. After the tests there shall be no separation of the conductor from its terminal or a breakage of more than 10% of the strands of any conductor.

**Table 20.1**

**Minimum creepage distances and clearances between parts of opposite polarity**

≤ 15 V				> 15 V and ≤ 32 V				> 32 V			
Creepage distance		Clearance		Creepage distance		Clearance		Creepage distance		Clearance	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
- 0.03	- 0.08	0.03	0.8	- 0.06	- 1.5	0.06	1.5	0.08	2.0	0.06	1.5

21.2.1 To fulfill the requirements of 21.1.7 and/or 21.1.8, ~~external parts of non-metallic thermoplastic material provided as an enclosure~~, the deterioration of which might cause the battery operated appliance or battery pack to fail to comply with this standard, shall be sufficiently resistant to heat as evaluated by 21.2.2.

## **25 USB**

25.1 Battery packs with a USB output for recharging or powering electronic devices shall comply with a Low-Power Circuit as determined by Appendix B. normal and reverse polarity of the power supply conductors.

## **BSR/UL 213, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service, UL 213**

### **1. Addition of Requirements for Standard Grooves**

5.4 STANDARD GROOVES - Dimensions of the pipe, fitting, or valve end specified by the rubber gasketed fitting manufacturer that complies with the dimensions of Fire protection - Automatic sprinkler systems - Part 12: Requirements and test methods for grooved-end components for steel pipe systems, ISO 6182-12, for cut, rolled and cast grooves, intended for use with a groove type rubber gasketed fitting to join pipe, fittings, or valves, fittings, or valves.

5.5 NON-STANDARD GROOVES (Proprietary Grooves) - Dimensions of the grooved end of pipe, fittings or valves specified by the rubber gasketed fitting manufacturer that differ by dimension or tolerance from Standard Groove Dimensions. These other proprietary grooves are intended for use with specific rubber gasketed fittings to join grooved end pipe, fittings or valves having dimensionally compatible proprietary grooves.

7.2 Rubber gasketed fittings intended for use with cut or rolled groove pipe are to be tested with the specific pipe type and pipe having the minimum wall thickness and groove dimensions specified by the manufacturer.

17.1 The housing of a rubber gasketed fitting shall be marked with the following, where visible after installation:

- a) Name or identifying symbol of the manufacturer or private labeler;
- b) Size of fitting;
- c) Distinctive model number or catalog designation;
- d) Equivalent Length value, in feet of pipe, for fittings intended for connection to sprinkler pipe as described in Section 16, Pipe Outlet Flow Characteristics Test, if not included in the installation and design instructions; and
- e) Bolt torque values or bolt tightening specifications, (when bolts are used) if not included in the installation and design instructions.
- f) Rubber gasketed fittings that use non-standard grooves shall be marked with the following: "NS" or "Non-Std".

17.3 The markings required by 17.1(a), (b), (c) ~~and~~, (d) and (f) shall be included in the form of legible letters and figures on the fitting casting or on an etched or stamped brass or equivalently corrosion-resistant metal nameplate permanently mounted to the fitting.

18.1 Installation and design instructions shall be provided with each shipment of fittings, and shall include at least the following items:

- a) Assembly procedure for installation of fittings with pipe;
- b) Pipe end specifications, when required, with which fitting is intended to be used including the groove designation as Standard Groove or Non-standard Groove (Proprietary Groove);

- c) Required torque value or tightening specifications for bolts (if bolts are used), when not marked on the fitting;
- d) Maximum allowable deflection for flexible fittings; and
- e) Equivalent Length value, in feet of pipe, for fittings intended for connection to sprinkler pipe as described in Section 16, Pipe Outlet Flow Characteristics Test, when not marked on the fitting.

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