

## Comment Deadline: October 4, 2009

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

#### New Standards

BSR ASSE A10.47-200x, Work Zone Safety for Highway Construction (new standard)

Covers workers engaged in construction, utility work, maintenance, or repair activities on any area of a highway.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Tim Fisher, (847) 768-3411, [TFisher@ASSE.org](mailto:TFisher@ASSE.org)

### NCEES (National Council of Examiners for Engineering and Surveying)

#### New Standards

BSR/NCEES MLSE 3-200x, Standards for Licensure as a Model Law Structural Engineer (new standard)

Covers the minimum requirements for competency as a licensed structural engineer. These standards have been vetted by the engineering community and served as a guideline for licensure for many years.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Susan Whitfield, (864) 654-6824, [susan@ncees.org](mailto:susan@ncees.org)

### NSF (NSF International)

#### Revisions

BSR/NSF 14-200x (i29), Plastics piping system components and related materials (revision of ANSI/NSF 14-2008e)

Issue 29: Adds dezincification and resistance to stress corrosion requirements in ANSI/NSF 14 with the addition of a new section, Section 5.8.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

BSR/NSF 61-200x (i88), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2008)

Issue 88: Adds a section to standard 61 that contains the requirements for testing thermal expansion tanks.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 213-200x, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2004 (R2009))

Clarifies the requirements for markings and installation instructions.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

BSR/UL 1655-200x, Standard for Community-Antenna Television Cables (revision of ANSI/UL 1655-2009)

Revises the requirements for metallic messengers.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Mitchell Gold, (847) 664-2850, [Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)

## Comment Deadline: October 19, 2009

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

#### New National Adoptions

BSR/AAMI/ISO 80369-2-200x, Small-bore connectors for liquids and gases in healthcare applications - Part 2: Connectors for breathing systems and driving gases for respiratory use (identical national adoption of ISO 80369-2)

Specifies requirements for small-bore connectors intended to be used either as an ancillary port connection in the breathing system or a respirable driving gas application of medical devices and accessories.

Single copy price: \$25.00

Obtain an electronic copy from: [hwoehrle@aami.org](mailto:hwoehrle@aami.org)

Order from: AAMI

Send comments (with copy to BSR) to: Hillary Woehrle, (703) 525-4890 x215, [hwoehrle@aami.org](mailto:hwoehrle@aami.org)

#### Supplements

BSR/AAMI/ISO 13485-2003/Amendment 1-200x, Medical devices - Quality management systems - Requirements for regulatory purposes (supplement to ANSI/AAMI/ISO 13485-2003)

Describes the text changes in ISO 9001: 2008 in relationship to the equivalent text in ISO 13485: 2003.

Single copy price: \$25.00

Obtain an electronic copy from: [hwoehrle@aami.org](mailto:hwoehrle@aami.org)

Order from: AAMI

Send comments (with copy to BSR) to: Hillary Woehrle, (703) 525-4890 x215, [hwoehrle@aami.org](mailto:hwoehrle@aami.org)

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

#### Reaffirmations

BSR S12.53/Part 2-1999/ISO 3743-2-1994 (R2004), Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (reaffirmation and redesignation of ANSI S12.53 /Part 2-1999/ISO 3743-2-1994 (R2004))

Specifies a relatively simple engineering method for determining the sound power levels of small, movable noise sources.

Single copy price: \$93.00

Obtain an electronic copy from: [asastds@aip.org](mailto:asastds@aip.org)

Order from: Susan Blaeser, (631) 390-0215, [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

Send comments (with copy to BSR) to: Same

**CSAA (Central Station Alarm Association)****New Standards**

BSR/CSAA-CS-AUD-01-200x, Audio Verification Procedures for Burglar Alarms (new standard)

Defines monitoring procedures of burglar alarms by using the addition of audio and its transmission from the protected premises for the verification of alarm activity. The goal is to reduce the instances of false dispatches.

Single copy price: Free

Obtain an electronic copy from:  
<http://www.csaaul.org/CSAAAudioVerificationProceduresDraftVer202.pdf>

Send comments (with copy to BSR) to: Louis Fiore, (703) 242-4670, [csaastandards@aol.com](mailto:csaastandards@aol.com)

BSR/CSAA CS-V-02-200x, Video Verification Procedures for Burglar Alarms (new standard)

Defines minimum practices for the installation and monitoring procedures of burglar alarms by using the addition of video and its transmission from the protected premises for the verification of alarm activity. The goal is to reduce the instances of false dispatches.

Single copy price: Free

Obtain an electronic copy from:  
<http://csaaul.org/VideoVerification121007.doc>

Send comments (with copy to BSR) to: James McMullen, (703) 242-4670, [JMCSAA@copsmonitoring.com](mailto:JMCSAA@copsmonitoring.com)

**Revisions**

BSR/CSAA CS-V-01-200x, Alarm Verification and Notification Procedures (revision of ANSI/CSAA CS-V-01-2004)

Codifies the alarm verification procedures of alarm monitoring facilities. These procedures permit authorized personnel at protected premises to identify themselves appropriately, thereby preventing emergency response agencies from responding to situations not representing an emergency situation; and to confirm or deny the validity of alarm signals received at an alarm monitoring facility.

Single copy price: Free

Obtain an electronic copy from:  
[http://www.ltfiore.com/files/ANSI\\_CSAA\\_CS\\_V\\_01\\_2004-ltf-2-02-08DRAFT.doc](http://www.ltfiore.com/files/ANSI_CSAA_CS_V_01_2004-ltf-2-02-08DRAFT.doc)

Send comments (with copy to BSR) to: Louis Fiore, (703) 242-4670, [csaastandards@aol.com](mailto:csaastandards@aol.com)

BSR/CSAA CS-CO-01-200x, Carbon Monoxide Alarm Supervising Station Response (revision of ANSI/CSAA CS-CO-01-2008)

Defines the procedure to be followed by a supervising station when a carbon monoxide detector sends an alarm signal to the supervising station. This standard defines the response to the premises for the responding authorities.

Single copy price: Free from [www.CSAAUL.org](http://www.CSAAUL.org)

Obtain an electronic copy from:  
[http://www.csaaul.org/2008\\_ANSI\\_CSAA\\_CS\\_CO.pdf](http://www.csaaul.org/2008_ANSI_CSAA_CS_CO.pdf)

Send comments (with copy to BSR) to: Louis Fiore, (703) 242-4670, [csaastandards@aol.com](mailto:csaastandards@aol.com)

**ESTA (Entertainment Services and Technology Association)****Revisions**

BSR E1.20-200x, Entertainment Technology -- Remote Device Management over USITT DMX512 (revision of ANSI E1.20-2006)

Corrects errors in the published document. ANSI E1.20 is an extension to USITT DMX512 and ANSI E1.11 that allows for bi-directional communication on the primary data link for lighting control.

Single copy price: Free

Obtain an electronic copy from:  
[http://www.esta.org/tsp/documents/public\\_review\\_docs.php](http://www.esta.org/tsp/documents/public_review_docs.php)

Order from: Karl Ruling, (212) 244-1505, [standards@esta.org](mailto:standards@esta.org)

Send comments (with copy to BSR) to: Same

**HI (Hydraulic Institute)****New Standards**

BSR/HI 9.6.3-200x, Rotodynamic Pumps - Guideline for Allowable Operating Region (new standard)

Applies to rotodynamic (centrifugal and vertical) pump types. This standard describes the effects of operating a rotodynamic pump at rates of flow that are greater or less than the rate of flow at the pump's BEP.

Single copy price: \$65.00

Obtain an electronic copy from: [kanderson@pumps.org](mailto:kanderson@pumps.org)

Order from: Karen Anderson, (973) 267-9700, [kanderson@pumps.org](mailto:kanderson@pumps.org)

Send comments (with copy to BSR) to: Same

**Revisions**

BSR/HI 5.1-5.6-200x, Sealless Rotodynamic Pumps for Nomenclature, Definitions, Application, Operation, and Test (revision of ANSI/HI 5.1-5.6-2000)

Covers types and nomenclature, definitions, design and application, installation, operation and maintenance, and test of sealless rotodynamic pumps driven by canned motors or magnetic couplings.

Single copy price: \$70.00

Order from: Denielle Starr, 973-267-9700, [dstarr@pumps.org](mailto:dstarr@pumps.org)

Send comments (with copy to BSR) to: Denielle Starr, 973-267-9700, [dstarr@pumps.org](mailto:dstarr@pumps.org)

**Reaffirmations**

BSR/HI 4.1-4.6-200x, Sealless Rotary Pumps (reaffirmation of ANSI/HI 4.1-4.6-2000)

Covers the unique features of sealless rotary pumps and includes sections on types and nomenclature; definitions; design and applications; installation, operation, and maintenance; and test. Because of the variety of rotary pump configurations available and the broad range of applications, familiarization with Hydraulic Institute Standards ANSI/HI 3.1 - 3.5, Rotary Pumps for Nomenclature, Definitions, Application and Operation, and ANSI/HI 3.6, Rotary Pump Tests, is recommended.

Single copy price: \$60.00

Obtain an electronic copy from: [kanderson@pumps.org](mailto:kanderson@pumps.org)

Order from: Karen Anderson, (973) 267-9700, [kanderson@pumps.org](mailto:kanderson@pumps.org)

Send comments (with copy to BSR) to: Same

## IESO (Indoor Environmental Standards Organization)

### New Standards

BSR/IESO 4310-200x, Portable High Efficiency Air Filtration (PHEAF) Device Field Testing and Validation Standard (new standard)

Provides minimum in-field testing requirements for portable high-efficiency air-filtration devices. These devices include vertical and horizontal PHEAF devices, movable vacuums, hand-held vacuums, and other filtered suction devices used for cleaning surfaces for the purposes of removing dust, dirt, mold, asbestos, lead, soot, and other undesired particulate and environmental contaminants.

Single copy price: Free

Obtain an electronic copy from: [klee@iestandards.org](mailto:klee@iestandards.org)

Order from: Kristy Lee, (800) 406-0256, [klee@iestandards.org](mailto:klee@iestandards.org)

Send comments (with copy to BSR) to: Same

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

### New Standards

Draft INCITS 463-200x, Information technology - Fibre Channel - Generic Services - 6 (FC-GS-6) (new standard)

Describes in detail the services accessed by well-known addresses defined in FC-FS- 3. Generic Services described in this document are:

- (a) Directory Service;
- (b) Management Service; and
- (c) Event Service.

In addition, to the aforementioned Generic Services, the Common Transport (CT) protocol is described. The Common Transport service provides a common FC-4 for use by Generic Services.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org> (or click on the link above)

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

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

### New National Adoptions

INCITS/ISO/IEC 9798-3:1998, Information technology - Security techniques - Entity authentication - Part 3: Mechanisms using digital signature techniques (identical national adoption of ISO/IEC 9798-3:1998)

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

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, [spatrick@itic.org](mailto:spatrick@itic.org); [bbennett@itic.org](mailto:bbennett@itic.org)

INCITS/ISO/IEC 10118-2:2000/Cor2:2007, Information technology - Security techniques - Hash-functions - Part 2: Hash-functions using an n-bit block cipher algorithm - Corrigendum (identical national adoption of ISO/IEC 10118-2:2000/Cor2:2007)

Specifies four hash-functions that make use of an n-bit block cipher algorithm. They are therefore suitable for an environment in which such an algorithm is already implemented.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

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INCITS/ISO/IEC 10118-3:2004/AM1:2006, Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-functions - Amendment 1: Dedicated Hash-Function 8 (SHA-224) (identical national adoption of ISO/IEC 10118-3:2004/AM1:2006)

Specifies dedicated hash-functions, i.e., specially designed hash-functions. The hash-functions in this part of ISO/IEC 10118 are based on the iterative use of a round-function. Seven distinct round-functions are specified, giving rise to distinct dedicated hash-functions.

Single copy price: \$30.00

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INCITS/ISO/IEC 11770-1:1996, Information technology - Security techniques - Key management - Part 1: Framework (identical national adoption of ISO/IEC 11770-1:1996)

Defines a general model of key management that is independent of the use of any particular cryptographic algorithm. Identifies the objective of key management, basic concepts, and key management services.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, [spatrick@itic.org](mailto:spatrick@itic.org); [bbennett@itic.org](mailto:bbennett@itic.org)

INCITS/ISO/IEC 11770-3:2008, Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques (identical national adoption of ISO/IEC 11770-3:2008)

Defines key management mechanisms based on asymmetric cryptographic techniques.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

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INCITS/ISO/IEC 11889-1:2009, Information technology - Trusted Platform Module - Part 1: Overview (identical national adoption of ISO/IEC 11889-1:2009)

Defines the Trusted Platform Module (TPM), a device that enables trust in computing platforms in general. ISO/IEC 11889-1:2009 is an overview of the TPM. It describes the TPM and how it fits into the trusted platform. ISO/IEC 11889-1:2009 describes trusted platform concepts such as the trust boundary, transitive trust, integrity measurement, and integrity reporting.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

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INCITS/ISO/IEC 11889-2:2009, Information technology - Trusted Platform Module - Part 2: Design principles (identical national adoption of ISO/IEC 11889-2:2009)

Defines the Trusted Platform Module (TPM), a device that enables trust in computing platforms in general. ISO/IEC 11889-2: 2009 defines the principles of TPM operation. These include base operating modes, cryptographic algorithms and key sizes for the algorithms, basic interoperability requirements, basic protocols and the use of the protocols, and use of TPM resources

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INCITS/ISO/IEC 11889-3:2009, Information technology - Trusted Platform Module - Part 3: Structures (identical national adoption of ISO/IEC 11889-3:2009)

Defines the Trusted Platform Module (TPM), a device that enables trust in computing platforms in general. ISO/IEC 11889-3: 2009 defines the structures and constants that enable the interoperability between TPM implementations.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, [spatrick@itic.org](mailto:spatrick@itic.org); [bbennett@itic.org](mailto:bbennett@itic.org)

INCITS/ISO/IEC 11889-4:2009, Information technology - Trusted Platform Module - Part 4: Commands (identical national adoption of ISO/IEC 11889-4:2009)

Defines the Trusted Platform Module (TPM), a device that enables trust in computing platforms in general. ISO/IEC 11889-4: 2009 defines the commands, actions of the commands, and the parameters to the commands that provide the TPM functionality.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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INCITS/ISO/IEC 13888-1:2009, Information technology - Security techniques - Non-repudiation - Part 1: General (identical national adoption and revision of INCITS/ISO/IEC 13888-1-2004)

Defines a model for non-repudiation mechanisms providing evidence based on cryptographic check values generated using symmetric or asymmetric cryptographic techniques. Non-repudiation mechanisms provide protocols for the exchange of non-repudiation tokens for non-repudiation services. Specific and additional non-repudiation services are described.

Single copy price: \$30.00

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INCITS/ISO/IEC 13888-2:1998, Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques (identical national adoption of ISO/IEC 13888-2:1998)

Provides descriptions of generic structures that can be used for non-repudiation services, and of some specific, communication related mechanisms which can be used to provide non-repudiation of origin (NRO), non-repudiation of delivery (NRD), non-repudiation of submission (NRS), and non-repudiation of transport (NRT) services.

Single copy price: \$30.00

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INCITS/ISO/IEC 13888-3:1997, Information technology - Security techniques - Non-repudiation - Part 3: Mechanisms using asymmetric techniques (identical national adoption of ISO/IEC 13888-3:1997)

Specifies mechanisms for the provision of some specific, communication related non-repudiation services using asymmetric techniques.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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INCITS/ISO/IEC 14888-1-2008, Information technology - Security techniques - Digital signatures with appendix - Part 1: General (identical national adoption and revision of INCITS/ISO/IEC 14888-1-1998 (R2005))

Specifies general principles and requirements for digital signatures with appendix.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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

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INCITS/ISO/IEC 14888-2:2008, Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms (identical national adoption of ISO/IEC 14888-2:2008)

Specifies digital signature with appendix. As no part of the message is recovered from the signature (the recoverable part of the message is empty), the signed message consists of the signature and the whole message.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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INCITS/ISO/IEC 14888-3:2006/Cor1:2007, Information technology - Security techniques - Digital signatures with appendix - Part 3: Certificate-based mechanisms - Corrigendum 1 (identical national adoption of ISO/IEC 14888-3:2006/Cor1:2007)

Specifies digital signature mechanisms with appendix whose security is based on the discrete logarithm problem. This standard provides a general description of a digital signature with appendix mechanism, and a variety of mechanisms that provide digital signatures with appendix.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [incits.org](http://incits.org)

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INCITS/ISO/IEC 14888-3:2006/Cor2:2009, Information technology - Security techniques - Digital signatures with appendix - Part 3: Certificate-based mechanisms - Corrigendum 2 (identical national adoption of ISO/IEC 14888-3:2006/Cor2:2009)

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INCITS/ISO/IEC 15946-1:2008, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General (identical national adoption of ISO/IEC 15946-1:2008)

Specifies public-key cryptographic techniques based on elliptic curves. This standard consists of five parts and includes the establishment of keys for symmetric cryptographic techniques, and digital signature mechanisms. ISO/IEC 15946-1:2008 specifically addresses the general techniques based on elliptic curves. It describes the mathematical background and specifies the general techniques necessary for implementing mechanisms based on elliptic curves defined over finite fields or pairings based on elliptic curves.

Single copy price: \$30.00

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INCITS/ISO/IEC 15946-1:2008/Cor1:2009, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General - Corrigendum 1 (identical national adoption of ISO/IEC 15946-1:2008/Cor1:2009)

Specifies public-key cryptographic techniques based on elliptic curves. This standard consists of five parts and includes the establishment of keys for symmetric cryptographic techniques, and digital signature mechanisms. ISO/IEC 15946-1:2008 specifically addresses the general techniques based on elliptic curves. It describes the mathematical background and specifies the general techniques necessary for implementing mechanisms based on elliptic curves defined over finite fields or pairings based on elliptic curves.

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INCITS/ISO/IEC 18014-1:2008, Information technology - Security techniques - Time-stamping services - Part 1: Framework (identical national adoption and revision of INCITS/ISO/IEC 18014-1:2002 (R2008))

Specifies time-stamping techniques. This standard consists of three parts, which include the general notion, models for a time-stamping service, data structures, and protocols. ISO/IEC 18014-1: 2008 describes a framework and defines the basic notion, the data structures, and protocols that are used for any time-stamping technique.

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INCITS/ISO/IEC 18033-3:2005/Cor1:2006, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 1 (identical national adoption of ISO/IEC 18033-3:2005/Cor1:2006)

Specifies encryption systems (ciphers) for the purpose of data confidentiality. ISO/IEC 18033-3:2005 specifies block ciphers. A block cipher is a symmetric encipherment system with the property that the encryption algorithm operates on a block of plaintext, i.e., a string of bits of a defined length, to yield a block of ciphertext. ISO/IEC 18033-3:2005 specifies the following algorithms. 64-bit block ciphers: TDEA, MISTY1, CAST-128. 128-bit block ciphers: AES, Camellia, SEED.

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INCITS/ISO/IEC 18033-3:2005/Cor2:2007, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 2 (identical national adoption of ISO/IEC 18033-3:2005/Cor2:2007)

Specifies encryption systems (ciphers) for the purpose of data confidentiality. ISO/IEC 18033-3:2005 specifies block ciphers. A block cipher is a symmetric encipherment system with the property that the encryption algorithm operates on a block of plaintext, i.e., a string of bits of a defined length, to yield a block of ciphertext. ISO/IEC 18033-3:2005 specifies the following algorithms. 64-bit block ciphers: TDEA, MISTY1, CAST-128. 128-bit block ciphers: AES, Camellia, SEED.

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INCITS/ISO/IEC 18033-3:2005/Cor3:2008, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 3 (identical national adoption of ISO/IEC 18033-3:2005/Cor3:2008)

Specifies encryption systems (ciphers) for the purpose of data confidentiality. ISO/IEC 18033-3: 2005 specifies block ciphers. A block cipher is a symmetric encipherment system with the property that the encryption algorithm operates on a block of plaintext, i.e., a string of bits of a defined length, to yield a block of ciphertext. ISO/IEC 18033-3: 2005 specifies the following algorithms. 64-bit block ciphers: TDEA, MISTY1, CAST-128. 128-bit block ciphers: AES, Camellia, SEED.

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INCITS/ISO/IEC 19784-1:2006/Amd.2:2009, Information technology - Biometric application programming interface - Part 1: BioAPI specification - Amendment 2: Framework-free BioAPI (identical national adoption of ISO/IEC 19784-1:2006/Amd.2:2009)

This is the second amendment to ISO/IEC 19784-1: 2006.

Single copy price: \$16.00

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INCITS/ISO/IEC 17799:2005, Information technology - Security techniques - Code of practice for information security management (identical national adoption of ISO/IEC 17799:2005)

Establishes guidelines and general principles for initiating, implementing, maintaining, and improving information security management in an organization. The objectives outlined provide general guidance on the commonly accepted goals of information security management.

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INCITS/ISO/IEC 19790:2006, Information technology - Security techniques - Security requirements for cryptographic modules (identical national adoption of ISO/IEC 19790:2006)

Specifies the security requirements for a cryptographic module utilized within a security system protecting sensitive information in computer and telecommunication systems.

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INCITS/ISO/IEC 21827:2008, Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model (R) (SSE-CMM (R)) (identical national adoption of ISO/IEC 21827:2008)

Specifies the Systems Security Engineering - Capability Maturity Model (R) (SSE-CMM (R)), which describes the essential characteristics of an organization's security engineering process that must exist to ensure good security engineering. ISO/IEC 21827: 2008 does not prescribe a particular process or sequence, but captures practices generally observed in industry.

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INCITS/ISO/IEC 24759:2008, Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2008)

Specifies the methods to be used by testing laboratories to test whether a cryptographic module conforms to the requirements specified in ISO/IEC 19790: 2006. The methods are developed to provide a high degree of objectivity during the testing process and to ensure consistency across the testing laboratories.

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INCITS/ISO/IEC 24761:2009, Information technology - Security techniques - Authentication context for biometrics (identical national adoption of ISO/IEC 24761:2009)

Specifies the structure and the data elements of Authentication Context for Biometrics (ACBio), which is used for checking the validity of the result of a biometric verification process executed at a remote site. ISO/IEC 24761:2009 allows any ACBio instance to accompany any data item that is involved in any biometric process related to verification and enrolment. The specification of ACBio is applicable not only to single modal biometric verification but also to multimodal fusion. ISO/IEC 24761:2009 specifies the cryptographic syntax of an ACBio instance.

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INCITS/ISO/IEC 24762:2008, Information technology - Security techniques - Guidelines for information and communications technology disaster recovery services (identical national adoption of ISO/IEC 24762:2008)

Provides guidelines on the provision of information and communications technology disaster recovery (ICT DR) services as part of business continuity management, applicable to both "in-house" and "outsourced" ICT DR service providers of physical facilities and services.

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INCITS/ISO/IEC 27000:2009, Information technology - Security techniques - Information security management systems - Overview and vocabulary (identical national adoption of ISO/IEC 27000:2009)

Provides an overview of information security management systems, which form the subject of the information security management system (ISMS) family of standards, and defines related terms. As a result of implementing ISO/IEC 27000:2009, all types of organization (e.g., commercial enterprises, government agencies and non-profit organizations) are expected to obtain:

- an overview of the ISMS family of standards;
- an introduction to information security management systems (ISMS);
- a brief description of the Plan-Do-Check-Act (PDCA) process; and
- an understanding of terms and definitions in use throughout the ISMS family of standards.

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INCITS/ISO/IEC 27005:2008, Information technology - Security techniques - Information security risk management (identical national adoption of ISO/IEC 27005:2008)

Provides guidelines for information security risk management. This standard supports the general concepts specified in ISO/IEC 27001 and is designed to assist the satisfactory implementation of information security based on a risk management approach.

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INCITS/ISO/IEC 27011:2008, Information technology - Security techniques - Information security management guidelines for telecommunications organizations based on ISO/IEC 27002 (identical national adoption of ISO/IEC 27011:2008)

Defines guidelines supporting the implementation of information security management in telecommunications organizations. The adoption of this standard will allow telecommunications organizations to meet baseline information security management requirements of confidentiality, integrity, availability, and any other relevant security property.

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INCITS/ISO/IEC 28360:2007, Information technology - Office equipment - Determination of chemical emission rates from electronic equipment (identical national adoption of ISO/IEC 28360:2007)

Specifies methods to determine chemical emission rates of analyte from information and communication technology and consumer electronics equipment during intended operation in an Emission Test Chamber (ETC). The methods comprise preparation, sampling (or monitoring) in a controlled ETC, storage and analysis, calculation and reporting of emission rates. ISO/IEC 28360:2007 includes specific methods for equipment using consumables, such as printers, and equipment not using consumables, such as monitors and PCs.

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INCITS/ISO/IEC 10116:2006/Cor1:2008, Information technology - Modes of operation for an n-bit block cipher algorithm - Corrigendum (identical national adoption of ISO/IEC 10116:2006/Cor1:2008)

Specifies the modes of operation for an n-bit block cipher. These modes provide methods for encrypting and decrypting data where the bit length of the data may exceed the size of the block cipher. The modes specified in ISO/IEC 10116: 2006 only provide protection of data confidentiality.

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INCITS/ISO/IEC 17799:2005/Cor1:2007, Information technology - Code of practice for information security management - Corrigendum (identical national adoption of ISO/IEC 17799:2005/Cor1:2007)

Establishes guidelines and general principles for initiating, implementing, maintaining, and improving information security management in an organization. The objectives outlined provide general guidance on the commonly accepted goals of information security management. ISO/IEC 17799: 2005 contains best practices of control objectives and controls in the following areas of information security management.

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INCITS/ISO/IEC 18031:2005/Cor1:2009, Information technology - Security techniques - Random bit generation - Corrigendum 1 (identical national adoption of ISO/IEC 18031:2005/Cor1:2009)

Specifies a conceptual model for a random bit generator for cryptographic purposes, together with the elements of this model. ISO/IEC 18031: 2005 also includes the description of the main elements required for a non-deterministic random bit generator; the description of the main elements required for a deterministic random bit generator; their characteristics; their security requirements.

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INCITS/ISO/IEC 19790:2006/Cor1:2008, Information technology - Security techniques - Security requirements for cryptographic modules - Corrigendum 1 (identical national adoption of ISO/IEC 19790:2006/Cor1:2008)

Specifies the security requirements for a cryptographic module utilized within a security system protecting sensitive information in computer and telecommunication systems.

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INCITS/ISO/IEC 28360:2007/COR1:2008, Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Corrigendum 1 (identical national adoption of ISO/IEC 28360:2007/COR1:2008)

Specifies methods to determine chemical emission rates of analyte from information and communication technology and consumer electronics equipment during intended operation in an Emission Test Chamber (ETC). The methods comprise preparation, sampling (or monitoring) in a controlled ETC, storage and analysis, calculation and reporting of emission rates.

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INCITS/ISO/IEC TR 15443-1:2005, Information technology - Security techniques - A framework for IT security assurance - Part 1: Overview and framework (identical national adoption of ISO/IEC TR 15443-1:2005)

Provides a multi-part type-3 Technical Report to guide the IT security professional in the selection of an appropriate assurance method when specifying, selecting, or deploying a security service, product, or environmental factor such as an organization or personnel (known as a deliverable). The aim is to understand the assurance type and amount required to achieve confidence that the deliverable satisfies the stated IT security assurance requirements and consequently its security policy.

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INCITS/ISO/IEC TR 15443-2:2005, Information technology - Security techniques - A framework for IT security assurance - Part 2: Assurance methods (identical national adoption of ISO/IEC TR 15443-2:2005)

Describes a variety of IT security assurance methods and approaches and relates them to the IT security assurance framework in ISO/IEC TR 15443-1. The emphasis is to identify qualitative properties of the assurance methods and elements that contribute to assurance, and where possible, to define assurance ratings. This material is intended for IT security professionals for the understanding of how to obtain assurance in a given life-cycle stage of a product or service.

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INCITS/ISO/IEC TR 15443-3:2007, Information technology - Security techniques - A framework for IT security assurance - Part 3: Analysis of assurance methods (identical national adoption of ISO/IEC TR 15443-3:2007)

Provides general guidance to an assurance authority in the choice of the appropriate type of international communications technology (ICT) assurance methods and to lay the framework for the analysis of specific assurance methods for specific environments.

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INCITS/ISO/IEC TR 14516:2002, Information technology - Security techniques - Guidelines for the use and management of Trusted Third Party services (identical national adoption of ISO/IEC TR 14516:2002)

Assists business entities, developers and providers of systems and services, etc. with a number of security-related issues that are associated with the provision and operation of a Trusted Third Party (TTP). This includes guidance on issues regarding the roles, positions and relationships of TTPs and the entities using TTP services, the generic security requirements, who should provide what type of security, what the possible security solutions are, and the operational use and management of TTP service security.

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INCITS/ISO/IEC TR 15446:2009, Information technology - Security techniques - Guide for the production of Protection Profiles and Security Targets (identical national adoption of ISO/IEC TR 15446:2009)

Provides guidance relating to the construction of Protection Profiles (PPs) and Security Targets (STs) that are intended to be compliant with the third edition of ISO/IEC 15408. This standard is also applicable to PPs and STs compliant with Common Criteria Version 3.1, a technically identical standard published by the Common Criteria Management Board, a consortium of governmental organizations involved in IT security evaluation and certification.

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INCITS/ISO/IEC TR 19791:2006, Information technology - Security techniques - Security assessment of operational systems (identical national adoption of ISO/IEC TR 19791:2006)

Provides guidance and criteria for the security evaluation of operational systems. This standard extends the scope of ISO/IEC 15408, by taking into account a number of critical aspects of operational systems not addressed in ISO/IEC 15408 evaluation. The principal extensions that are required address evaluation of the operational environment surrounding the target of evaluation, and the decomposition of complex operational systems into security domains that can be separately evaluated.

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INCITS/ISO/IEC TR 19797:2004, Information technology - Office machines - Device output of 16 colour scales, output linearization method (LM) and specification of the reproduction properties (identical national adoption of ISO/IEC TR 19797:2004)

Measures output and by the linearization method (LM). There is a table of output values and a graph for the first and linearized output. This method produces a linear relationship between the linear digital input data and the output data on a visual relative CIELAB scale for the color primaries. The visual uniformity of overprint scales can be improved by this method. The method is applicable for systems that do not have color management or as a linearization method for devices that could be used as a setup\_state for color management

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INCITS/ISO/IEC TR 24705:2005, Information technology - Office machines - Machines for colour image reproduction - Method of specifying image reproduction of colour devices by digital and analog test charts (identical national adoption of ISO/IEC TR 24705:2005)

Deals with the color reproduction properties of office devices, printers, scanners and monitors, which may depend on the device system, which includes the device properties and settings, the device driver, the file format, the computer operating system and the application software. This standard presents a method to allow testing of the reproduction changes if one or several of the parameters are varied, such as the device properties or settings, the device driver, the file format, the computer operating system, the color space, and the application software.

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

### **Revisions**

BSR ANSLG C78.43-200x, Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2007)

Sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60-Hz ballasts to ensure interchangeability and safety.

Single copy price: \$At cost+

Obtain an electronic copy from: [Mat\\_clark@nema.org](mailto:Mat_clark@nema.org)

Order from: Randolph Roy, (703) 841-3277, [ran\\_roy@nema.org](mailto:ran_roy@nema.org); [mat\\_clark@nema.org](mailto:mat_clark@nema.org)

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

### **Revisions**

BSR ANSLG C82.5-200x, Reference Ballasts - High-Intensity-Discharge and Low-Pressure Sodium Lamps (revision and redesignation of ANSI C82.5-1990 (R2007))

Describes the essential features and operating characteristics of reference ballasts for high-intensity discharge and low-pressure sodium lamps.

Single copy price: \$At cost+

Obtain an electronic copy from: [Mat\\_clark@nema.org](mailto:Mat_clark@nema.org)

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## **NGA (National Glass Association)**

### **New Standards**

BSR/NGA R2.1-200x, Auto Glass Replacement Uniform Labeling of Adhesives (new standard)

Defines the terminology involved in product labeling and identifies the information necessary and the order of the label and to develop guidelines for individual packages, cases and pallets.

Single copy price: N/A

Obtain an electronic copy from: [www.agrula.com](http://www.agrula.com)

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## **NSF (NSF International)**

### **Revisions**

BSR/NSF 14-200x (i27), Plastics piping system components and related materials (revision of ANSI/NSF 14-2008e)

Issue 27: Updates Section 2, Normative References.

Single copy price: Free

Obtain an electronic copy from:

[http://standards.nsf.org/apps/group\\_public/download.php/5612/14i27r2.pdf](http://standards.nsf.org/apps/group_public/download.php/5612/14i27r2.pdf)

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## **SIA (Security Industry Association)**

### **Revisions**

BSR/SIA CP-01-200x, Control Panel Standard - Features for False Alarm Reduction (revision of ANSI/SIA CP-01-2007)

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

Single copy price: Free

Obtain an electronic copy from: [jgittens@siaonline.org](mailto:jgittens@siaonline.org)

Order from: Joseph Gittens, 703-647-8486, [jgittens@siaonline.org](mailto:jgittens@siaonline.org)

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

### **Revisions**

BSR/UL 558-200x, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2008)

Provides the revisions to the UL 558 proposals that were dated 5-15-09.

Single copy price: Contact comm2000 for pricing and delivery options

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

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Send comments (with copy to BSR) to: Nicolette Allen, (919) 549-0973, [Nicolette.Allen@us.ul.com](mailto:Nicolette.Allen@us.ul.com)

BSR/UL 583-200x, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2007)

Provides the revisions to the UL 583 proposals that were dated 5-1-09.

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BSR/UL 858-200x, Standard for Household Electric Ranges (revision of ANSI/UL 858-2005)

Covers:

- (1) Proposed requirements to improve consumer awareness and installation practices relative to range stability;
- (2) Clarification for testing of a counter-mounted cook top and a wall-mounted oven; and
- (3) Electronic media instructions.

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BSR/UL 60745-1-200x, Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (revision of ANSI/UL 60745-1-2007)

**Covers:**

- (2) Addition of national difference Clauses 8.1DV and 8.12.1DV to allow compliance with the marking and instruction manual of the latest edition of the published part 2 standard;
- (3) Addition of a national difference to Clause 18.12 to provide manufacturers with an alternative test method for tool constructions where an armature employing a Class II construction is employed in a Class I tool; and
- (5) Addition of a national difference to Clause 29.2 to clarify the specific non-metallic parts that are not subject to the requirements and expand the number of parts, and to clarify the compliance criteria of Clause 29.2

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**Reaffirmations**

BSR/UL 1419-2005 (R200x), Standard for Safety for Professional Video and Audio Equipment (reaffirmation of ANSI/UL 1419-2005)

Covers video and audio equipment operated and maintained by trained personnel under the conditions of controlled access. These requirements cover such equipment as:

- video tape recorders;
- audio/video editing equipment;
- audio/video receiving and processing equipment;
- signal transmission equipment;
- television cameras;
- video digitizers;
- video monitors;
- metering equipment; and
- similar equipment.

These requirements cover equipment rated 600 volts or less for use in accordance with the National Electrical Code, ANSI/NFPA 70.

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## Comment Deadline: November 3, 2009

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

### ASSE (American Society of Sanitary Engineering)

**New Standards**

BSR/ASSE 1049-200x, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Chemical Waste Systems (new standard)

Describes individual and branch type AAV's for chemical waste systems to prevent the siphonage of trap seals for individual and multiple fixtures and to prevent sewer gases from entering the building.

Single copy price: \$45.00

Obtain an electronic copy from: [www.global.ihs.com](http://www.global.ihs.com)

Order from: Elaine Matheison, (440) 835-3040, [elaine@asse-plumbing.org](mailto:elaine@asse-plumbing.org)

Send comments (with copy to BSR) to: Steve Hazzard, (440) 835-3040, [steve@asse-plumbing.org](mailto:steve@asse-plumbing.org)

BSR/ASSE 1050-200x, Performance Requirements for Stack Air Admittance Valves (AAV's) for Sanitary Drainage Systems (new standard)

Describes stack AAV's, which are used in the plumbing drainage system to prevent siphonage of water trap seals and which are installed on stacks where branches on multiple floors are connected. These AAV's prevent sewer gases from entering the building.

Single copy price: \$45.00

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

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

ANSI/NEMA PDD 04.00.01-2000, Product Descriptor Data Common Fields

# Call for Comment Contact Information

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

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Web: [www.pumps.org](http://www.pumps.org)

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Web: [www.iestandards.org](http://www.iestandards.org)

### **NEMA (ASC C78)**

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**Contact:** *Hillary Woehrle*

**Phone:** (703) 525-4890 x215

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

**E-mail:** hwoehrle@aami.org

BSR/AAMI/ISO 80369-2-200x, Small-bore connectors for liquids and gases in healthcare applications - Part 2: Connectors for breathing systems and driving gases for respiratory use (identical national adoption of ISO 80369-2)

## 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; asastds@aip.org

BSR S12.53 /Part 2-1999/ISO 3743-2-1994 (R2004), Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms. (reaffirmation and redesignation of ANSI S12.53 /Part 2-1999/ISO 3743-2-1994 (R2004))

BSR/ASA S12.54-20XX/ISO 3744:20XX, Acoustics - Determination of Sound Power Levels and Sound Energy Levels of Noise Sources Using Sound Pressure - Engineering Method for an Essentially Free Field Over a Reflecting Plane (identical national adoption and revision of ANSI S12.54-1999/ISO 3744-1994 (R2004))

BSR/ASA S12.56-20XX/ISO 3746:20XX, Acoustics - Determination of Sound Power Levels and Sound Energy Levels of Noise Sources Using Sound Pressure - Survey Method Using an Enveloping Measurement Surface Over a Reflecting Plane (identical national adoption and revision of ANSI S12.56-1999/ISO 3746-1995 (R2004))

BSR/ASA S12.53/Part 1-20XX/ISO 3743-1:20XX, Acoustics - Determination of Sound Power Levels and Sound Energy Levels of Noise Sources Using Sound Pressure - Engineering Methods for Small, Movable Sources in Reverberant Fields - Part 1: Comparison Method for Hard-Walled Test Rooms (identical national adoption and revision of ANSI S12.53/Part 1-1999 ISO 3743-1-1994 (R2004))

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**Fax:** (973) 267-9055

**E-mail:** kanderson@pumps.org

BSR/HI 4.1-4.6-200x, Sealless Rotary Pumps (reaffirmation of ANSI/HI 4.1-4.6-2000)

BSR/HI 5.1-5.6-200x, Sealless Rotodynamic Pumps for Nomenclature, Definitions, Application, Operation, and Test (revision of ANSI/HI 5.1-5.6-2000)

## IKECA (International Kitchen Exhaust Cleaning Association)

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**Fax:** (301) 230-9648

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BSR/IKECA 101-200x, Standard for Cleaning of Commercial Kitchen Exhaust Systems (new standard)

BSR/IKECA 102-200x, Standard for Inspection of Commercial Kitchen Exhaust Systems (new standard)

BSR/IKECA 103-200x, Standard for User Operation and Maintenance of Commercial Kitchen Exhaust Systems (new standard)

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**Contact:** *Barbara Bennett*

**Phone:** (202) 626-5743

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

**E-mail:** bbennett@itic.org; lbarra@itic.org

BSR INCITS 463-200x, Information technology - Fibre Channel - Generic Services - 6 (FC-GS-6) (new standard)

INCITS/ISO/IEC 9798-3:1998, Information technology - Security techniques - Entity authentication - Part 3: Mechanisms using digital signature techniques (identical national adoption of ISO/IEC 9798-3:1998)

INCITS/ISO/IEC 10118-2:2000/Cor2:2007, Information technology - Security techniques - Hash-functions - Part 2: Hash-functions using an n-bit block cipher algorithm - Corrigendum (identical national adoption of ISO/IEC 10118-2:2000/Cor2:2007)

- INCITS/ISO/IEC 10118-3:2004/AM1:2006, Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-functions - Amendment 1: Dedicated Hash-Function 8 (SHA-224) (identical national adoption of ISO/IEC 10118-3:2004/AM1:2006)
- INCITS/ISO/IEC 11770-1:1996, Information technology - Security techniques - Key management - Part 1: Framework (identical national adoption of ISO/IEC 11770-1:1996)
- INCITS/ISO/IEC 11770-3:2008, Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques (identical national adoption of ISO/IEC 11770-3:2008)
- INCITS/ISO/IEC 11889-1:2009, Information technology - Trusted Platform Module - Part 1: Overview (identical national adoption of ISO/IEC 11889-1:2009)
- INCITS/ISO/IEC 11889-2:2009, Information technology - Trusted Platform Module - Part 2: Design principles (identical national adoption of ISO/IEC 11889-2:2009)
- INCITS/ISO/IEC 11889-3:2009, Information technology - Trusted Platform Module - Part 3: Structures (identical national adoption of ISO/IEC 11889-3:2009)
- INCITS/ISO/IEC 11889-4:2009, Information technology - Trusted Platform Module - Part 4: Commands (identical national adoption of ISO/IEC 11889-4:2009)
- INCITS/ISO/IEC 13888-1:2009, Information technology - Security techniques - Non-repudiation - Part 1: General (identical national adoption and revision of INCITS/ISO/IEC 13888-1:2004)
- INCITS/ISO/IEC 13888-2:1998, Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques (identical national adoption of ISO/IEC 13888-2:1998)
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- INCITS/ISO/IEC 14888-1:2008, Information technology - Security techniques - Digital signatures with appendix - Part 1: General (identical national adoption and revision of INCITS/ISO/IEC 14888-1:1998 (R2005))
- INCITS/ISO/IEC 14888-2:2008, Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms (identical national adoption of ISO/IEC 14888-2:2008)
- INCITS/ISO/IEC 14888-3:2006/Cor1:2007, Information technology - Security techniques - Digital signatures with appendix - Part 3: Certificate-based mechanisms - Corrigendum 1 (identical national adoption of ISO/IEC 14888-3:2006/Cor1:2007)
- INCITS/ISO/IEC 14888-3:2006/Cor2:2009, Information technology - Security techniques - Digital signatures with appendix - Part 3: Certificate-based mechanisms - Corrigendum 2 (identical national adoption of ISO/IEC 14888-3:2006/Cor2:2009)
- INCITS/ISO/IEC 15946-1:2008, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General (identical national adoption of ISO/IEC 15946-1:2008)
- INCITS/ISO/IEC 15946-1:2008/Cor1:2009, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General - Corrigendum 1 (identical national adoption of ISO/IEC 15946-1:2008/Cor1:2009)
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- INCITS/ISO/IEC 18033-3:2005/Cor1:2006, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 1 (identical national adoption of ISO/IEC 18033-3:2005/Cor1:2006)
- INCITS/ISO/IEC 18033-3:2005/Cor2:2007, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 2 (identical national adoption of ISO/IEC 18033-3:2005/Cor2:2007)
- INCITS/ISO/IEC 18033-3:2005/Cor3:2008, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 3 (identical national adoption of ISO/IEC 18033-3:2005/Cor3:2008)
- INCITS/ISO/IEC 19784-1:2006/Amd.2:2009, Information technology - Biometric application programming interface - Part 1: BioAPI specification - Amendment 2: Framework-free BioAPI (identical national adoption of ISO/IEC 19784-1:2006/Amd.2:2009)
- INCITS/ISO/IEC 17799:2005, Information technology - Security techniques - Code of practice for information security management (identical national adoption of ISO/IEC 17799:2005)
- INCITS/ISO/IEC 19790:2006, Information technology - Security techniques - Security requirements for cryptographic modules (identical national adoption of ISO/IEC 19790:2006)
- INCITS/ISO/IEC 21827:2008, Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model (R) (SSE-CMM (R)) (identical national adoption of ISO/IEC 21827:2008)
- INCITS/ISO/IEC 24759:2008, Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of ISO/IEC 24759:2008)
- INCITS/ISO/IEC 24761:2009, Information technology - Security techniques - Authentication context for biometrics (identical national adoption of ISO/IEC 24761:2009)
- INCITS/ISO/IEC 24762:2008, Information technology - Security techniques - Guidelines for information and communications technology disaster recovery services (identical national adoption of ISO/IEC 24762:2008)
- INCITS/ISO/IEC 27000:2009, Information technology - Security techniques - Information security management systems - Overview and vocabulary (identical national adoption of ISO/IEC 27000:2009)
- INCITS/ISO/IEC 27005:2008, Information technology - Security techniques - Information security risk management (identical national adoption of ISO/IEC 27005:2008)
- INCITS/ISO/IEC 27011:2008, Information technology - Security techniques - Information security management guidelines for telecommunications organizations based on ISO/IEC 27002 (identical national adoption of ISO/IEC 27011:2008)
- INCITS/ISO/IEC 28360:2007, Information technology - Office equipment - Determination of chemical emission rates from electronic equipment (identical national adoption of ISO/IEC 28360:2007)
- INCITS/ISO/IEC 10116:2006/Cor1:2008, Information technology - Modes of operation for an n-bit block cipher algorithm - Corrigendum (identical national adoption of ISO/IEC 10116:2006/Cor1:2008)
- INCITS/ISO/IEC 17799:2005/Cor1:2007, Information technology - Code of practice for information security management - Corrigendum (identical national adoption of ISO/IEC 17799:2005/Cor1:2007)
- INCITS/ISO/IEC 18031:2005/Cor1:2009, Information technology - Security techniques - Random bit generation - Corrigendum 1 (identical national adoption of ISO/IEC 18031:2005/Cor1:2009)
- INCITS/ISO/IEC 19790:2006/Cor1:2008, Information technology - Security techniques - Security requirements for cryptographic modules - Corrigendum 1 (identical national adoption of ISO/IEC 19790:2006/Cor1:2008)
- INCITS/ISO/IEC 28360:2007/COR1:2008, Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Corrigendum 1 (identical national adoption of ISO/IEC 28360:2007/COR1:2008)
- INCITS/ISO/IEC TR 15443-1:2005, Information technology - Security techniques - A framework for IT security assurance - Part 1: Overview and framework (identical national adoption of ISO/IEC TR 15443-1:2005)
- INCITS/ISO/IEC TR 15443-2:2005, Information technology - Security techniques - A framework for IT security assurance - Part 2: Assurance methods (identical national adoption of ISO/IEC TR 15443-2:2005)
- INCITS/ISO/IEC TR 15443-3:2007, Information technology - Security techniques - A framework for IT security assurance - Part 3: Analysis of assurance methods (identical national adoption of ISO/IEC TR 15443-3:2007)

INCITS/ISO/IEC TR 14516:2002, Information technology - Security techniques - Guidelines for the use and management of Trusted Third Party services (identical national adoption of ISO/IEC TR 14516:2002)

INCITS/ISO/IEC TR 15446:2009, Information technology - Security techniques - Guide for the production of Protection Profiles and Security Targets (identical national adoption of ISO/IEC TR 15446:2009)

INCITS/ISO/IEC TR 19791:2006, Information technology - Security techniques - Security assessment of operational systems (identical national adoption of ISO/IEC TR 19791:2006)

INCITS/ISO/IEC TR 19797:2004, Information technology - Office machines - Device output of 16 colour scales, output linearization method (LM) and specification of the reproduction properties (identical national adoption of ISO/IEC TR 19797:2004)

INCITS/ISO/IEC TR 24705:2005, Information technology - Office machines - Machines for colour image reproduction - Method of specifying image reproduction of colour devices by digital and analog test charts (identical national adoption of ISO/IEC TR 24705:2005)

**NGA (National Glass Association)**

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BSR/NGA R2.1-200x, Auto Glass Replacement Uniform Labeling of Adhesives (new standard)

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BSR/UL 1008A-200x, Standard for Safety for Transfer Switches, Over 750 Volts (new standard)

# Final actions on American National Standards

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

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

### Reaffirmations

ANSI/AAMI/ISO 25539-1-2003 (R2009), Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses (reaffirmation of ANSI/AAMI/ISO 25539-1-2003): 8/28/2009

ANSI/AAMI/ISO 25539-1-2003/A1-2005 (R2009), Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses, Amendment 1: Test methods (reaffirmation of ANSI/AAMI/ISO 25539-1/A1-2005): 8/28/2009

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

### Reaffirmations

ANSI/ASAE S366.2 JUN04/ISO 5675:1992 (R2009), Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (reaffirmation of ANSI/ASAE S366.2 JUN04/ISO 5675:1992): 8/26/2009

## ASTM (ASTM International)

### New Standards

ANSI/ASTM E2628-2009, Practice for Dosimetry in Radiation Processing (new standard): 8/15/2009

### Reaffirmations

ANSI/ASTM F2324-2003 (R2009), Test Method for Prerinse Spray Valves (reaffirmation of ANSI/ASTM F2324-2003): 5/1/2009

### Revisions

ANSI/ASTM E1321-2009, Test Method for Determining Material Ignition and Flame Spread Properties (revision of ANSI/ASTM E1321-2002): 5/1/2009

ANSI/ASTM F1551-2009, Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials (revision of ANSI/ASTM F1551-2003): 7/1/2009

## AWS (American Welding Society)

### Revisions

ANSI/AWS A5.22/A5.22M-2009, Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods (revision of ANSI/AWS A5.22-2005): 8/27/2009

## HL7 (Health Level Seven)

### Reaffirmations

ANSI/HL7 V3 ECG, R1-2004 (R2009), HL7 Version 3 Standard: Regulated Studies - Annotated ECG, Release 1 (reaffirmation of ANSI/HL7 V3 ECG, R1-2004): 8/27/2009

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

### New National Adoptions

INCITS/ISO/IEC 9541-4-2009, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format (identical national adoption of ISO/IEC 9541-4:2009): 8/28/2009

INCITS/ISO/IEC 9541-1:1991/AM 2:1998, Information technology - Font information interchange - Part 1: Architecture - Amendment 2: Minor enhancements to the architecture to address font technology advances (identical national adoption of ISO/IEC 9541-1:1991/AM 2:1998): 8/28/2009

INCITS/ISO/IEC 9541-1:1991/AM 4:2009, Information technology - Font information interchange - Part 1: Architecture - Amendment 4: Extension to font resource architecture (identical national adoption of ISO/IEC 9541-1:1991/AM 4:2009): 8/28/2009

INCITS/ISO/IEC 9541-2:1991/AM 2:2009, Information technology - Font information interchange - Part 2: Interchange format - Amendment 2: Extension to font reference (identical national adoption of ISO/IEC 9541-2:1991/AM 2:2009): 8/28/2009

INCITS/ISO/IEC 9541-3:1994/AM 1:2009, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 1: Additional shape representation technology (identical national adoption of ISO/IEC 9541-3:1994/AM 1:2005): 8/28/2009

INCITS/ISO/IEC 13250-2-2009, Information technology - Topic Maps - Part 2: Data model (identical national adoption of ISO/IEC 13250-2:2006): 8/28/2009

INCITS/ISO/IEC 13250-3:2009, Information technology - Topic Maps - Part 3: XML syntax (identical national adoption and revision of INCITS/ISO/IEC 13250-3:2007): 8/28/2009

INCITS/ISO/IEC 19795-2-2009, Information technology - Biometric performance testing and reporting - Part 2: Testing methodologies for technology and scenario evaluation (identical national adoption of ISO/IEC 19795-2:2007): 8/27/2009

INCITS/ISO/IEC 19795-4-2009, Information technology - Biometric performance testing and reporting - Part 4: Interoperability performance testing (identical national adoption of ISO/IEC 19795-4:2008): 8/27/2009

INCITS/ISO/IEC 24709-1-2009, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 1: Methods and procedures (identical national adoption of ISO/IEC 24709-1:2007): 8/27/2009

INCITS/ISO/IEC 24709-2-2009, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 2: Test assertions for biometric service providers (identical national adoption of ISO/IEC 24709-2:2007): 8/27/2009

INCITS/ISO/IEC 24713-1-2009, Information technology - Biometric profiles for interoperability and data interchange - Part 1: Overview of biometric systems and biometric profiles (identical national adoption of ISO/IEC 24713-1:2008): 8/27/2009

INCITS/ISO/IEC 24713-2-2009, Information technology - Biometric profiles for interoperability and data interchange - Part 2: Physical access control for employees at airports (identical national adoption of ISO/IEC 24713-2:2008): 8/27/2009

INCITS/ISO/IEC 24756-2009, Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (identical national adoption of ISO/IEC 24756:2009): 8/26/2009

### Reaffirmations

INCITS/ISO/IEC 19112-2003 (R2009), Geographic information - Spatial referencing by geographic identifiers (reaffirmation of INCITS/ISO/IEC 19112-2003): 8/26/2009



*Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements*

INCITS/ISO/IEC 14772-1-1997 (S2009), Information Technology - Computer Graphics and Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification and UTF-8 Encoding (stabilized maintenance of INCITS/ISO/IEC 14772-1-1997 (R2004)): 8/28/2009

#### *Withdrawals*

ANSI INCITS 389-2005, Information Technology - Protocol to Facilitate Operation of Information and Electronic Products through Remote and Alternative Interfaces and Intelligent Agents - Universal Remote Console (withdrawal of ANSI INCITS 389-2005): 8/26/2009

ANSI INCITS 390-2005, Information Technology - Protocol to Facilitate Operation of Information and Electronic Products through Remote and Alternative Interfaces and Intelligent Agents - User Interface Socket Description (withdrawal of ANSI INCITS 390-2005): 8/26/2009

ANSI INCITS 391-2005, Information Technology - Protocol to Facilitate Operation of Information and Electronic Products through Remote and Alternative Interfaces and Intelligent Agents - Presentation Template (withdrawal of ANSI INCITS 391-2005): 8/26/2009

ANSI INCITS 392-2005, Information Technology - Protocol to Facilitate Operation of Information and Electronic Products through Remote and Alternative Interfaces and Intelligent Agents - Target Description (withdrawal of ANSI INCITS 392-2005): 8/26/2009

ANSI INCITS 393-2005, Information Technology - Protocol to Facilitate Operation of Information and Electronic Products through Remote and Alternative Interfaces and Intelligent Agents - Resource Description (withdrawal of ANSI INCITS 393-2005): 8/26/2009

#### **ITSDF (Industrial Truck Standards Development Foundation, Inc.)**

##### *Revisions*

ANSI/ITSDF B56.1-2009, Safety Standard for Low Lift and High Lift Trucks (revision of ANSI/ITSDF B56.1-2004 (R2005)): 8/26/2009

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

##### *Reaffirmations*

ANSI/TIA 594-B-2004 (R2009), Telecommunications - Multiline Terminal Systems - Synchronization Methods and Technical Requirements for Private Integrated Services Networks (reaffirmation of ANSI/TIA 594-B-2004): 8/26/2009

ANSI/TIA 689-A-2003 (R2009), Telecommunications - Multi Terminal Systems PBX KTS support of Enhanced 9-1-1 Calling Services (reaffirmation of ANSI/TIA 689-A-2003): 8/26/2009

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

##### *Revisions*

ANSI/UL 1004-3-2009, Standard for Safety for Thermally Protected Motors (revision of ANSI/UL 1004-3-2008): 8/26/2009

ANSI/UL 1053-2009, Standard for Safety for Ground Fault Sensing and Relaying Equipment (Proposal dated February 13, 2009) (revision of ANSI/UL 1053-1999): 8/21/2009

ANSI/UL 1053-2009, Standard for Safety for Ground Fault Sensing and Relaying Equipment (Proposal dated May 8, 2009) (revision of ANSI/UL 1053-1999): 8/21/2009

ANSI/UL 1123-2009c, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2009b): 8/24/2009

## Correction

### **Incorrect Designation**

#### **ANSI/AAMI/ISO 81060-2-2009**

In the Final Actions section of the August 21, 2009 issue of Standards Action, the above standard was incorrectly listed as ANSI/AAMI/ISO/IEC 81060-2-2009. The correct designation is ANSI/AAMI/ISO 81060-2-2009.



























































