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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

Comment Deadline: March 1, 2009

NSF (NSF International)

Revisions

BSR/NSF 49-200x (i34), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2008)
Issue 34 - Updates acceptance Statements in Annex F for consistency with Annex A.

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

Send comments (with copy to BSR) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

BSR/NSF 49-200x (i24r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2008)
Issue 24, Revision 2 - Adds language to the standard to require alarms on canopy connected type A1 or A2 cabinets. Revision 2 addresses the location of the alarm.

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

Send comments (with copy to BSR) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 498A-200x, Standard for Safety for Current Taps and Adapters (Proposal dated January 30, 2009) (revision of ANSI/UL 498A-2008)

Covers:

(1) Addition of requirements to address a current tap or adapter that incorporates a locking mechanism when Inserted into a NEMA straight-blade receptacle.

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

Send comments (with copy to BSR) to: Patricia Sena, (919) 549-1636, patricia.a.sena@us.ul.com

BSR/UL 705-200x, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2006)

Covers:

(1) Revisions to clarify Section 11 for protection of internal wiring; and
(2) Addition of a requirement for compliance with the UL 60730 series of standards and other standards for motor controllers.

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

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

BSR/UL 826-200x, Standard for Safety for Household Electric Clocks (Proposal Dated 1/30/09) (revision of ANSI/UL 826-2004)

Corrects the error in the test potential for condition B in Table 27.1.

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

Send comments (with copy to BSR) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@us.ul.com

BSR/UL 1047-200x, Standard for Safety for Isolated Power Systems Equipment (revision of ANSI/UL 1047-2003 (R2007))

Covers:

(1) Revisions to color-code requirements for terminals or leads to which isolated output conductors are intended to be field connected and the insulation on internal wires in accordance with the National Electrical Code.

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

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

Comment Deadline: March 16, 2009

ADA (American Dental Association)

New National Adoptions

BSR/ADA Specification No. 125-200x, Manual Interdental Brushes (identical national adoption of ISO 16409: 2006)

Specifies requirements and test methods for performance criteria for manual interdental brushes with a round cross-section of the brush head. It also specifies the accompanying information, such as manufacturer's instructions for use and labeling of the packaging. This standard is not applicable to powered interdental brushes, manual toothbrushes, dental floss, tapes, and strings, nor is it applicable to interdental cleaners that do not include filaments.

Single copy price: \$65.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to BSR) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

Withdrawals

ANSI/ASAE S385.5-APR93 (RAPR2003), Combine Harvester Tire Loading and Inflation Pressures (withdrawal of ANSI/ASAE S385.5-APR93 (RAPR2003))

Establishes loadings and inflation pressures for agricultural-type tires when used on self-propelled, hillside, and pull-type combine harvesters.

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 429-0300, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ANSI/ASAE S430.1-FEB96 (RAPR2003), Agricultural Equipment Tire Loading and Inflation Pressures (withdrawal of ANSI/ASAE S430.1-FEB96 (RAPR2003))

Establishes loadings and inflation pressures for agricultural-type tires when used in agricultural equipment service. Agricultural-type tires are not designed for highway vehicle use or to operate at speeds in excess of 40 km/h (25 mph).

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 429-0300, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ANSI/ASAE S525-1.2-2003, Agricultural Cabs - Engineering Control - Environmental Air Quality; Part 1: Definitions, Test Methods, and Safety Practices (withdrawal of ANSI/ASAE S525-1.2-2003)

Provides a quantitative method of establishing an engineering control including definitions, performance criteria, and test procedures for cabs (enclosures) used on agricultural tractors and self-propelled machines. This standard should only be used as part of a managed program of occupational health and safety as defined by applicable regulations when the machines operate in an environment where agricultural pesticides are present.

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 429-0300, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Addenda

BSR/ASME B31.1b-200x, Power Piping (addenda to ANSI/ASME B31.1-2001)

Prescribes minimum requirements for the design, materials, fabrication, erection, test, and inspection of power and auxiliary service piping systems for electric generation station, industrial and institutional plants, central and district heating plants, and district heating systems.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Colleen O'Brien, (212) 591-7881, obrienc@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS C4.2/C4.2M-200x, Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2006)

Includes the latest procedures to be used in conjunction with oxyfuel gas cutting equipment and the latest safety recommendations. Complete lists of equipment are available from individual manufacturers.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org

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

New National Adoptions

BSR/INCITS/ISO/IEC 10021-8-200x, Information technology - Message Handling Systems (MHS) - Part 8: Electronic Data Interchange Messaging Service (identical national adoption and revision of INCITS/ISO/IEC 10021-8-1995 (R2004))

Defines the overall system and service of EDI messaging. Other aspects of message-handling systems and services are defined in other parts of ISO/IEC 10021. The layout of Standards | Recommendations defining the message-handling system and services is shown in table 1 of ISO/IEC 10021-1 | ITU-T Recommendation X/F.400. The public services built on MHS, as well as access to and from the MHS for public services, are defined in the ITU-T's F.400-Series of Recommendations.

Single copy price: \$30.00

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

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

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

BSR/INCITS/ISO/IEC 10021-9-200x, Information technology - Message Handling Systems (MHS) - Electronic Data Interchange Messaging System - Part 9: Electronic Data Interchange (identical national adoption of ISO/IEC 10021-9:1999)

This Recommendation | International Standard is one of a series on message handling. The entire set provides a comprehensive blueprint for a Message-Handling System (MHS) realized by any number of cooperating open systems.

Single copy price: \$30.00

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

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

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

Reaffirmations

BSR INCITS 377-2004 (R200x), Information technology - Finger Pattern Based Interchange Format (reaffirmation of ANSI INCITS 377-2004)

Specifies the interchange format for the exchange of pattern-based fingerprint recognition data.

Single copy price: \$30.00

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

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

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

BSR INCITS 378-2004 (R200x), Information technology - Finger Minutiae Format for Data Interchange (reaffirmation of ANSI INCITS 378-2004)

Specifies a concept and data format for representation of fingerprints using the fundamental notion of minutiae. The data format is generic, in that it may be applied and used in a wide range of application areas where automated fingerprint recognition is involved. No application-specific requirements or features are addressed in this standard. The Standard contains definitions of relevant terms, a description of where minutiae shall be defined, a data format for containing the data, and conformance information.

Single copy price: \$30.00

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

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

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

BSR INCITS 381-2004 (R200x), Information technology - Finger Image-Based Data Interchange Format (reaffirmation of ANSI INCITS 381-2004)

Specifies an interchange format for the exchange of image-based fingerprint and palm print recognition data. This standard defines the content, format, and units of measurement for such information. This standard is intended for those identification and verification applications that require the use of raw or processed image data containing detailed pixel information.

Single copy price: \$30.00

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

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

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

BSR INCITS 385-2004 (R200x), Information technology - Face Recognition Format for Data Interchange (reaffirmation of ANSI INCITS 385-2004)

Specifies definitions of photographic (environment, subject pose, focus, etc.) properties, digital image attributes and a face interchange format for relevant applications, including human examination and computer-automated face recognition.

Single copy price: \$30.00

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

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

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

BSR INCITS 394-2004 (R200x), Information Technology - Application Profile for Interoperability, Data Interchange and Data Integrity of Biometric-Based Personal Identification for Border Management (reaffirmation of ANSI INCITS 394-2004)

Specifies the application profile to be used when incorporating biometrics-based identification and verification into border management applications and systems. Border management includes: pre-arrival, arrival, stay management, departure, and database reconciliation/management. It is broader than just border-crossing transactions and includes considerations beyond incorporating biometrics into machine-readable travel documents.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 5218-2004 (R200x), Information technology - Information Interchange - Representation of Human Sexes (reaffirmation of INCITS/ISO/IEC 5218-2004)

Specifies a uniform representation of human sexes for the interchange of information. It is intended to:

- reduce the time required to record and/or format the representation of sexes and transmit the corresponding data;
- improve clarity and accuracy of interchange;
- minimize the amount of human intervention required for communicating the representation of sexes; and
- reduce costs.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8824-1-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-1-1998)

Provides a standard notation called Abstract Syntax Notation One (ASN.1), which is used for the definition of data types, values, and constraints on data types.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8824-2-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object classes (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-2-1998)

Provides notation for specifying information object classes, information objects, and information object sets. This Recommendation | International Standard is part of Abstract Syntax Notation One (ASN.1).

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8824-3-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-3-2004)

Provides notation for specifying user-defined constraints, table constraints, and contents constraints. This Recommendation | International Standard is part of Abstract Syntax Notation One (ASN.1).

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8824-4-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-4-2004)

Defines notation for parameterization of ASN.1 specifications. This Recommendation | International Standard is part of Abstract Syntax Notation One (ASN.1).

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8825-1-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-1-1998)

Specifies a set of basic encoding rules that may be used to derive the specification of a transfer syntax for values of types defined using the notation specified in ITU-T Rec. X.680 | ISO/IEC 8824-1, ITU-T Rec. X.681 | ISO/IEC 8824-2, ITU-T Rec. X.682 | ISO/IEC 8824-3, and ITU-T Rec. X.683 | ISO/IEC 8824-4, collectively referred to as Abstract Syntax Notation One or ASN.1.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8825-2-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 2: Packed Encoding Rules (PER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-2-1998)

Specifies a set of Packed Encoding Rules that may be used to derive a transfer syntax for values of types defined in ITU-T Rec. X.680 | ISO/IEC 8824-1. These Packed Encoding Rules are also to be applied for decoding such a transfer syntax in order to identify the data values being transferred.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8825-3-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 3: Encoding Control Notation (ECN) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-3-2004)

Defines a notation for specifying encodings of ASN.1 types or of parts of types.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 8825-4-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 4: XML Encoding Rules (XER) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-4-2004)

Specifies a set of Basic XML Encoding Rules (XER) that may be used to derive a transfer syntax for values of types defined in ITU-T Rec. X.680 | ISO/IEC 8824-1 and ITU-T Rec. X.681 | ISO/IEC 8824-2.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 10746-2:1996 (R200x), Information Technology - Open Distributed Processing - Reference Model - Open Distributed Processing - Part 2: Foundations (reaffirmation of INCITS/ISO/IEC 10746-2:1996 (R2004))

Contains the concepts that are needed to perform the modeling of ODP systems, and the principles of conformance to ODP systems.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 10746-3-1996 (R200x), Information Technology - Open Distributed Processing - Reference Model: Architecture (reaffirmation of INCITS/ISO/IEC 10746-3-1996 (R2004))

Defines how ODP systems are specified, making use of concepts in ITU-T Recommendation X.902 (ISO/IEC 10746-2); identifies the characteristics that qualify systems as ODP systems.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 11160-1-1996 (R200x), Information Technology - Office Equipment - Minimum Information to be Included in Specification Sheets - Printers - Part 1: Class 1 and Class 2 Printers (reaffirmation of INCITS/ISO/IEC 11160-1-1996 (R2004))

Specifies the minimum information that shall be included in the specification sheets of printers enabling users to compare the characteristics of different machines and select a suitable printer. Applies to Class 3 and Class 4 printers in accordance with annex B for an office environment.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 11160-2-1996 (R200x), Information Technology - Office Equipment - Minimum information to be included in specification sheets - Printers - Part 2: Class 3 and Class 4 Printers (reaffirmation of INCITS/ISO/IEC 11160-2-1996 (R2004))

Specifies the minimum information that is to be included in the specification sheets of printers so that users may compare the characteristics of different machines and select a printer that meets their requirements. ISO/IEC 11160 will accommodate different classes of printers. This part covers Class 3 and Class 4 printers, as defined in annex B.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 11179-4-2004 (R200x), Information technology - Information technology - Metadata registries (MDR) - Part 4: Formulation of data elements (reaffirmation of INCITS/ISO/IEC 11179-4-2004)

Specifies requirements and recommendations for constructing definitions for data and metadata. Only semantic aspects of definitions are addressed; specifications for formatting the definitions are deemed unnecessary for the purposes of ISO/IEC 11179.

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 14772-2-2004 (R200x), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML) - Part 2: External authoring interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2-2004)

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

Single copy price: \$30.00

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

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

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

INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R200x), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding - Amendment 1: Enhanced interoperability (reaffirmation of INCITS/ISO/IEC 14772-1-1997/AM1-2004)

Defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 14772 defines a primary set of objects and mechanisms that encourage composition, encapsulation, and extension.

Single copy price: \$30.00

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

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

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

Withdrawals

INCITS/ISO 4232-2-1980 (R2004), Information technology - Office Machines - Minimum Information to be Included in Specifications Sheets - Part 2: Document Copying Machines (withdrawal of INCITS/ISO/IEC 4232-2-1980 (R2004))

Determines the minimum information to be included in the specification sheets of document copying machines for the users to compare directly the characteristics of different machines.

Single copy price: \$30.00

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

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

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

INCITS/ISO 4232-3-1984 (R2004), Information technology - Office Machines - Minimum Information to be Included in Specification Sheets - Part 3: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 4232-3-1984 (R2004))

Contains the minimum information to be included in the specification sheets of postal franking machines so that users may compare directly the characteristics of different machines.

Single copy price: \$30.00

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

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

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

INCITS/ISO 5138-7-1986 (R2004), Information technology - Office Machines - Vocabulary - Part 07: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 5138-7-1986 (R2004))

Outlines terms used for postal franking machines, their main functions and types, in order to facilitate international exchange. Contains bilingual (English, French) collection of words and definitions and indicates references between them.

Single copy price: \$30.00

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

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

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

Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

BSR INCITS 124.2-1988 (S200x), Information Systems - Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (stabilized maintenance of ANSI INCITS 124.2-1988 (R2004))

Specifies a language-independent nucleus of a graphics system. For integration into a programming language, GKS is embedded in a language-dependent layer obeying the particular conventions of that language. This part of INCITS 124 specifies such a language-dependent layer for the Pascal language.

Single copy price: \$30.00

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

INCITS/ISO 5138-1-1978 (S200x), Information technology - Office Machines - Office Machines - Vocabulary - Part 01: Dictation Equipment (stabilized maintenance of INCITS/ISO/IEC 5138-1-1978 (R2004))

Included bilingual vocabulary serves for facilitating international communication in the field of office machines. Establishes reference between entries. Covers vocabulary of dictation machines.

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INCITS/ISO 5138-2-1980 (S200x), Information technology - Office Machines - Vocabulary - Part 02: Duplicators (stabilized maintenance of INCITS/ISO/IEC 5138-2-1980 (R2004))

Included bilingual vocabulary is intended to facilitate international communication in the field of office machines. Establishes references between entries. Covers vocabulary of duplicators.

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INCITS/ISO 5138-3-1981 (S200x), Information technology - Office Machines - Vocabulary - Part 03: Addressing Machines (stabilized maintenance of INCITS/ISO 5138-3-1981 (R2004))

Included bilingual vocabulary is intended to facilitate international communication in the field of office machines. Establishes references between entries. Covers vocabulary of duplicators.

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INCITS/ISO 5138-5-1981 (S200x), Information technology - Office equipment - Part 05: Letter Folding Machines (stabilized maintenance of INCITS/ISO/IEC 5138-5-1981 (R2004))

Outlines terms used for letter folding machines, their main functions and types, in order to facilitate international exchange. Contains bilingual (English, French) collection of words and definitions and indicates references between them.

Single copy price: \$30.00

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INCITS/ISO/IEC 5138-4-1981 (S200x), Office Machines - Vocabulary - Part 04: Letter Opening Machines (stabilized maintenance of INCITS/ISO/IEC 5138-4-1981 (R2004))

Included bilingual vocabulary serves for facilitating international communication in the field of office machines. Establishes references between entries. Covers vocabulary of letter opening machines.

Single copy price: \$30.00

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

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

INCITS/ISO/IEC 5138-9-1984 (S200x), Information technology - Office machines - Part 9: Typewriters (stabilized maintenance of INCITS/ISO/IEC 5138-9-1984 (R2004))

Simplifies international communication in the field of office machines. Provides English and French terms and definitions of selected concepts and establishes connections between entries. Deals with their operating processes, types, functions and parts.

Single copy price: \$30.00

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

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INCITS/ISO/IEC 9592-1-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (stabilized maintenance of INCITS/ISO/IEC 9592-1-1997 (R2004))

Specifies a set of functions for computer graphics programming, the Programmer's Hierarchical Interactive Graphics Systems (PHIGS). PHIGS is a graphics system for application programs that produce computer generated pictures on output devices.

Single copy price: \$30.00

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

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INCITS/ISO/IEC 9592-2-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (stabilized maintenance of INCITS/ISO/IEC 9592-2-1997 (R2004))

Specifies a file format suitable for the storage and retrieval of PHIGS structure definitions. The file format consists of an ordered set of elements that can be used to describe structures in a way that is compatible between systems of different architectures and implementations supporting different programming languages.

Single copy price: \$30.00

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INCITS/ISO/IEC 9592-3-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (stabilized maintenance of INCITS/ISO/IEC 9592-3-1997 (R2004))

Specifies a clear-text encoding of the PHIGS archive file. For each of the archive file elements specified in ISO/IEC 9592-2, a clear text encoding is specified. This part of ISO/IEC 9592 specifies the overall format of the archive file and the means by which comments may be interspersed in the archive file.

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INCITS/ISO/IEC 9593-3-1990/AM1-1994 (S200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R2004))

Specifies a language-dependent layer for the Ada computer programming language.

Single copy price: \$30.00

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

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

INCITS/ISO/IEC 9593-4-1991/AM1-1994 (S200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R2004))

Specifies the behavior of DSAs taking part in the distributed Directory application. The allowed behavior has been designed so as to ensure a consistent service given a wide distribution of the DIB across many DSAs. The Directory is not intended to be a general purpose database system, although it may be built on such systems. It is assumed that there is a considerably higher frequency of queries than of updates.

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INCITS/ISO/IEC 9637-1-1994 (S200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1-1994 (R2004))

Specifies a character encoding of the Computer Graphics Interface. For each of the functions specified in ANSI/ISO/IEC 9637, an encoding is specified. Provides a highly compact representation of the data, suitable for applications that require the data to be of minimum size and suitable for transmission with character-oriented transmission services.

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INCITS/ISO/IEC 9637-2-1992 (S200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-2-1992 (R2004))

Specifies a Binary Encoding of the Computer Graphics Interface (CGI) data stream. For each of the functions syntaxes in clause 5 and clause 6 of ISO/IEC 9636-2, ISO/IEC 9636-3, ISO/IEC 9636-4, ISO/IEC 9636-5, and ISO/IEC 9636-6, an encoding is specified in terms of an opcode and a sequence of parameters of specified data types. For each of these data types, an explicit representation in terms of bits, 8-bit and 16-bit entities is specified. For some data types, the exact representation depends on a type and/or precision for the data as used in the data stream.

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INCITS/ISO/IEC 10641-1993 (S200x), Information Technology -
Computer Graphics and Image Processing - Conformance Testing of
Implementations of Graphic Standards (stabilized maintenance of
INCITS/ISO/IEC 10641-1993 (R2004))

Specifies a general framework for testing conformance to a computer graphics standard. The general framework described in this standard addresses the following six components:

- (a) conformance in the standard itself;
- (b) test requirements document, defining what shall be tested for a computer graphics standard;
- (c) test specifications document, addressing the test technique and the content of each test;
- (d) test method, defining the implementation of the test specification document, including the test software;
- (e) test procedures, defining the application the test software, which consists of the procedures to be used in conformance testing; and
- (f) the establishment of test services.

Single copy price: \$30.00

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

INCITS/ISO/IEC 11072-1992 (S200x), Information technology -
Computer graphics - Computer Graphics Reference Model (stabilized
maintenance of INCITS/ISO/IEC 11072-1992 (R2004))

Defines a set of concepts and their inter-relationships, which should be applicable to the complete range of future computer graphics standards. May be applied:

- to verify and refine requirements for computer graphics;
- to identify needs for computer graphics standards and external interfaces;
- to develop models based on requirements for computer graphics;
- to define the architecture of new computer graphics standards; and
- to compare computer graphics standards.

Single copy price: \$30.00

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www.global.ihs.com

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

INCITS/ISO/IEC 12087-2-1994 (S200x), Information Technology -
Computer Graphics and Image Processing - Image Processing and
Interchange (IPI) - Functional Specification - Part 2: Programmer's
Imaging Kernel System Application Program Interface (stabilized
maintenance of INCITS/ISO/IEC 12087-2-1994 (R2004))

Establishes the specification of the application program interface (API), called the Programmer's Imaging Kernel System (PIKS).

Single copy price: \$30.00

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www.global.ihs.com

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INCITS/ISO/IEC 12087-5-1998 (S200x), Information Technology -
Computer Graphics and Image Processing - Image Processing and
Interchange (IPI) - Functional Specification - Part 5: Basic Image
Interchange Format (BIIF) (stabilized maintenance of INCITS/ISO/IEC
12087-5-1998 (R2004))

Establishes the specification of the Basic Image Interchange Format (BIIF) part of the standard. BIIF is a standard developed to provide a foundation for interoperability in the interchange of imagery and imagery-related data among applications.

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INCITS/ISO/IEC 12089-1997 (S200x), Information Technology -
Computer Graphics and Image Processing - Encoding for the Image
Interchange Facility (IIF) (stabilized maintenance of INCITS/ISO/IEC
12089-1997 (R2004))

Defines the encoding rules that shall apply to the representation of IPI-IIF image data. The IPI-IIF data format is defined in American National Standard for Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 3: Image Interchange Facility (IIF), ANSI/ISO/IEC 12087-3. It is Part 3 of the Image Processing and Interchange International Standard, defined in ISO/IEC 12087. The IPI-IIF facilitates the interchange of digital images.

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INCITS/ISO/IEC 14478-1-1998 (S200x), Information Technology -
Computer Graphics and Image Processing - Presentation
Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals
of PREMO (stabilized maintenance of INCITS/ISO/IEC 14478-1-1998
(R2004))

Defines a flexible environment to encompass modular functionality and is extensible through the creation of future components, both within and outside of standards committees. This standard supports a wide range of multimedia applications in a consistent way, from simple drawings up to full-motion video, sound and virtual-reality environments.

Single copy price: \$30.00

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

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INCITS/ISO/IEC 14478-2-1998 (S200x), Information Technology -
Computer Graphics and Image Processing - Presentation
Environment for Multimedia Objects (PREMO) - Part 2 - Foundation
Component (stabilized maintenance of INCITS/ISO/IEC 14478-2-1998
(R2004))

Lists an initial set of object types and non-object types useful for the construction of, presentation of, and interaction with multimedia information. The foundation component is dependent on the PREMO object model defined in clause 8 of ISO/IEC 14478-1 and does not depend on any other components.

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INCITS/ISO/IEC 14478-3-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (stabilized maintenance of INCITS/ISO/IEC 14478-3-1998 (R2004))

Defines a standard set of multimedia system services that can be used by multimedia application developers in a variety of computing environments. The focus is on enabling multimedia applications in a heterogeneous, distributed computing environment. Throughout this document, this Part of ISO/IEC 14478 will also be referred to as "Multimedia System Services" and abbreviated as MSS.

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INCITS/ISO/IEC 14478-4-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (stabilized maintenance of INCITS/ISO/IEC 14478-4-1998 (R2004))

Describes a set of object types and non-object types to provide the construction of, presentation of, and the interaction with multimedia information. The multimedia information can be graphics, video, audio, or other types of presentable media. This information can be enhanced by time aspects.

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UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 514B-200x, Standard for Safety for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B-2007)

For Scope, see Information Concerning section of this issue of "Standards Action" ([page XX](#)).

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 1004-1-200x, Standard for Safety for Rotating Electrical Machines - General Requirements (revision of ANSI/UL 1004-1-2008)

The following revisions are proposed:

- Evaluation of controls to Section 7;
- Motors provided with controls;
- Editorial Revisions to Table 9.4;
- Replacement of UL probe with IEC probe in Figure 13.1;
- Evaluation of materials requirements to Section 22, Electrical Insulation;
- Addition of an Exception to 23.4 for insulation systems;
- Addition of Exceptions to 24.3 for crossover insulation;
- Addition of an Exception to Section 28, Non-metallic Functional Parts;
- Testing at ambient temperatures;
- Clarification of the Motor Rating Test;
- Reduction in time between resistance readings after deenergization of the motor; and
- Clarification of the ambient temperature marking in 43.1.

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Send comments (with copy to BSR) to: Jonette Herman, (919) 549-1400 x11479, Jonette.A.Herman@us.ul.com

BSR/UL 60745-2-11-200x, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular Requirements for Reciprocating Saws (Jig and Sabre Saws) (revision of ANSI/UL 60745-2-11-2004)

Covers:

(1) Proposed revisions to align with Amendment No. 1 for IEC 60745-2-11, second edition.

Single copy price: Contact comm2000 for pricing and delivery options

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Order from: comm2000

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Reaffirmations

BSR/UL 497-2004 (R200x), Standard for Safety for Protectors for Paired-Conductor Communications Circuits (reaffirmation of ANSI/UL 497-2004)

Covers protectors for paired-conductor communications circuits to be used in accordance with Article 800 of the National Electrical Code, NFPA 70.

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: Derrick Martin, (408) 754-6656, Derrick.L.Martin@us.ul.com

Comment Deadline: March 31, 2009

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

ABMA (ASC B3) (American Bearing Manufacturers Association)

New National Adoptions

BSR/ISO/ABMA 1132-1-200x, Rolling bearings - Tolerances - Part 1: Terms and definitions (identical national adoption of ISO 1132-1)

Defines terms used in International Standards specifying tolerances for boundary dimensions, geometrical accuracy, running accuracy and internal clearance for rolling bearings. In addition, This standard specifies general conditions under which these tolerances apply and gives symbols for a number of the concepts defined.

Single copy price: \$38.00

Order from: Maurice Maloney, (202) 367-2357, mmaloney@americanbearings.org

Send comments (with copy to BSR) to: James Converse, (919) 481-2852, jconverse@americanbearings.org

BSR/ISO/ABMA 1132-2-200x, Rolling bearings - Tolerances - Part 2: Measuring and gauging principles and methods (identical national adoption of ISO 1132-2)

Establishes guidelines for measurement of dimensions, running accuracy and internal clearance of rolling bearings. The purpose is to outline the fundamentals of various measuring and gauging principles that may be used in order to clarify and comply with the definitions of ISO 1132-1 and ISO 5593.

Single copy price: \$38.00

Order from: Maurice Maloney, (202) 367-2357, mmaloney@americanbearings.org

Send comments (with copy to BSR) to: James Converse, (919) 481-2852, jconverse@americanbearings.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B18.18.2M-200x, Inspection and Quality Assurance for High-Volume Machine Assembly Fasteners (revision of ANSI/ASME B18.18.2M-1987 (R2005))

Outlines a Quality Assurance Plan for internally and externally threaded fasteners and accessories or associated parts. Provisions are included for sampling plans, inspection frequencies, control procedures, and record keeping.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Angel Guzman, (212) 591-8018, guzman@asme.org

ASSE (ASC Z359) (American Society of Safety Engineers)

New Standards

BSR/ASSE Z359.13-200x, Safety Requirements for Lanyards and Energy Absorbers for Personal Fall Arrest Systems (PFAS) (new standard)

Establishes requirements for the performance, design, marking, qualification, instructions, inspection, maintenance, and removal from service of energy absorbing lanyards and users of personal energy absorbers within the range of 130 to 310 lbs (59 - 140 kg).

Single copy price: \$50.00

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.org

Send comments (with copy to BSR) to: Same

ASSE (ASC Z490) (American Society of Safety Engineers)

Revisions

BSR/ASSE Z490.1-200x, Criteria for Accepted Practices in Safety, Health, and Environmental Training (revision and redesignation of ANSI Z490.1-2001)

Establishes criteria for safety, health, and environmental training programs, including development, delivery, evaluation, and program management.

Single copy price: \$50.00

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Call for Comment Contact Information

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

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Phone: (202) 367-2357
Web: www.abma-dc.org

ADA (ORGANIZATION)

American Dental Association
211 E. Chicago
Chicago, IL 60611
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Fax: (312) 440-2529
Web: www.ada.org

ASABE

American Society of Agricultural
and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 429-0300
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ASME

American Society of Mechanical
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3 Park Avenue, 20th Floor (20N2)
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Fax: (212) 591-8501
Web: www.asme.org

ASSE (Z590)

American Society of Safety
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1800 East Oakton Street
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Fax: (847) 768-3411
Web: www.asse.org

AWS

American Welding Society
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Fax: (305) 443-5951
Web: www.aws.org

comm2000

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2025 M Street, NW, Suite 800
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Web: www.abma-dc.org

ADA (ORGANIZATION)

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Chicago, IL 60611
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Fax: (312) 440-2529
Web: www.ada.org

ASABE

American Society of Agricultural
and Biological Engineers
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Web: www.asabe.org

ASME

American Society of Mechanical
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ASSE (Z590)

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Web: www.asse.org

AWS

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Web: www.aws.org

ITI (INCITS)

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NSF

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UL

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Northbrook, IL 60062-2096
Phone: (847) 664-3198
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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: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Sonia Balboni*

Phone: (703) 525-4890

Fax: (703) 276-0793

E-mail: sbalboni@aami.org

BSR/AAMI ST84-200x, Sterilization of health care products - Radiation - Substantiation of a selected sterilization dose - Method Vdmax (new standard)

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

Office: 1250 Eye Street, NW, Suite 200
Washington, DC 20005

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BSR INCITS 124.2-1988 (S200x), Information Systems Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (stabilized maintenance of ANSI INCITS 124.2-1988 (R2004))

BSR INCITS 377-2004 (R200x), Information technology - Finger Pattern Based Interchange Format (reaffirmation of ANSI INCITS 377-2004)

BSR INCITS 381-2004 (R200x), Information technology - Finger Image-Based Data Interchange Format (reaffirmation of ANSI INCITS 381-2004)

BSR INCITS 385-2004 (R200x), Information technology - Face Recognition Format for Data Interchange (reaffirmation of ANSI INCITS 385-2004)

BSR INCITS 394-2004 (R200x), Information Technology - Application Profile for Interoperability, Data Interchange and Data Integrity of Biometric-Based Personal Identification for Border Management (reaffirmation of ANSI INCITS 394-2004)

BSR/INCITS/ISO/IEC 10021-8-200x, Information technology - Message Handling Systems (MHS) - Part 8: Electronic Data Interchange Messaging Service (identical national adoption and revision of INCITS/ISO/IEC 10021-8-1995 (R2004))

BSR/INCITS/ISO/IEC 10021-9-200x, Information technology - Message Handling Systems (MHS) - Electronic Data Interchange Messaging System - Part 9: Electronic Data Interchange (identical national adoption of ISO/IEC 10021-9:1999)

INCITS/ISO 4232-2-1980, Information technology - Office Machines - Minimum Information to be Included in Specifications Sheets - Part 2: Document Copying Machines (withdrawal of INCITS/ISO/IEC 4232-2-1980 (R2004))

INCITS/ISO 4232-3-1984, Information technology - Office Machines - Minimum Information to be Included in Specification Sheets - Part 3: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 4232-3-1984 (R2004))

INCITS/ISO 5138-1-1978 (S2009), Information technology - Office Machines - Office Machines - Vocabulary - Part 01: Dictation Equipment (stabilized maintenance of INCITS/ISO/IEC 5138-1-1978 (R2004))

INCITS/ISO 5138-2-1980 (S2009), Information technology - Office Machines - Vocabulary - Part 02: Duplicators (stabilized maintenance of INCITS/ISO/IEC 5138-2-1980 (R2004))

INCITS/ISO 5138-3-1981 (S2009), Information technology - Office Machines - Vocabulary - Part 03: Addressing Machines (stabilized maintenance of INCITS/ISO 5138-3-1981 (R2004))

INCITS/ISO 5138-5-1981 (S2009), Information technology - Office equipment - Part 05: Letter Folding Machines (stabilized maintenance of INCITS/ISO/IEC 5138-5-1981 (R2004))

INCITS/ISO 5138-7-1986 [R2004], Information technology - Office Machines - Vocabulary - Part 07: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 5138-7-1986 (R2004))

INCITS/ISO/IEC 5138-4-1981 (S200x), Office Machines - Vocabulary - Part 04: Letter Opening Machines (stabilized maintenance of INCITS/ISO/IEC 5138-4-1981 (R2004))

INCITS/ISO/IEC 5138-9-1984 (S200x), Information technology - Office machines - Part 9: Typewriters (stabilized maintenance of INCITS/ISO/IEC 5138-9-1984 (R2004))

INCITS/ISO/IEC 5218-2004 [R2008], Information technology - Information Interchange - Representation of Human Sexes (reaffirmation of INCITS/ISO/IEC 5218-2004)

INCITS/ISO/IEC 8824-1-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-1-1998)

INCITS/ISO/IEC 8824-2-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object classes (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-2-1998)

INCITS/ISO/IEC 8824-3-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-3-2004)

INCITS/ISO/IEC 8824-4-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-4-2004)

INCITS/ISO/IEC 8825-1-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-1-1998)

INCITS/ISO/IEC 8825-2-1998 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 2: Packed Encoding Rules (PER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-2-1998)

INCITS/ISO/IEC 8825-3-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 3: Encoding Control Notation (ECN) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-3-2004)

INCITS/ISO/IEC 8825-4-2004 (R200x), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 4: XML Encoding Rules (XER) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-4-2004)

- INCITS/ISO/IEC 9592-1-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (stabilized maintenance of INCITS/ISO/IEC 9592-1-1997 (R2004))
- INCITS/ISO/IEC 9592-2-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (stabilized maintenance of INCITS/ISO/IEC 9592-2-1997 (R2004))
- INCITS/ISO/IEC 9592-3-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (stabilized maintenance of INCITS/ISO/IEC 9592-3-1997 (R2004))
- INCITS/ISO/IEC 9593-3-1990/AM1-1994 (S200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R2004))
- INCITS/ISO/IEC 9593-4-1991/AM1-1994 (S200x), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R2004))
- INCITS/ISO/IEC 9637-1-1994 (S200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1-1994 (R2004))
- INCITS/ISO/IEC 9637-2-1992 (S200x), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-2-1992 (R2004))
- INCITS/ISO/IEC 10641-1993 (S200x), Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards (stabilized maintenance of INCITS/ISO/IEC 10641-1993 (R2004))
- INCITS/ISO/IEC 10746-3-1996 (R200x), Information Technology - Open Distributed Processing - Reference Model: Architecture (reaffirmation of INCITS/ISO/IEC 10746-3-1996 (R2004))
- INCITS/ISO/IEC 10746-2:1996 (R2004), Information Technology - Open Distributed Processing - Reference Model - Open Distributed Processing - Part 2: Foundations (reaffirmation of INCITS/ISO/IEC 10746-2-1996 (R2004))
- INCITS/ISO/IEC 11072-1992 (S200x), Information technology - Computer graphics - Computer Graphics Reference Model (stabilized maintenance of INCITS/ISO/IEC 11072-1992 (R2004))
- INCITS/ISO/IEC 11160-2-1996 (R200x), Information Technology - Office Equipment - Minimum information to be included in specification sheets - Printers - Part 2: Class 3 and Class 4 Printers (reaffirmation of INCITS/ISO/IEC 11160-2-1996 (R2004))
- INCITS/ISO/IEC 11160-1-1996 [R2009], Information Technology - Office Equipment - Minimum Information to be Included in Specification Sheets - Printers - Part 1: Class 1 and Class 2 Printers (reaffirmation of INCITS/ISO/IEC 11160-1-1996 (R2004))
- INCITS/ISO/IEC 11179-4-2004 (R200x), Information technology - Information technology - Metadata registries (MDR) - Part 4: Formulation of data elements (reaffirmation of INCITS/ISO/IEC 11179-4-2004)
- INCITS/ISO/IEC 12087-2-1994 (S200x), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 2: Programmer's Imaging Kernel System Application Program Interface (stabilized maintenance of INCITS/ISO/IEC 12087-2-1994 (R2004))
- INCITS/ISO/IEC 12087-5-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) (stabilized maintenance of INCITS/ISO/IEC 12087-5-1998 (R2004))
- INCITS/ISO/IEC 12089-1997 (S200x), Information Technology - Computer Graphics and Image Processing - Encoding for the Image Interchange Facility (IIF) (stabilized maintenance of INCITS/ISO/IEC 12089-1997 (R2004))
- INCITS/ISO/IEC 14478-1-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO (stabilized maintenance of INCITS/ISO/IEC 14478-1-1998 (R2004))
- INCITS/ISO/IEC 14478-2-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component (stabilized maintenance of INCITS/ISO/IEC 14478-2-1998 (R2004))
- INCITS/ISO/IEC 14478-3-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (stabilized maintenance of INCITS/ISO/IEC 14478-3-1998 (R2004))
- INCITS/ISO/IEC 14478-4-1998 (S200x), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (stabilized maintenance of INCITS/ISO/IEC 14478-4-1998 (R2004))
- INCITS/ISO/IEC 14772-2-2004 (R200x), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML) - Part 2: External authoring interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2-2004)
- INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R200x), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding - Amendment 1: Enhanced interoperability (reaffirmation of INCITS/ISO/IEC 14772-1-1997/AM1-2004)

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.

ACCA (Air Conditioning Contractors of America)

Revisions

ANSI/ACCA 1 Manual D -2009, Residential Duct System Design
(revision and redesignation of ANSI Man "D"/ ACCA 1-2002):
1/22/2009

CEMA (Conveyer Equipment Manufacturers Association)

Revisions

ANSI/CEMA 401-2009, Roller Conveyors Non-Powered (revision of
ANSI/CEMA 401-2003): 1/22/2009

ANSI/CEMA 402-2009, Belt Conveyors (revision of ANSI/CEMA
402-2003): 1/22/2009

ANSI/CEMA 403-2009, Belt Driven Live Roller Conveyors (revision of
ANSI/CEMA 403-2003): 1/22/2009

ANSI/CEMA 404-2009, Chain Driven Live Roller Conveyors (revision
of ANSI/CEMA 404-2003): 1/22/2009

ANSI/CEMA 405-2009, Slat Conveyors (revision of ANSI/CEMA
405-2003): 1/22/2009

ANSI/CEMA 406-2009, Lineshaft Driven Live Roller Conveyors
(revision of ANSI/CEMA 406-2003): 1/22/2009

ISEA (International Safety Equipment Association)

Revisions

ANSI/ISEA Z89.1-2009, Industrial Head Protection (revision and
redesignation of ANSI Z89.1-2003): 1/26/2009

NSF (NSF International)

Revisions

ANSI/NSF 46-2009 (i18), Evaluation of components and devices used
in wastewater treatment systems (revision of ANSI/NSF 46-2007):
1/16/2009

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 570-B-1-2009, Residential Telecommunications
Infrastructure Standard - Addendum 1: Additional Requirements for
Broadband Coaxial Cabling (addenda to ANSI/TIA 570-B-2004):
1/22/2009

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 325-2009, Standard for Safety for Door, Drapery, Gate,
Louver, and Window Operators and Systems (Proposal dated March
28, 2008) (revision of ANSI/UL 325-2007): 1/14/2009

ANSI/UL 325-2009, Standard for Safety for Door, Drapery, Gate,
Louver, and Window Operators and Systems (Proposal dated May
2, 2008) (revision of ANSI/UL 325-2007): 1/14/2009

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI ST84-200x, Sterilization of health care products - Radiation
- Substantiation of a selected sterilization dose - Method Vdmax
(new standard)

Stakeholders: Regulatory authorities, medical device manufacturers, healthcare professionals, clinicians.

Project Need: To revise AAMI TIR33:2005 and upgrade it to an American National Standard.

Describes a method of substantiating a selected dose for a sterility assurance level (SAL) of 10⁻⁶ for radiation sterilization of health care products. Also specifies a method of dose auditing to demonstrate the continued effectiveness of the sterilization dose. This method of sterilization dose substantiation may be used to meet the product qualification requirements specified in ANSI/AAMI/ISO 11137. This method, as described, is for the substantiation of the specified doses only and cannot be used to substantiate other sterilization doses.

AISI (American Iron and Steel Institute)

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Washington, DC 20036

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BSR/AISI S100-200x, North American Specification for the Design of Cold-Formed Steel Structural Members (revision of ANSI/AISI S100-2007)

Stakeholders: Cold-formed steel framing industry.

Project Need: With new research findings, the current standard will be updated and improved.

Determines member and connection strengths of cold-formed carbon and low-alloy steels. It also provides methodology for determining resistance factors of cold-formed carbon and low alloy steel members and connections via tests. This Specification is applicable to the United States, Canada, and Mexico.

BSR/AISI S110-200x, Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision of ANSI/AISI S110-2008)

Stakeholders: Cold-formed steel, messanine steel structures.

Project Need: With new research findings, the current standards will be improved and expanded.

Provides provisions for the design, fabrication and installation of cold-formed steel members and connections in the seismic-load-resisting systems of buildings and other structures. Light-framed shear walls, diagonal strap bracing (that is part of a structural wall) and diaphragms to resist seismic loads are designed in accordance with AISI S213.

BSR/AISI S210-200x, North American Standard for Cold-Formed Steel Framing - Floor and Roof System Design (revision of ANSI/AISI S210-2007)

Stakeholders: Cold-formed steel framing industry.

Project Need: To provide state-of-the-art technical information and specifications on cold-formed steel framing for floor and roof systems.

Governs the design and installation of cold-formed steel framing for floor and roof systems in buildings.

BSR/AISI S213-200x, North American Standard for Cold-Formed Steel Framing - Lateral Design (revision of ANSI/AISI S213-2007)

Stakeholders: Cold-formed steel framing industry.

Project Need: With new research findings, the current standard will be updated and improved.

Provides the design requirements for cold-formed steel-framed shear walls, diagonal strap bracing (that is part of a structural wall), and diaphragms to resist wind and seismic loads in buildings.

BSR/AISI S214-10-200x, North American Standard for Cold-Formed Steel Framing - Truss Design (revision and redesignation of ANSI/AISI S214-07/S2-2008)

Stakeholders: Cold-formed steel framing industry.

Project Need: With new research findings, the current standard will be updated and improved.

Governs the design of cold-formed steel trusses for load-carrying purposes in buildings, including manufacturing, quality criteria, installation, and testing as they relate to the design of cold-formed steel trusses.

BSR/AISI S215-200x, North American Standard for Cold-Formed Steel Framing - Wall System Design (revision, redesignation and consolidation of ANSI/AISI S211-2007)

Stakeholders: Cold-formed steel framing industry.

Project Need: With new research findings, the current standards will be updated and improved.

Governs the design and installation of cold-formed steel framing for wall systems in buildings.

ASME (American Society of Mechanical Engineers)

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BSR/ASME B16.14-200x, Ferrous Pipe Plugs, Bushings, and Locknuts with Pipe Threads (new standard)

Stakeholders: Manufacturers and consumers.

Project Need: To create an accepted standard for the pressure-temperature ratings, size, marking, materials, dimensions and tolerances, threading, and pattern taper for ferrous pipe plugs, bushings, and locknuts with pipe threads to be used in everyday commerce.

Covers:

- (a) Pressure-temperature ratings;
- (b) size;
- (c) marking;
- (d) materials;
- (e) dimensions and tolerances;
- (f) threading; and
- (g) pattern taper.

BSR/ASME B18.2.6-200x, Fasteners for Use in Structural Applications (revision of ANSI/ASME B18.2.6-2006)

Stakeholders: Users, distributors, and manufacturers of fasteners used in structural applications.

Project Need: To update the standard to reflect the state of the art.

Covers the complete general and dimensional data for five products in the inch series recognized as "American National Standard." These five structural products include:

- (a) Heavy hex structural bolts: ASTM A325 and/or ASTM A490;
- (b) Heavy hex nuts: ASTM A56;
- (c) Hardened steel washers; Circular, circular clipped, or beveled: ASTM F436;
- (d) Compressible washer-type direct tension indicators: ASTM F959; and
- (e) Twist-off-type tension control structural bolts: Heavy hex and round: ASTM F1852 and ASTM F2280.

BSR/ASME B18.31.4M-200x, Threaded Rod (Metric Series) (new standard)

Stakeholders: Users, distributors, and manufacturers.

Project Need: To publish a standard that covers threaded rod (metric series) information.

Covers the complete general and dimensional data for metric series threaded rod recognized as "American National Standard." This standard is applicable to both fine and coarse metric series threads of diameters from M1.6 to M100. The inclusion of dimensional data in this standard is not intended to imply that all of the products described in this standard are stock production sizes. Consumers should consult with suppliers concerning lists of stock production sizes.

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

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Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

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BSR/ASSE A10.21-200x, Safe Construction and Demolition of Wind Generation/Turbine Facilities (new standard)

Stakeholders: SH&E professionals working in the construction and demolitions industry.

Project Need: To create a standard based upon the consensus of the A10 ASC.

Establishes the minimum requirements for protecting the safety and health of employees involved in construction and demolition operations addressing wind generation/turbine facilities.

ASTM (ASTM International)

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

Contact: *Jeff Richardson*

Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK22318-200x, New Practice for Specimen Preparation and Mounting of Insulation Facings to Assess Surface Burning Characteristics (new standard)

Stakeholders: Fire standards industry.

Project Need:

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK22318.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK22318.htm>

CEMA (Conveyer Equipment Manufacturers Association)

Office: 6724 Lone Oak Blvd.
Naples, FL 34109

Contact: *Philip Hannigan*

Fax: (239) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA B105.1-200x, Specifications for Welded Steel Conveyor Pulleys with Compression Type Hubs (revision of ANSI/CEMA B105.1-2003)

Stakeholders: Conveyor manufacturers, purchasers, and users.

Project Need: To comply with the standard's five-year review/reaffirm schedule.

Provides recommended load ratings, dimensional information, and criteria for selection of welded steel conveyor pulleys with compression-type hubs.

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Office: 100 Bureau Drive Mail Stop 8642
NIST
Gaithersburg, MD 20899-8462

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E-mail: unterweg@nist.gov; w.ash@ieee.org

BSR N42.39A-200x, Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard)

Stakeholders: US Department of Homeland Security, and emergency responders (fire departments, police).

Project Need: To provide the performance criteria and tests for alarming electronic personal emergency radiation detectors (PERDs) for exposure control.

Establishes minimum performance criteria and test requirements for four categories of alarming electronic radiation measurement instruments used to control the exposure of emergency responders to photon radiation.

BSR N42.49B-200x, Performance Criteria for Non-Alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard)

Stakeholders: US Department of Homeland Security, and emergency responders (fire departments, police).

Project Need: To provide the performance criteria and tests for non-alarming personal emergency radiation detectors (PERDs) for exposure control.

Establishes minimum performance criteria and test requirements for non-alarming radiation detectors used to control the exposure of emergency responders to photon radiation. The devices are designed to be worn or carried by an individual and shall provide rapid and clear indication of the level of accumulated radiation dose.

NFPA2 (National Fluid Power Association)

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Milwaukee, WI 53222

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BSR/(NFPA) T3.6.8 R-200x, Fluid power systems - Cylinders -
Dimensions for accessories for catalogued square head industrial
types (revision of ANSI/(NFPA) T3.6.8 R-2007)

Stakeholders: Manufacturers and users of accessories for
square-head industrial cylinders.

Project Need: To bring this document in harmony with ANSI/(NFPA)
T3.6.7 R3-200x.

Revises current document, ANSI/(NFPA)T3.6.8 R2-2007, to have
dimensional tolerances similar to ANSI/(NFPA)T3.6.7 R3-200x. Adds
dimensions for accessories compatible with "flanged" piston rod ends
recently added to document ANSI/(NFPA)T3.6.7 R3-200x.

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
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- GEIA
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ISO and IEC Draft International Standards



This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are 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 and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 15686-10, Buildings and constructed assets - Service life planning - Part 10: When to assess functional performance - 4/24/2009, \$98.00

GRAPHICAL SYMBOLS (TC 145)

ISO/DIS 28564-1, Public information guidance systems - Part 1: Design principles and element requirements for location plans, maps and diagrams - 4/27/2009, \$82.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 27048, Radiation protection - Dose assessment for the monitoring of workers for internal radiation exposure - 4/27/2009, \$119.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 11476, Paper and board - Determination of CIE-whiteness, C/2 degrees (indoor illumination conditions) - 4/27/2009, \$62.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 13982-1/DAm1, Protective clothing for use against solid particulates - Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing) - Draft Amendment 1 - 4/23/2009, \$29.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 813, Rubber, vulcanized or thermoplastic - Determination of adhesion to a rigid substrate - 90 degree peel method - 4/27/2009, \$53.00

ISO/DIS 10638, Raw rubber, latex, rubber compounds and rubber products - Identification of antidegradants by gas chromatography/mass spectrometry - 4/24/2009, \$112.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 22840, Intelligent transport systems - Devices to aid reverse manoeuvres - Extended range backing aid systems (ERBA) - 4/24/2009, \$88.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 16992, Passenger car tyres - Spare unit substitutive equipment (SUSE) - 4/24/2009, \$53.00

IEC Standards

1/2081/FDIS, IEC 60050-103 Ed.1: International Electrotechnical Vocabulary - Part 103: Mathematics - Functions, 03/13/2009

9/1225/FDIS, IEC 62313 Ed.1: Railway applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock, 03/13/2009

23C/149/FDIS, IEC 60906-1 Ed.2: IEC System of plugs and socket-outlets for household and similar purposes - Part 1: Plugs and socket-outlets 16 A 250 V a.c., 03/13/2009

45B/603/FDIS, IEC 60846-1 Ed.1: Radiation protection instrumentation - Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation - Part 1: Portable workplace and environmental meters and monitors, 03/13/2009

17A/857/FDIS, IEC 62271-104 Ed.1: High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages of 52 kV and above, 03/20/2009

31/784/FDIS, IEC 60079-18 Ed. 3.0: Explosive atmospheres - Part 18: Equipment protection by encapsulation "m", 03/20/2009

34B/1426/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps - Amendment 41, 03/20/2009

34B/1427/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders - Amendment 38, 03/20/2009

34B/1428/FDIS, IEC 60061: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges - Amendment 39, 03/20/2009

47/2010/FDIS, IEC 60749-20-1, Ed.1: Semiconductor devices - Mechanical and climatic test methods - Part 20-1: Handling, packing, labelling and shipping of surface-mount devices sensitive to the combined effect of moisture and soldering heat, 03/20/2009

47F/15/FDIS, IEC 62047-6, Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 6: Axial fatigue testing methods of thin film materials, 03/20/2009

57/986/FDIS, IEC 61970-301 Ed.2: Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base, 03/20/2009

- 78/783/FDIS, IEC 61482-2 Ed.1: Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, 03/20/2009
- 78/784/FDIS, IEC 61111 Ed.2: Live working - Electrical insulating matting, 03/20/2009
- 78/785/FDIS, IEC 61112 Ed.2: Live working - Electrical insulating blankets, 03/20/2009
- 110/168/FDIS, IEC 62341-1-1, Ed. 1: Organic light emitting diode (OLED) displays - Part 1-1: Generic specifications, 03/20/2009
- 17B/1653/FDIS, IEC 60947-5-1 A1 Ed.3: Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, 03/27/2009
- 17B/1654/FDIS, IEC 60947-7-1 Ed.3: Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors, 03/27/2009
- 17B/1655/FDIS, IEC 60947-7-2 Ed.3: Low-voltage switchgear and controlgear - Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors, 03/27/2009
- 31J/166/FDIS, IEC 60079-10-2 Ed. 1.0: Explosive atmospheres - Part 10-2: Classification of areas - Combustible dust atmospheres, 03/27/2009
- 45A/728/FDIS, IEC 61772 Ed.2: Nuclear power plants - Control rooms - Application of Visual Display Units (VDUs), 03/27/2009
- 45A/729/FDIS, IEC 60768 Ed.2: Nuclear Power Plants - Instrumentation important to safety - Equipment for continuous in-line or on-line monitoring of radioactivity in process streams for normal and incident conditions, 03/27/2009
- 62D/736A/FDIS, IEC 60601-2-50 Ed.2: Medical electrical equipment - Part 2-50: Particular requirements for basic safety and essential performance of infant phototherapy equipment (This document cancels and replaces 62D/736/FDIS.), 02/27/2009
- 82/558/FDIS, IEC 62446 Ed.1: Grid connected photovoltaic systems - Minimum requirements for system documentation, commissioning tests and inspection, 03/27/2009
- 110/169/FDIS, IEC 61747-5-3, Ed. 1: Liquid crystal display devices - Part 5-3: Environmental, endurance and mechanical test methods - Glass strength and reliability, 03/27/2009



Newly Published ISO Standards

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

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

[ISO 23553-1/Cor1:2009](#), Safety and control devices for oil burners and oil-burning appliances - Particular requirements - Part 1: Shut-off devices for oil burners - Corrigendum, FREE

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO 463/Cor2:2009](#), Geometrical Product Specifications (GPS) - Dimensional measuring equipment - Design and metrological characteristics of mechanical dial gauges - Corrigendum, FREE

FIRE SAFETY (TC 92)

[ISO 834-9/Cor1:2009](#), Fire-resistance tests - Elements of building construction - Part 9: Specific requirements for non-loadbearing ceiling elements - Corrigendum, FREE

[ISO 10295-2:2009](#), Fire tests for building elements and components - Fire testing of service installations - Part 2: Linear joint (gap) seals, \$110.00

HOROLOGY (TC 114)

[ISO 1112:2009](#), Horology - Functional and non-functional jewels, \$43.00

ROAD VEHICLES (TC 22)

[ISO 4141-4:2009](#), Road vehicles - Multi-core connecting cables - Part 4: Test methods and requirements for coiled cable assemblies, \$65.00

[ISO 6550-3:2009](#), Road vehicles - Sheath-type glow-plugs with conical seating and their cylinder head housing - Part 3: M10 glow-plugs, \$65.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 5821:2009](#), Resistance welding - Spot welding electrode caps, \$65.00

ISO Technical Specifications

VACUUM TECHNOLOGY (TC 112)

[ISO/TS 27893:2009](#), Vacuum technology - Vacuum gauges - Evaluation of the uncertainties of results of calibrations by direct comparison with a reference gauge, \$86.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19796-3:2009](#), Information technology - Learning, education and training - Quality management, assurance and metrics - Part 3: Reference methods and metrics, \$135.00

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 14496-9:2009](#), Information technology - Coding of audio-visual objects - Part 9: Reference hardware description, \$335.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

UL Scope

BSR/UL 514B-200x, Standard for Safety for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B-2007)

Covers:

- (1) Revision to Clause 1.2 to add box clamps to the list of products that are covered by this standard;
- (2) Revision of Clause 5.1.3.1 and addition of new Clauses 7.20.1, 7.20.2, and 8.5A to provide construction, marking, and performance requirements needed to evaluate fittings with alternative corrosion protection;
- (3) Revision to Clauses 5.2.1.2 and 5.2.1.4 to add references to ANCE Mexican National Standards to align with the referenced CSA and UL standards;
- (4) Revision to Clause 7.12.3 to specify that the largest two-conductor cable size is not required to be marked for metal-clad cable;
- (5) Revision to Clauses 6.2.3, 8.14.1.1, and 8.21.1.1 to clarify test requirements and add marking requirements specific to Type ACG90 and Type ACGWU90;
- (6) Revision to Clause 8.20.6.1 to add a note referencing NMX-T-152-SCFI and ASTM D792 to provide information on measuring the specific gravity of PVC;
- (7) Revision to Clause 8.24 to specify that cable clamps intended for use with non-metallic sheathed cables and the corresponding fittings shall be subjected to the tests specified in Clause 8.24;
- (8) Revision of Clause 6.1.1 and addition of Clause 6.2.4 to clarify that for assemblies, other than flexible metal conduit fittings and armored cable and aluminum sheathed cable, the manufacturer can specify the assembly torque;

(9) Revision of Clause 8.27.2.1 to not allow any deformation of a metal gland or a direct-bearing metal clamp during assembly for testing, and addition of new Clause 8.27.2.4 to allow use of mandrels as substitutes for tray cable during the assembly test; and

(10) Editorial changes to Clauses 2.2 and 8.12.1.2 and Annex A to update the reference to CSA C22. 2 No. 45 and to add references to NMX-J-565/3-ANCE-2006, NMX-T-152-SCFI-2004, and ASTM D792-00.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

To return to Call-for-Comments section, click here.

ANSI Accredited Standards Developers

Approval of Accreditation

International Kitchen Exhaust Cleaning Association (IKECA)

ANSI's Executive Standards Council has approved the International Kitchen Exhaust Cleaning Association (IKECA), a new ANSI Organizational Member in November 2007, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on proposed American National Standards, effective January 23, 2009. For additional information, please contact: Mr. Glenn Fellman, Executive Vice-President, IKECA, 12339 Carroll Avenue, Rockville, MD 20852; PHONE: (301) 230-0099; FAX: (301) 231-4871; E-mail: iaqglenn@aol.com.

Reaccreditation

ASC C2 – National Electrical Safety Code

Comment Deadline: March 2, 2009

Accredited Standards Committee C2, National Electrical Safety Code has submitted revisions to the operating procedures under which it was last reaccredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the ASC's revised procedures, or to offer comments, please contact the Secretariat of ASC C2: Mr. William Ash, Senior Program Manager, IEEE Standards Association, 445 Hoes Lane, Piscataway, NJ 08854; PHONE: (732) 465-5828; E-mail: w.ash@ieee.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

Please submit your comments to ASC C2 by March 2, 2009, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840.2298; E-mail: Jthompson@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Request for Scope Extension

Communication Certification Laboratory (CCL)

Comment Deadline: March 2, 2009

Communication Certification Laboratory (CCL)

Mr. Thomas Jackson
1940 W. Alexander St.
Salt Lake City, UT 84119
PHONE: (801) 972-6146
FAX: (801) 972-8432
E-mail: tcj@cclab.com

Communication Certification Laboratory (CCL), an ANSI-accredited certification body, has requested an extension of its ANSI accreditation to include the following scope:

SCOPE(S)

Industry Canada (a) Radio – All Radio Standards Specifications (RSS) in Category I Equipment List Standards Radio

Please send your comments by March 2, 2009 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rfigueir@ansi.org.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 212 – Clinical Laboratory Testing and in vitro Diagnostic Test Systems

ANSI has been informed by the Clinical and Laboratory Standards Institute (CLSI), the ANSI delegated Secretariat of ISO/TC 212, Clinical Laboratory testing and in vitro diagnostic test systems, that they wish to relinquish the delegation of the secretariat of the ISO Technical Committee.

The scope of ISO/TC 212 is as follows:

Standardization and guidance in the field of laboratory medicine and in vitro diagnostic test systems. This includes, for example, quality management, pre- and post-analytical procedures, analytical performance, laboratory safety, reference systems and quality assurance.

Excluded:

- generic quality management standards dealt with by ISO/TC 176;
- quality management standards for medical devices dealt with by ISO/TC 210;
- reference materials guidelines dealt with by the ISO Committee on Reference Materials (REMCO);
- conformity assessment guidelines dealt with by the ISO Committee on Conformity assessment (CASCO).

Information concerning the United States retaining the role of international secretariat may be obtained by contacting Rachel Howenstine, ANSI, rhowenstine@ansi.org, for further information.

Proposal for New Work Item

Energy Efficiency and Renewable Energy Sources – Common International Terminology

Comment Deadline: February 13, 2009

AFNOR (France) has submitted to ISO and IEC a new work item proposal on the subject of Energy efficiency and renewable energy sources – Common international terminology

The proposed scope of this new work item is as follows:

This standard specifies the terms and definitions used in the field of Energy efficiency and renewable energy sources. It provides support for the metrics, the calculation and assessment methods, the methodologies and best practices needed by policy makers, standardization technical committees working on energy efficiency and renewable energy sources and other stakeholders.

This is proposed as a joint project for ISO and IEC. Therefore, if approved, this International Standard will be developed under an ISO/IEC Joint Project Committee.

This proposal has been sent to the members of the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail, hscully@ansi.org, by February 10, 2009, with submission of comments to Steven Cornish, ANSI, (scornish@ansi.org) by February 13, 2009.

Request for International (ISO) Secretariat

ISO/TC 121 – Anesthetic and respiratory equipment

Comment Deadline: February 24, 2009

ANSI has been advised that ASTM International wishes to assume the role of US delegated secretariat for this ISO Technical Committee which is being relinquished by the British Standards Institute (BSI).

This TC has the following scope:

Standardization of anesthetic and respiratory equipment and supplies, related devices and supply systems

Anyone wishing to comment on this request may contact Henrietta Scully, ANSI, via e-mail, hscully@ansi.org, by February 24th.

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NSF/ANSI 49

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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F.2.4 Acceptance

F.2.4.1 Uniform downflow

A cabinet for which the cabinet manufacturer has specified a uniform downflow velocity shall have the following: ~~qualifies for field certification when~~

- 1). the average downflow velocity is within ± 5 ft/min (± 0.025 m/s) of the value specified; and
- 2). the individual point readings do not vary more than $\pm 25\%$ or 16 ft/min (0.08 m/s), whichever is greater, from the average downflow velocity.

F.2.4.2 Non-uniform downflow

A cabinet for which the cabinet manufacturer has specified a non-uniform (zoned) downflow velocity shall have the following: ~~qualifies for field certification when~~

- 1). the individual zone average downflow velocities are within ± 5 ft/min (± 0.025 m/s) of the values specified by the manufacturer; and
- 2). the individual point readings do not vary more than $\pm 25\%$ or 16 ft/min (0.08 m/s), whichever is greater, from the average downflow velocity of each zone.

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F.3.4 Acceptance

~~A cabinet qualifies for field certification when t~~The average work access opening inflow velocity shall be within ± 5 ft/min (± 0.025 m/s) of the nominal set point verified by the testing organization using the same method.

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F.6.1.5 Acceptance

~~A cabinet qualifies for field certification when t~~The cabinet shall hold 2 in w.g. (500 Pa) within $\pm 10\%$ for 30 min or when all welds, gaskets, penetrations, and seals on exterior surfaces of air plenums are free of soap bubbles when at 2 in w.g. (500 Pa) pressure above atmospheric.

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F.9.4 Acceptance

~~A cabinet qualifies for field certification when average~~ Lighting intensities shall average are no less than 45 ft-

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 Issue 34, Draft 1 (January 2009)

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candles (480 lux) greater than background levels, where background light levels average a maximum of 15 ft-candles (160 lux).

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F.10.4 Acceptance

A cabinet qualifies for field certification when ~~N~~net displacement ~~shall~~ does not exceed 0.002 in (50 μm) rms amplitude at 10 Hz to 10 kHz in the center of the work surface(s) when the cabinet is operating at the manufacturer's recommended airflow velocities.

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F.11.4 Acceptance

~~Overall noise level in front of the cabinet shall~~ cabinet passes the Sound Level Measurement test when the overall noise level in front of the cabinet does not exceed 70 dbA when measured where the maximum ambient sound level is no greater than 60 dbA. When the ambient sound level is greater than 60 dbA, the reading obtained in annex F, section F.11.3c) shall be corrected in accordance with curves or tables provided in the instrument operator's manual. If this information is not available, standard correction curves or tables shall be used (see below).

Correction chart for sound level readings

Difference between total and background sound readings in dbA	Number to subtract from total to yield corrected noise level
0-2	reduce background levels
3	3
4-5	2
6-10	1
>10	0

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Revision to NSF/ANSI 49 – 2008
Issue 24 draft 2 (January 2009)

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NSF/ANSI International Standard 49 for Biosafety Cabinetry —

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5.23 Alarms

5.23.1 Sliding sash alarm

Sliding sash enclosures shall include an audible and visual alarm, activated when the sash is raised above the manufacturer's specified opening height.

5.23.2 Internal cabinet supply/exhaust fan interlock alarm

When a cabinet contains both an internal downflow and exhaust fan, they shall be interlocked so that the downflow fan shuts off whenever the exhaust fan fails. An audible and visual alarm shall signal the failure. If the downflow fan fails, the exhaust fan shall continue to operate, and an audible and visual alarm shall signal the failure.

5.23.3 Type B exhaust alarm

Type B cabinets shall be exhausted by a remote fan. Once the cabinet is set or certified in its acceptable airflow range, audible and visual alarms shall be required to indicate a 20% loss of exhaust volume within

15 sec. The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.

5.23.4 Type A1 or A2 exhaust alarm (informative)

Type A1 or A2 cabinets, when canopy connected and exhausted by a remote fan, ~~should have an audible and visual alarm to indicate a loss of exhaust airflow.~~ shall have audible and visual alarms and be required to indicate a 20% loss of exhaust volume within 15 sec. ~~The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.~~ If validated manufacturer information indicates that the canopy allows greater fluctuation it would then be allowable to have an altered alarm setting.

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BSR/UL 498A PROPOSAL

13.1.13 The grounding pin of a current tap or adapter shall be secured rigidly and perpendicular to the plane of the face. The grounding pin shall not incorporate, or be provided with, a means to pivot, deflect, or bend, before or after being inserted into a mating outlet device. Compliance is checked by visual inspection.

BSR/UL 705

1. Revisions to Clarify Section 11 for Protection of Internal Wiring.

PROPOSAL

11.2 Type SE, SJE, SJT, SJO, SJOO, SJTO, SJTOO, SO, SOO, ST, STO, STOO cord or appliance wiring material of equivalent construction may be used in a roof- or wall-mounted ventilator without protection other than that provided by the outer enclosure of the ventilator.

11.2.1 All wiring is considered to be suitably enclosed when the cabinet or compartment enclosing the wiring has:

- a) No louver or openings that will permit the probe of Figure 6.3, when applied in a straight line, to contact wiring, and
- b) No openings in the bottom, unless a U-shaped channel or trough is located beneath the wiring, and the wires do not project through the plane of the top of the channel or trough.

2. Addition of a Requirement for Compliance with the UL 60730 Series of Standards and Other Standards for Motor Controllers.

PROPOSAL

15.1.1 A motor control device shall comply one of the following:

- a) The Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1A, in conjunction with the applicable Part 2 from the UL 60730 series,
- b) The Standard for Temperature-Indicating and -Regulating Equipment, UL 873,
- c) The Standard for Industrial Control Equipment, UL 508, or
- d) The Standard for Power Conversion Equipment, UL 508C.

BSR/UL 826 Proposal

Table 27.1

Production-line test potential

Test condition	Applied potential, voltage	Time, seconds
A	1200	1
B	<u>1000</u> 1200	60

BSR/UL 1047

PROPOSAL

13.8 Terminals or leads to which isolated output conductors will be field connected shall be color-coded as follows:

Orange - Isolated Conductor No. 1, with a distinctive colored stripe other than white, green, or gray.

Brown - Isolated Conductor No. 2, with a distinctive colored stripe other than white, green, or gray, and

Yellow - Isolated Conductor No. 3 (three-phase system only), with a distinctive colored stripe other than white, green, or gray.

Exception: The terminals need not be color-coded if a wiring diagram or other marking, located near the terminals, is provided to clearly indicate the proper connections.

17.2 The insulation on internal wiring of isolated power systems equipment shall be color-coded as follows:

Orange - Isolated Conductor No. 1, with a distinctive colored stripe other than white, green, or gray.

Brown - Isolated Conductor No. 2, with a distinctive colored stripe other than white, green, or gray, and

Yellow - Isolated Conductor No. 3 (three-phase system only), with a distinctive colored stripe other than white, green, or gray.