ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: September 27, 2009

ASA (ASC S3) (Acoustical Society of America)

Revisions

BSR/ASA S3.22-200x, Specification of Hearing Aid Characteristics (revision of ANSI/ASA S3.22-2009)

Describes air-conduction hearing-aid measurement methods that are particularly suitable for specification and tolerance purposes. Various test methods are described. Specific configurations are given for measuring the input SPL to a hearing aid. Allowable tolerances in relation to values specified by the manufacturer are given for certain parameters.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org

NSF (NSF International)

Revisions

BSR/NSF 61-200x (i84r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2008)

Issue 84 Revision 2: Section 9 - Add remote chillers and electronically activated faucets to sections 9.1.1 and 9.1.2 so they will be properly evaluated as end point devices. Also, a few minor formatting issues will be addressed. In this revision, a definition of remote chillers has been added.

Click here to see these changes in full, or look at the end of "Standards Action."

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 705-200x, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2009)

Revises previously proposed requirements covering electronically protected motor circuits.

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 1449-200x, Standard for Surge Protective Devices (revision of ANSI/UL 1449-2009a)

Covers:
(1) Revision to pass criteria in nominal discharge current test for Type 2 SPDs;
(2) Addition of test value in Nominal Discharge Current Test for Type 2 SPDs; and
(3) Revision of current used to determine VPR.

Click here to see these changes in full, or look at the end of "Standards Action."

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

Comment Deadline: October 12, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

Supplements

BSR/AAMI ES60601-1:2005/Amendment 1-200x, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance (supplement to ANSI/AAMI ES60601-1-2005)

This amendment is identical to the following IEC 60601-1: 2005 international documents: Corrigendum 1 and Corrigendum 2.

Single copy price: $25.00

Obtain an electronic copy from: hwoehrle@aami.org

Order from: AAMI

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

ASA (ASC S2) (Acoustical Society of America)

Reaffirmations

BSR/ASA S2.31-1979 (R200x), Methods for the Experimental Determination of Mechanical Mobility - Part 1: Basic Definitions and Transducers (reaffirmation and redesignation of ANSI S2.31-1979 (R2004))

Provides basic definitions with comments and identifies the calibration tests, environmental tests, and physical measurements necessary to determine the suitability of impedance heads, force transducers, and accelerometers fo use in measuring mechanical mobility.

Single copy price: $100.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

BSR/ASA S2.32-1982 (R200x), Methods for the Experimental Determination of Mechanical Mobility - Part 2: Measurements Using Single-Point Translational Excitation (reaffirmation and redesignation of ANSI S2.32-1982 (R2004))

Includes measurement of mobility, acceleration, or dynamic compliance, either as a driving point measurement or as a transfer measurement. This standard also applies to the determination of the arithmetic reciprocals of those ratios as free effective mass.

Single copy price: $100.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.8-200x, Floating Cranes and Floating Derricks (revision of ANSI/ASME B30.8-2004)

Applies to cranes and derricks mounted on barges or pontoons and are used for vertical lifting and lowering of freely suspended unguided loads. Floating cranes are convertible for excavation service and other uses that are categorically not considered to be lifting service.

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: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

ASME-ITI (ASME - Innovative Technologies Institute, LLC)

New Standards

BSR/ASME-ITI WSS01 RAMCAP-200x, Risk and Resilience Management of Water Systems (new standard)

Develops a standard for risk and resilience analysis and management by water and wastewater utilities that is consistent with the RAMCAP Plus approach.

Single copy price: Free

Obtain an electronic copy from: ASME-ITI (crutchfieldg@asme.org)

Order from: ASME-ITI

Send comments (with copy to BSR) to: Gretchen Crutchfield, (301) 704-8030, crutchfieldg@asme.org

AWWA (American Water Works Association)

New Standards

BSR/AWWA C655-200x, Field Dechlorination (new standard)

Describes procedures, materials, and requirements for the dechlorination of chlorinated or chloraminated water discharges.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

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

Send comments (with copy to BSR) to: Same

CEA (Consumer Electronics Association)

Revisions

BSR/CEA 852-A-200x, Tunneling Device Area Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852-2002)

Specifies the method to use for IP tunneling with CEA-709.1B and ANSI/CEA-600.81.

Single copy price: $96.00 (Standard); $72.00 (CEA Member)

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

Withdrawals

ANSI/CEA 600.10-2000, Introduction to the CEBus Standard (withdrawal of ANSI/CEA 600.10-2000)

Covers the overall topology of the CEA-600 network.

Single copy price: $64.00 (Standard); $48.00 (CEA Member)

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.31-1997 (R2004), Power Line Physical Layer and Medium Specification (withdrawal of ANSI/CEA 600.31-1997 (R2004))

Provides the preliminary specification for the CEBus Power Line (PL) Physical Layer and Media portion of the Physical Layer and Media Specifications of CEA-600.

Single copy price: $75.00 (Standard); $56.25 (CEA Member)

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.32-1997 (R2004), Twisted Pair Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.32-1997 (R2004))

Provides the specification for the CEBus Twisted Pair (TP) Physical Layer and Medium.

Single copy price: $96.00 (Standard); $72.00 (CEA Member)

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.33-1997 (R2004), Coax Cable Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.33-1997 (R2004))

Provides the preliminary specification for the CEBus Coax (CX) Physical Layer and Medium.

Single copy price: $96.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.34-1997 (R2004), IR Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.34-1997 (R2004))

Provides a preliminary specification for the CEBus Infrared (IR) Physical Layer and Medium portion of the Physical Layer and Medium specifications of EIA 600.

Single copy price: $60.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.35-1997 (R2004), RF Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.35-1997 (R2004))

Provides the preliminary specification for the CEBus Radio Frequency (RF) Physical Layer and Medium portion of the Physical Layer and Medium specifications of CEA 600.

Single copy price: $66.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.37-1997 (R2004), Symbol-Encoding Sublayer (withdrawal of ANSI/CEA 600.37-1997 (R2004))

Describes the portion of the Node Physical Layer that interfaces to the Medium Access Control (MAC) Sublayer and to Layer System Management (LSM).

Single copy price: $66.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.38-1997 (R2004), Power Line/Radio Frequency Symbol Encoding Sublayer (withdrawal of ANSI/CEA 600.38-1997 (R2004))

Describes the portion of the Power Line or RF Physical Layer that interfaces to the Medium Access Control (MAC) Sublayer and to Layer System Management (LSM).

Single copy price: $85.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.41-1997 (R2004), Description of the Data Link Layer (withdrawal of ANSI/CEA 600.41-1997 (R2004))

Provides a prose description of the Data Link Layer Design for the CEBus Network.

Single copy price: $112.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.42-1997 (R2004), Node Medium Access Control Sublayer (withdrawal of ANSI/CEA 600.42-1997 (R2004))

Provides a technical specification of the services and protocol for the Node Medium Access Control Sublayer.

Single copy price: $148.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.43-1997 (R2004), Node Logical Link Control Sublayer (withdrawal of ANSI/CEA 600.43-1997 (R2004))

Provides a technical specification of the services and protocol for the Node Logical Link Control Sublayer.

Single copy price: $66.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 600.82-1997 (R2004), CAL Context Description (withdrawal of ANSI/CEA 600.82-1997 (R2004))

Describes the contexts, or main subsystems within a device, supported by the Common Application Language (CAL).

Single copy price: $64.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 633.37-1997 (R2004), Symbol Encoding Sublayer Physical Layer Conformance (withdrawal of ANSI/CEA 633.37-1997 (R2004))

Specifies tests to determine conformance of a Node's Symbol Encoding Sublayer to CEA 600.

Single copy price: $50.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 633.38-1997 (R2004), PL and RF Symbol Encoding Physical Layer Conformance (withdrawal of ANSI/CEA 633.38-1997 (R2004))

Specifies tests to determine conformance of a Node's Power Line or RF Symbol Encoding Sublayer to CEA 600.

Single copy price: $54.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 633.42-2000 (R2006), Node Data Link Layer Conformance (withdrawal of ANSI/CEA 633.42-2000 (R2006))

Specifies tests to determine conformance of a Node's Power Line or RF Symbol Encoding Sublayer to the CEA 600 series.

Single copy price: $85.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 633.81-2000, CAL Conformance Specification (withdrawal of ANSI/CEA 633.81-2000)

Specifies tests to determine conformance of a Node's CAL to ANSI/CEA 600.81. Part one of this standard provides an overview of the conformance philosophy. The reader is urged to review that material before attempting to use the details provided in this part.

Single copy price: $172.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

ANSI/CEA 844-2001, XML Encoding of Generic Common Application Language (withdrawal of ANSI/CEA 844-2001)

Specifies the encoding of Generic Common Application Language (CAL) into XML. This standard is based on the CEA 721 series and CEA 851.

Single copy price: $68.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

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

New National Adoptions

INCITS/ISO/IEC 9798-2:2008, Information technology - Security techniques - Entity authentication - Part 2: Mechanisms using symmetric encipherment algorithms (identical national adoption and revision of INCITS/ISO/IEC 9798-2-1994 (R2005))

Specifies entity authentication mechanisms using symmetric encipherment algorithms. Four of the mechanisms provide entity authentication between two entities where no trusted third party is involved; two of these are mechanisms to unilaterally authenticate one entity to another, while the other two are mechanisms for mutual authentication of two entities. The remaining mechanisms require a trusted third party for the establishment of a common secret key, and realize mutual or unilateral entity authentication.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

INCITS/ISO/IEC 11694-1:2005, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (identical national adoption and revision of INCITS/ISO/IEC 11694-1-2000 (R2005))

Recognizes the existence of different methods of recording and reading information on optical memory cards, the characteristics of which are specific to the recording method employed. ISO/IEC 11694-1: 2005 is specific to optical memory cards using the linear recording method. It defines the physical characteristics and the extent of compliance with, addition to and/or deviation from the relevant base document, ISO/IEC 11693.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

INCITS/ISO/IEC 11694-2:2005, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and location of the accessible optical area (identical national adoption and revision of INCITS/ISO/IEC 11694-2-2000 (R2005))

Recognizes the existence of different methods of recording and reading information on optical memory cards, the characteristics of which are specific to the recording method employed. ISO/IEC 11694-2: 2005 is specific to optical memory cards using the linear recording method. It defines the dimensions and location of the accessible optical area and the extent of compliance with, addition to and/or deviation from the relevant base document ISO/IEC 11693.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

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

Specifies digital signatures with appendix. ISO/IEC 14888-1: 2008 specifies general principles and requirements for digital signatures with appendix. ISO/IEC 14888-2 addresses digital signatures based on integer factoring, and ISO/IEC 14888-3 addresses digital signatures based on discrete logarithm. Signature mechanisms giving message recovery are specified in ISO/IEC 9796. Hash-functions are specified in ISO/IEC 10118.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

INCITS/ISO/IEC 11693:2005, Information technology - Identification cards - Optical memory cards - General characteristics (identical national adoption and revision of INCITS/ISO/IEC 11693-2000 (R2005))

Describes the parameters for optical memory cards and the use of such cards for the storage and interchange of digital data. This standard recognizes the existence of different methods for recording and reading information on optical memory cards, the characteristics of which are specific to the recording method employed. In general, these different recording methods will not be compatible with each other.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

INCITS/ISO/IEC 13251:2004, Collection of graphical symbols for office equipment (identical national adoption of ISO/IEC 13251:2004)

Provides a certain number of graphical symbols that are typically used on office equipment such as computers, printers, telephones and copying machines. ISO/IEC 13251: 2004 is a bilingual standard (English/French).

Single copy price: $249.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.org

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

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

INCITS/ISO/IEC 13240:2001/COR1:2003, Information technology - Document description and processing languages - Interchange Standard for Multimedia Interactive Documents (ISMID) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13240:2001/COR1:2003)

Corrects a technical defect in ISO/IEC 13240: 2001.

Single copy price: Free

Obtain an electronic copy from: http://webstore.ansi.org or incits.org

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

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

Withdrawals

INCITS/ISO/IEC 11159-1996 (R2004), Information technology - Office Equipment - Minimum information to be included in specfication sheets - Copying machines (withdrawal of INCITS/ISO/IEC 11159-1996 (R2004))

Facilitates the users in selecting a copying machine that meets their requirements. This standard applies to copying machines that could be operated in an office environment. Copying machines requiring specially equipped rooms or specially instructed operators are not considered in this International Standard.

Single copy price: $30.00

Obtain an electronic copy from: http://webstore.ansi.org or incits.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; bbennett@itic.org

NECA (National Electrical Contractors Association)

Reaffirmations

BSR/NECA 90-2004 (R200x), Recommended Practice for Commissioning Building Electrical Systems (reaffirmation of ANSI/NECA 90-2004)

Describes installation procedures for commissioning newly installed or retrofitted building electrical systems. This standard defines the process of commissioning building electrical systems and provides sample guidelines for attaining optimum system performances that conform to design, specification, and industry-accepted codes and standards.

Single copy price: $40.00

Obtain an electronic copy from: orderdesk@necanet.org

Send comments (with copy to BSR) to: am2@necanet.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmations

BSR C78.389-1989 (R200x), High-Intensity Discharge Lamps - Methods of Measuring Characteristics (reaffirmation of ANSI C78.389-1989 (R2003))

Describes the procedures to be followed and the precautions to be observed in measuring the electrical characteristics of high intensity discharge lamps as specified in the American National Standard Specifications for Mercury (Hg), High-Pressure Sodium (HPS) and Metal Halide (MH) Lamps.

Single copy price: $At cost+

Obtain an electronic copy from: mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.391-200x, Electric Lamps - Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes (reaffirmation of ANSI C78.391-2004)

Sets forth the physical and electrical characteristics of those groups of subminiature incandescent lamps with T-1 and T-1-3/4 bulb shapes, including lamps of various base or termination configurations.

Single copy price: $At cost+

Obtain an electronic copy from: mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.1401-2004 (R200x), Electric Lamps - Dimensions for Projection Lamps-Double-Contact, Medium Ring (Special B), Base-Up Type (reaffirmation of ANSI C78.1401-2004)

Establishes the dimensions essential to the interchangeability of lamps of the double-contact, medium ring (Special B), base-up type.

Single copy price: $At cost+

Obtain an electronic copy from: mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

BSR/IEC C78.62035-2004, Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (reaffirmation of ANSI/IEC C78.62035-2004)

Concerns the safety specifications for discharge lamps (excluding fluorescent lamps).

Single copy price: $At cost+

Obtain an electronic copy from: mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

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

Revisions

BSR A108.1A-200x, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2005)

Outlines the guidelines for installing tile using the wet-set method with Portland cement mortar. This includes everything from the type of lath to use, where the lath should go, the different mixes of mortar, and lastly grouting of tile that has been installed with this method.

Single copy price: $35.00

Obtain an electronic copy from: http://www.tileusa.com/ANSIA108/index.html

Order from: Tile Council of North America

Send comments (with copy to BSR) to: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

BSR A108.11-200x, Interior Installation of Cementitious Backer Units (revision of ANSI A108.11-1999 (R2005))

Includes instructions on installing and specifying different types of backer boards. This standard also includes requirements for backer boards being installed in different applications and different locations such as ceilings, walls, countertops, and floors.

Single copy price: $35.00

Obtain an electronic copy from: http://www.tileusa.com/ANSIA108/index.html

Order from: Tile Council of North America

Send comments (with copy to BSR) to: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

BSR A108.14-200x, Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.14-2005)

Outlines the process using the wet-set method with mosaic glass tiles (typically 2 ft X 2 ft or smaller but may vary). There are no standards yet for large format tiles. The guidelines for installing the mosaics using the wet-set method with portland cement mortar are given. The mix ratios for mortars are given.

Single copy price: $35.00

Obtain an electronic copy from: http://www.tileusa.com/ANSIA108/index.html

Order from: Tile Council of North America

Send comments (with copy to BSR) to: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60947-7-1-200x, Low-Voltage Switchgear and Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors (identical national adoption and revision of ANSI/UL 60947-7-1-2004)

Provides the proposed Third Edition of the Standard for Low-Voltage Switchgear and Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors, UL 60947-7-1.

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: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

Revisions

BSR/UL 67-200x, Standard for Safety for Panelboards (revision of ANSI/UL 67-2009a)

This following changes in requirements are being proposed:
(1) Equipment door opening 90 degrees from the closed position; and
(2) Evaluation of reduced-sized breakers in panelboards.

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: Tim Corder, (919) 549-1841, William.T.Corder@us.ul.com

BSR/UL 588-200x, Standard for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2008c)

Covers:
(1) Adding requirements to address seasonal products employing USB connectors; and
(2) Removing "Mating parts shall be of the same materials" in 14.3.

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: Megan Cahill, (847) 664-3411, Megan.M.Cahill@us.ul.com

Reaffirmations

BSR/UL 1441-2005 (R200x), Standard for Safety for Coated Electrical Sleeving (reaffirmation of ANSI/UL 1441-2005)

Covers Grades A and B acrylic-polymer-coated, silicone-polymer-coated, or vinyl-polymer-coated electrical sleeving that consists of closely woven fabric made from glass and intended for use in equipment designed to be installed and used in accordance with the rules of the Canadian Electrical Code, Part I (CEC), or ANSI/NFPA 70, National Electrical Code (NEC).

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

BSR/UL 1659-2005 (R200x), Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (reaffirmation of ANSI/UL 1659-2005)

Covers the blades of attachment plugs and current taps intended to be connected to the conductors of flexible cords using crimped connections, for use on cord sets and power-supply cords complying with the Standard for Cord Sets and Power-Supply Cords, UL 817.

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: Patricia Sena, (919) 549-1636, patricia.a.sena@us.ul.com

Comment Deadline: October 27, 2009

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

ASME (American Society of Mechanical Engineers)

New Standards

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

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 M56. The inclusion of dimensional data in this standard is not intended to imply that all of the products described are stock production sizes. Consumers should consult with suppliers concerning lists of stock production sizes.

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 A10) (American Society of Safety Engineers)

New Standards

BSR/ASSE A10.36-200x, Safety Requirements for Railroad Construction, Maintenance, Analysis, and Demolition Equipment (new standard)

Provides minimum guidelines for safe work practices in those operations involving railroad construction and maintenance of facilities, track, and supporting equipment.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

Revisions

BSR/ASSE A10.16-200x, Safety Requirements for Tunnels, Shafts, and Caissons (revision of ANSI/ASSE A10.16-1995 (R2001))

Establishes safety requirements pertaining to the construction of tunnels, shafts, and caissons. The requirements set forth in this standard cover environmental control; related facilities; fire prevention; hoisting; haulage; and electrical drilling and blasting, and compressed-air work. This standard is not intended for application to mining or quarrying operations.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

EIA (Electronic Industries Alliance)

New Standards

BSR/EIA 364-65B-200x, Mixed Flowing Gas Test Procedure for Electrical Connectors and Sockets (new standard)

Establishes the test procedure for producing environmentally related corrosive atmospheres to determine the reaction of plated or unplated surfaces when exposed to different concentrations of flowing gas mixtures.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Cecelia Yates, (703) 907-8026, cyates@ecaus.org

Projects Withdrawn from Consideration

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

ASME (American Society of Mechanical Engineers)

BSR/ASME B46.2-200x, Surface Texture (Surfaces Having Stratified Functional Properties) (identical national adoption of ISO/13565 Parts 1-3)

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.

Order from:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x215
Fax: (703) 276-0793
Web: www.aami.org

ASA (ASC S12)
Acoustical Society of America
35 Pinelawn Road, Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASME-ITI
ASME - Innovative Technologies Institute, LLC
1828 L Street NW, Suite 906
Washington, DC 20036
Phone: (301) 704-8030
Fax: (202) 429-9417
Web: www.asme-iti.org

ASSE (Z590)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 768-3411
Web: www.asse.org

AWWA
AWWA
6666 W. Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515

Global Engineering Documents
Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

Send comments to:

AAMI
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1110 N Glebe Road
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Fax: (703) 276-0793
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35 Pinelawn Road, Suite 114E
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Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor 20S2
New York, NY 10016
Phone: (212) 591-8018
Fax: (212) 591-8501
Web: www.asme.org

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Washington, DC 20036
Phone: (301) 704-8030
Fax: (202) 429-9417
Web: www.asme-iti.org

ASSE (Z590)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 768-3411
Web: www.asse.org

AWWA
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6666 W. Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

CEA
Consumer Electronics Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-4327
Fax: (703) 907-4195
Web: www.ce.org

EIA
Electronic Industries Alliance
2500 Wilson Boulevard
Suite 310
Arlington, VA 22201
Phone: (703) 907-8026
Fax: (703) 875-8908
Web: www.eia.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5741
Fax: (202) 638-4922
Web: www.incits.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 657-3110, x 640
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NSF
NSF International
789 Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5676
Fax: (734) 827-7880
Web: www.nsf.org

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

UL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S2.31-1979 (R200x), Experimental Determination of Mechanical Mobility - Part 1: Basic Definitions and Transducers (reaffirmation and redesignation of ANSI S2.31-1979 (R2004))

BSR/ASA S2.32-1982 (R200x), Methods for the Experimental Determination of Mechanical Mobility - Part 2: Measurements Using Single-Point Translational Excitation (reaffirmation and redesignation of ANSI S2.32-1982 (R2004))

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Leslie King*

Phone: (703) 907-4327

Fax: (703) 907-4195

E-mail: lking@CE.org

ANSI/CEA 600.10-2000, Introduction to the CEBus Standard (withdrawal of ANSI/CEA 600.10-2000)

ANSI/CEA 600.31-1997 (R2004), Power Line Physical Layer and Medium Specification (withdrawal of ANSI/CEA 600.31-1997 (R2004))

ANSI/CEA 600.32-1997 (R2004), Twisted Pair Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.32-1997 (R2004))

ANSI/CEA 600.33-1997 (R2004), Coax Cable Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.33-1997 (R2004))

ANSI/CEA 600.34-1997 (R2004), IR Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.34-1997 (R2004))

ANSI/CEA 600.35-1997 (R2004), RF Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.35-1997 (R2004))

ANSI/CEA 600.37-1997 (R2004), Symbol-Encoding Sublayer (withdrawal of ANSI/CEA 600.37-1997 (R2004))

ANSI/CEA 600.38-1997 (R2004), Power Line/Radio Frequency Symbol Encoding Sublayer (withdrawal of ANSI/CEA 600.38-1997 (R2004))

ANSI/CEA 600.41-1997 (R2004), Description of the Data Link Layer (withdrawal of ANSI/CEA 600.41-1997 (R2004))

ANSI/CEA 600.42-1997 (R2004), Node Medium Access Control Sublayer (withdrawal of ANSI/CEA 600.42-1997 (R2004))

ANSI/CEA 600.43-1997 (R2004), Node Logical Link Control Sublayer (withdrawal of ANSI/CEA 600.43-1997 (R2004))

ANSI/CEA 600.82-1997 (R2004), CAL Context Description (withdrawal of ANSI/CEA 600.82-1997 (R2004))

ANSI/CEA 633.37-1997 (R2004), Symbol Encoding Sublayer Physical Layer Conformance (withdrawal of ANSI/CEA 633.37-1997 (R2004))

ANSI/CEA 633.38-1997 (R2004), PL and RF Symbol Encoding Physical Layer Conformance (withdrawal of ANSI/CEA 633.38-1997 (R2004))

ANSI/CEA 633.42-2000 (R2006), Node Data Link Layer Conformance (withdrawal of ANSI/CEA 633.42-2000 (R2006))

ANSI/CEA 633.81-2000, CAL Conformance Specification (withdrawal of ANSI/CEA 633.81-2000)

ANSI/CEA 844-2001, XML Encoding of Generic Common Application Language (withdrawal of ANSI/CEA 844-2001)

BSR/CEA 852-A-200x, Tunneling Device Area Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852-2002)

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

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

Contact: *Serena Patrick*

Phone: (202) 626-5741

Fax: (202) 638-4922

E-mail: spatrick@itic.org;bbennett@itic.org

INCITS/ISO/IEC 9798-2:2008, Information technology - Security techniques - Entity authentication - Part 2: Mechanisms using symmetric encipherment algorithms (identical national adoption and revision of INCITS/ISO/IEC 9798-2-1994 (R2005))

INCITS/ISO/IEC 11159-1996 (R2004), Information technology - Office Equipment - Minimum information to be included in specfication sheets - Copying machines (reaffirmation of INCITS/ISO/IEC 11159-1996)

INCITS/ISO/IEC 11694-1:2005, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (identical national adoption and revision of INCITS/ISO/IEC 11694-1-2000 (R2005))

INCITS/ISO/IEC 11694-2:2005, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and location of the accessible optical area (identical national adoption and revision of INCITS/ISO/IEC 11694-2-2000 (R2005))

INCITS/ISO/IEC 11693:2005, Information technology - Identification cards - Optical memory cards - General characteristics (identical national adoption and revision of INCITS/ISO/IEC 11693-2000 (R2005))

INCITS/ISO/IEC 13251:2004, Collection of graphical symbols for office equipment (identical national adoption of ISO/IEC 13251:2004)

INCITS/ISO/IEC 18026:2009, Information technology - Spatial Reference Model (SRM) (identical national adoption and revision of INCITS/ISO/IEC 18026-2008)

INCITS/ISO/IEC 13240:2001/COR1:2003, Information technology - Document description and processing languages - Interchange Standard for Multimedia Interactive Documents (ISMID) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13240:2001/COR1:2003)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Derrick Martin*

Phone: (408) 754-6656

Fax: (408) 689-6656

E-mail: Derrick.L.Martin@us.ul.com

BSR/UL 1441-2005 (R200x), Standard for Safety for Coated Electrical Sleeving (reaffirmation of ANSI/UL 1441-2005)

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.

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B94.19-1997 (R2009), Milling Cutters and End Mills (reaffirmation of ANSI/ASME B94.19-1997 (R2003)): 8/19/2009

ASTM (ASTM International)

New Standards

ANSI/ASTM E2701-2009, Guide for Performance Characterization of Dosimeters and Dosimetry Systems for Use in Radiation Processing (new standard): 8/11/2009

Withdrawals

ANSI/ASTM D590-1993, Test Method for Petroleum Wax in Paper (withdrawal of ANSI/ASTM D590-1993 (R2002)): 8/15/2009

ANSI/ASTM D777-1993, Test Methods for Flammability of Treated Paper and Paperboard (withdrawal of ANSI/ASTM D777-1993(R2002)): 8/15/2009

ANSI/ASTM D829-1995, Test Methods for Wet Tensile Breaking Strength of Paper and Paper Products (withdrawal of ANSI/ASTM D829-1995 (R2002)): 8/15/2009

ANSI/ASTM D5803-1996, Test Method for Tensile Strength at Zero-Span "Wet Zero-Span Tensile" (withdrawal of ANSI/ASTM D5803-1996 (R2002)): 8/15/2009

BHMA (Builders Hardware Manufacturers Association)

Reaffirmations

ANSI/BHMA A156.7-2003 (R2009), Template Hinge Dimensions (reaffirmation of ANSI/BHMA A156.7-2003): 8/19/2009

Revisions

ANSI/BHMA A156.21-2009, Thersholds (revision of ANSI/BHMA A156.21-2006): 8/19/2009

Green Seal (Green Seal, Inc.)

New Standards

ANSI/GS-46-2009, Green Seal Environmental Standard for Restaurants and Food Services (new standard): 8/19/2009

HPS (ASC N43) (Health Physics Society)

Revisions

ANSI N43.17-2009, Radiation Safety for Personnel Security Screening Systems Using X-ray or Gamma Radiation (revision of ANSI N43.17-2002): 8/19/2009

IEEE (Institute of Electrical and Electronics Engineers)

Reaffirmations

ANSI/IEEE 1174-2000 (R2009), Standard Serial Interface for Programmable Instrumentation (reaffirmation of ANSI/IEEE 1174-2000): 8/20/2009

Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

ANSI/IEEE 1156.1-1993 (S2009), Standard Microcomputer Environmental Specifications for Computer Modules (stabilized maintenance of ANSI/IEEE 1156.1-1993 (R2003)): 8/20/2009

ANSI/IEEE 1156.2-1996 (S2009), Standard for Environmental Specifications for Computer Systems (stabilized maintenance of ANSI/IEEE 1156.2-1996 (R2003)): 8/20/2009

ISA (ISA)

Reaffirmations

ANSI/ISA 75.08.02-2003 (R2009), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003): 8/19/2009

NEMA (National Electrical Manufacturers Association)

New Standards

ANSI/NEMA FL1-2009, Flashlight Basic Performance Standard (new standard): 8/18/2009

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

New National Adoptions

ANSI CGATS.17-2009, Graphic technology - Exchange format for color and process control data using XML or ASCII text (identical national adoption and revision of ANSI CGATS.17-2005): 8/20/2009

SCTE (Society of Cable Telecommunications Engineers)

Revisions

ANSI/SCTE 79-1-2009, DOCSIS 2.0 Part 1: Radio Frequency Interface (revision of ANSI/SCTE 79-1-2007): 8/19/2009

ANSI/SCTE 79-2-2009, DOCSIS 2.0 Part 2: Operations Support System Interface (revision of ANSI/SCTE 79-2-2007): 8/19/2009

ANSI/SCTE 91-2009, Specification for 5/8-24 RF & AC Equipment Port, Female (revision of ANSI/SCTE 91-2004): 8/19/2009

Withdrawals

ANSI/SCTE 89-1-2004, IPCable2Home Standard - Part 1: Cable Home Networking 1.0 (withdrawal of ANSI/SCTE 89-1-2004): 8/19/2009

ANSI/SCTE 89-2-2005, IPCable2Home Standard Part 2 - Cable Home Networking 1.1 (withdrawal of ANSI/SCTE 89-2-2005): 8/19/2009

ANSI/SCTE 97-2004, Metadata Requirements for Video-On-Demand in Cable Networks (withdrawal of ANSI/SCTE 97-2004): 8/19/2009

TIA (Telecommunications Industry Association)

Revisions

ANSI/TIA 102.AAAD-A-2009, Project 25 Digital Land Mobile Radio Block Encryption Protocol (revision and redesignation of ANSI/TIA 102.AAAD-2002): 8/20/2009

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 80-2009, Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (Bulletin dated December 5, 2008) (revision of ANSI/UL 80-2008): 8/19/2009

ANSI/UL 201-2009, Standard for Safety for Garage Equipment (Proposals dated 5/29/09) (revision of ANSI/UL 201-2008): 8/18/2009

ANSI/UL 746C-2009, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2006): 8/18/2009

ANSI/UL 746B-2009, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2006): 8/19/2009

ANSI/UL 746B-2009, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2006): 8/19/2009

ANSI/UL 746C-2009, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2006): 8/18/2009

ANSI/UL 1026-2009, Standard for Safety for Electric Household Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2006): 8/20/2009

ANSI/UL 1696-2009, Standard for Safety for Nonmetallic Mechanical Protection Tubing (NMPT) (revision of ANSI/UL 1696-2005): 8/19/2009

ANSI/UL 1696-2009, Standard for Safety for Nonmetallic Mechanical Protection Tubing (NMPT) (revision of ANSI/UL 1696-2005): 8/19/2009

ANSI/UL 1838-2009, Standard for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2008): 8/18/2009

ANSI/UL 1838-2009, Standard for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2008): 8/18/2009

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.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME A112.14.6-200x, FOG (Fats, Oils & Greases) Disposal Systems (revision of ANSI/ASME A112.14.6-2006)

Stakeholders: Environmental, retail and wholesale food handling establishments, and FOG equipment manufacturers.

Project Need: To cover installation in existing grease traps and interceptors. Currently, A112.14.6 does not include systems that are installed in situ (naturally in place).

Provides references to other standards, Special Requirements including Application Documentation, and Efficiency Test revisions to the existing ANSI/ASME A112.14.6-2006.

BSR/ASME B5.63-200x, Tool and Socket Connections - Gauging (new standard)

Stakeholders: Manufacturers and users of machine tools.

Project Need: To provide requirements for gauging of tool and socket connections.

Provides recommendations for the design and use of gauges to measure tool holder shanks and the mating spindle sockets of machine tools.

BSR/ASME B89.7.2-200x, Dimensional Measurement Planning (revision of ANSI/ASME B89.7.2-1999 (R2004))

Stakeholders: Researchers, users, manufacturers, dimensional measurement planner.

Project Need: To modify out-of-date definitions and create some new ones.

Ensures correctness and acceptability of dimensional measurements. This Standard specifies requirements for preparation and approval of dimensional measurement plans and for the use of approved plans in making dimensional measurements. This Standard is intended for use by process and quality control engineers (dimensional measurement planners) in planning manufacturing-related dimensional measurements.

BSR/ASME MFC 5.1M-200x, Measurement of Liquid Flow in Closed Conduits Using Transit-Time Ultrasonic Flowmeters (revision and partition of ANSI/ASME MFC-5M-1985 (R2006))

Stakeholders: Manufacturers and users of transit-time ultrasonic flowmeters.

Project Need: To revise and update this standard to reflect the current state of the art.

Applies to ultrasonic flowmeters that base their operation on the measurement of transit time of acoustic signals. This standard concerns the volume flowrate measurement of a single phase liquid with steady flow or flow varying only slowly with time in a completely filled closed conduit.

BSR/ASME PTC 19.10-20X, Flue and Exhaust Gas Analyses (new standard)

Stakeholders: Engineers, associated test personnel.

Project Need: To update the standard to include current technology.

Includes methods and analytical procedures used in conjunction with ASME Performance Test Codes to determine quantitatively the gaseous constituents of exhausts resulting from stationary combustion sources. The gases covered by this standard are Oxygen, Carbon Dioxide, Carbon Monoxide, Nitrogen, Sulfur Dioxide, Sulfur Trioxide, Nitric Oxide, Nitrogen Dioxide, Hydrogen Sulfide, and hydrocarbons. Stationary combustion sources include steam generators, gas turbines, internal combustion engines, incinerators and others. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard.

BSR/ASME PTC 19.10-200x, Flue and Exhaust Gas Analyses (revision of ANSI/ASME B89.7.2-1999 (R2004))

Stakeholders: Engineers, associated test personnel.

Project Need: To update the standard to include current technology.

Includes methods and analytical procedures used in conjunction with ASME Performance Test Codes to determine quantitatively the gaseous constituents of exhausts resulting from stationary combustion sources. The gases covered by this standard are Oxygen, Carbon Dioxide, Carbon Monoxide, Nitrogen, Sulfur Dioxide, Sulfur Trioxide, Nitric Oxide, Nitrogen Dioxide, Hydrogen Sulfide, and hydrocarbons. Stationary combustion sources include steam generators, gas turbines, internal combustion engines, incinerators and others. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard.

BSR/ASME PTC 47.3-200X, Syngas Conditioning (new standard)

Stakeholders: Refineries, power plants.

Project Need: To provide procedures for the conduct of a performance test code of a Syngas Conditioning Unit, primarily as part of an Integrated Gasification Combined Cycle (IGCC).

Provides procedures for the performance testing of the Syngas Conditioning Block. The code describes the gasification block test boundary and the generic inputs and outputs of the syngas conditioning block. This code applies to a variety of liquid and solid feedstock and oxygen and air-blown gasification processes.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

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Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK1138-200x, New Test Method for Edge Cleaning Performance of Vacuum Cleaners (new standard)

Stakeholders: Vacuum cleaners industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK1138.htm.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK1138.htm

AWWA (American Water Works Association)

Office: 6666 W. Quincy Avenue
Denver, CO 80235

Contact: *Paul Olson*

Fax: (303) 795-7603

E-mail: polson@awwa.org

BSR/AWWA C706-200x, Direct-Reading, Remote-Registration Systems for Cold-Water Meters (revision of ANSI/AWWA C706-96 (R2005))

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for direct-reading, remote-registration systems for cold-water meters, including fabrication and assembly.

Covers direct-reading, remote-registration systems for use on cold-water meters for water utility customer service and the materials and workmanship employed in the fabrication and assembly of these systems.

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

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Washington, DC 20005

Contact: *Barbara Bennett*

Fax: (202) 638-4922

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

INCITS/ISO/IEC 18026:2009, Information technology - Spatial Reference Model (SRM) (identical national adoption and revision of INCITS/ISO/IEC 18026-2008)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies the Spatial Reference Model (SRM) defining relevant aspects of spatial positioning and related information processing. The SRM allows precise and unambiguous specification of geometric properties such as position (location), direction, and distance. The SRM addresses the needs of a broad community of users, who have a range of accuracy and performance requirements in computationally intensive applications.

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

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BSR INCITS PN-2104-200x, Information technology - SCSI Architecture Model - 5 (SAM - 5) (new standard)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Defines an abstract-layered model specifying those common characteristics of a SCSI domain that is exhibited by all SCSI transport protocols, SCSI command sets, and implementations to ensure compatibility with device drivers and applications regardless of underlying interconnect technology. SAM-5 will maintain a high degree of compatibility with the present SAM-4 standard, which is nearing completion of its development cycle. The SCSI Architecture Model-5 standard will be based on the SCSI Architecture Model-4 standard.

NFPA (National Fire Protection Association)

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Quincy, MA 02169-7471

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E-mail: lfuller@nfpa.org

BSR/NFPA 1-200x, Fire Code (revision of ANSI/NFPA 1-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

See page 17 for the scope of this standard.

BSR/NFPA 15-200x, Standard for Water Spray Fixed Systems for Fire Protection (revision of ANSI/NFPA 15-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Provides the minimum requirements for the design, installation, and system acceptance testing of water-spray fixed systems for fire protection service and the minimum requirements for the periodic testing and maintenance of ultra-high-speed water-spray fixed systems.

BSR/NFPA 54-200x, National Fuel Gas Code (revision of ANSI Z223.1a-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Provides a safety code that shall apply to the installation of fuel gas piping systems, appliances, equipment, and related accessories.

BSR/NFPA 59A-200x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the following:
(1) Facilities that liquefy natural gas;
(2) Facilities that store, vaporize, transfer, and handle liquefied natural gas (LNG);
(3) The training of all personnel involved with LNG; and
(4) The design, location, construction, maintenance, and operation of all LNG facilities.

BSR/NFPA 1-200x, Fire Code (revision of ANSI/NFPA 1-2009)

Includes, but is not limited to, the following:
(1) Inspection of permanent and temporary buildings, processes, equipment, systems, and other fire and related life safety situations;
(2) Investigation of fires, explosions, hazardous materials incidents, and other related emergency incidents;
(3) Review of construction plans, drawings, and specifications for life safety systems, fire protection systems, access, water supplies, processes, hazardous materials, and other fire and life safety issues;
(4) Fire and life safety education of fire brigades, employees, responsible parties, and the general public;
(5) Existing occupancies and conditions, the design and construction of new buildings, remodeling of existing buildings, and additions to existing buildings;
(6) Design, alteration, modification, construction, maintenance, and testing of fire protection systems and equipment;
(7) Access requirements for fire department operations;
(8) Hazards from outside fires in vegetation, trash, building debris, and other materials;
(9) Regulation and control of special events including, but not limited to, assemblage of people, exhibits, trade shows, amusement parks, haunted houses, outdoor events, and other similar special temporary and permanent occupancies;
(10) Interior finish, decorations, furnishings, and other combustibles that contribute to fire spread, fire load, and smoke production;
(11) Storage, use, processing, handling, and on-site transportation of flammable and combustible gases, liquids, and solids;
(12) Storage, use, processing, handling, and on-site transportation of hazardous materials;
(13) Control of emergency operations and scenes;
(14) Conditions affecting fire fighter safety; and
(15) Arrangement, design, construction, and alteration of new and existing means of egress.

BSR/NFPA 77-200x, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the identification, assessment, and control of static electricity for purposes of preventing fires and explosions.

BSR/NFPA 80A-200x, Recommended Practice for Protection of Buildings from Exterior Fire Exposures (revision of ANSI/NFPA 80A-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Addresses separation distances between buildings to limit exterior fire spread based on exterior openings and other construction features.

BSR/NFPA 90A-200x, Standard for the Installation of Air-Conditioning and Ventilating Systems (revision of ANSI/NFPA 90A-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Covers construction, installation, operation, and maintenance of systems for air conditioning and ventilating, including filters, ducts, and related equipment, to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire

BSR/NFPA 90B-200x, Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (revision of ANSI/NFPA 90B-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Covers construction, installation, operation, and maintenance of systems for warm air heating and air conditioning, including filters, ducts, and related equipment to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire.

BSR/NFPA 232-200x, Standard for the Protection of Records (revision of ANSI/NFPA 232-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Provides requirements for records-protection equipment and facilities and records-handling techniques that provide protection of records in a variety of media forms from the hazards of fire. This standard covers the following categories of records-storage environments in ascending order of risk tolerance:
(1) Vaults;
(2) Archives;
(3) File rooms;
(4) Compartmented records centers; and
(5) Records centers
This standard does not consider forcible entry.

BSR/NFPA 318-200x, Standard for the Protection of Semiconductor Fabrication Facilities (revision of ANSI/NFPA 318-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to semiconductor fabrication facilities and comparable fabrication processes, including research and development areas in which hazardous chemicals are used, stored, and handled and containing what is defined in this standard as a cleanroom or clean zone, or both.

BSR/NFPA 407-200x, Standard for Aircraft Fuel Servicing (revision of ANSI/NFPA 407-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the fuel servicing of all types of aircraft using liquid petroleum fuel.

BSR/NFPA 414-200x, Standard for Aircraft Rescue and Fire-Fighting Vehicles (revision of ANSI/NFPA 414-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Specifies the minimum design, performance, and acceptance criteria for aircraft rescue and firefighting (ARFF) vehicles intended to transport personnel and equipment to the scene of an aircraft emergency for the purpose of rescuing occupants and conducting rescue and firefighting operations.

BSR/NFPA 484-200x, Standard for Combustible Metals (revision of ANSI/NFPA 484-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the production, processing, finishing, handling, recycling, storage, and use of all metals and alloys that are in a form that is capable of combustion or explosion.

BSR/NFPA 655-200x, Standard for Prevention of Sulfur Fires and Explosions (revision of ANSI/NFPA 655-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the crushing, grinding, or pulverizing of sulfur and to the handling of sulfur in any form.

BSR/NFPA 664-200x, Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities (revision of ANSI/NFPA 664-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Establishes the minimum requirements for fire and explosion prevention and protection of industrial, commercial, or institutional facilities that process wood or manufacture wood products, using wood or other cellulosic fiber as a substitute for or additive to wood fiber, and that process wood, creating wood chips, particles, or dust.

BSR/NFPA 703-200x, Standard for Fire-Retardant Treated Wood and Fire-Retardant Coatings for Building Materials (revision of ANSI/NFPA 703-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Provides criteria for defining and identifying fire-retardant-treated wood and fire-retardant-coated building materials

BSR/NFPA 704-200x, Standard System for the Identification of the Hazards of Materials for Emergency Response (revision of ANSI/NFPA 704-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Addresses the health, flammability, instability, and related hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies.

BSR/NFPA 720-200x, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment (revision of ANSI/NFPA 720-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Covers the selection, design, application, installation, location, performance, inspection, testing, and maintenance of carbon monoxide detection and warning equipment in buildings and structures. This standard contains requirements for the selection, installation, operation, and maintenance of equipment that detects concentrations of carbon monoxide that could pose a life-safety risk to most occupants in buildings and structure.

BSR/NFPA 820-200x, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Establishes minimum requirements for protection against fire and explosion hazards in wastewater treatment plants and associated collection systems, including the hazard classification of specific areas and processes. This standard shall apply to the following:
(1) Collection sewers;
(2) Trunk sewers;
(3) Intercepting sewers;
(4) Combined sewers;
(5) Storm sewers;
(6) Pumping stations;
(7) Wastewater treatment plants;
(8) Sludge-handling facilities;
(9) Chemical-handling facilities;
(10) Treatment facilities; and
(11) Ancillary structures.

BSR/NFPA 1081-200x, Standard for Industrial Fire Brigade Member Professional Qualifications (revision of ANSI/NFPA 1081-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Identifies the minimum job performance requirements (JPRs) necessary to perform the duties as a member of an organized industrial fire brigade providing services at a specific facility or site.

BSR/NFPA 1125-200x, Code for the Manufacture of Model Rocket and High Power Rocket Motors (revision of ANSI/NFPA 1125-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Applies to the manufacture of model and high-power rocket motors designed, sold, and used for the purpose of propelling recoverable aero models. This code also applies to the design, construction, and reliability of model and high-power rocket motors and model rocket and high-power motor-reloading kits and their components, and to the limitation of propellant mass and power.

BSR/NFPA 1142-200x, Standard on Water Supplies for Suburban and Rural Fire Fighting (revision of ANSI/NFPA 1142-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Identifies a method of determining the minimum requirements for alternative water supplies for structural fire-fighting purposes in areas where the authority having jurisdiction determines that adequate and reliable water supply systems for fire-fighting purposes do not otherwise exist.

BSR/NFPA 1500-200x, Standard on Fire Department Occupational Safety and Health Program (revision of ANSI/NFPA 1500-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Contains minimum requirements for a fire-service-related occupational safety and health program.

BSR/NFPA 1582-200x, Standard on Comprehensive Occupational Medical Program for Fire Departments (revision of ANSI/NFPA 1582-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Contains descriptive requirements for a comprehensive occupational medical program for fire departments.

BSR/NFPA 2112-200x, Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire (revision of ANSI/NFPA 2112-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Specifies the minimum performance requirements and test methods for flame-resistant fabrics and components and the design and certification requirements for garments for use in areas at risk from flash fires.

BSR/NFPA 2113-200x, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire (revision of ANSI/NFPA 2113-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, and consumers.

Project Need: To serve the public Interest and need.

Specifies the minimum selection, care, use, and maintenance requirements for flame-resistant garments for use in areas at risk from flash fires by industrial personnel that are compliant with NFPA 2112, Standard on Flame-Resistant Garments for Protection of Industrial Personnel against Flash Fire.

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

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BSR A118.3-200x, Specifications for Chemical Resistance, Water Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive (revision of ANSI A118.3-2009)

Stakeholders: Ceramic tile installers, contractors, builders, related material manufacturers, distributors, and retailers.

Project Need: To address new criteria.

Describes the test methods and physical properties for chemical-resistant epoxy adhesives. These are tests for bond strength, water cleanability, sag, shrinkage, thermal shock, etc.

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.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- 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 Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

CERAMIC TILE (TC 189)

ISO/DIS 13007-1, Ceramic tiles - Grouts and adhesives - Part 1: Definitions and specifications for adhesives - 11/21/2009, $53.00

ISO/DIS 13007-2, Ceramic tiles - Grouts and adhesives - Part 2: Test methods for adhesives - 11/21/2009, $102.00

ISO/DIS 13007-3, Ceramic tiles - Grouts and adhesives - Part 3: Definitions and specifications for grouts - 11/21/2009, $40.00

ISO/DIS 13007-4, Ceramic tiles - Grouts and adhesives - Part 4: Test methods for grouts - 11/21/2009, $82.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 25178-7, Geometrical product specifications (GPS) - Surface texture: Areal - Part 7: Software measurement standards - 11/21/2009, $53.00

ISO/DIS 25178-603, Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Nominal characteristics of non-contact (phase-shifting interferometric microscopy) instruments - 11/21/2009, $67.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12643-2, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 2: Press equipment and systems - 11/22/2009, $119.00

ISO 12646/DAmd1, Graphic technology - Displays for colour proofing - Characteristics and viewing conditions - Amendment 1 - 11/22/2009, $29.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 29821-1, Condition monitoring and diagnostics of machines - Ultrasound - Part 1: General guidelines - 11/21/2009, $67.00

ROAD VEHICLES (TC 22)

ISO/DIS 16844-2, Road vehicles - Tachograph systems - Part 2: Electrical interface with recording unit - 11/21/2009, $40.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 11853, Rubber - Determination of magnesium content of raw natural rubber and rubber products by atomic absorption spectrometry - 11/22/2009, $46.00

WATER QUALITY (TC 147)

ISO/DIS 28581, Water quality - Determination of selected non-polar substances - Method using gas chromatography-mass spectrometry (GC-MS) - 11/21/2009, $93.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 12153, Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys - Classification - 11/22/2009, $53.00

Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 11053:2009, Vegetable fats and oils - Determination of cocoa butter equivalents in milk chocolate, $104.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 3951-2/Amd1:2009, Sampling procedures for inspection by variables - Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics - Amendment 1, $16.00

HEALTH INFORMATICS (TC 215)

ISO 25720:2009, Health informatics - Genomic Sequence Variation Markup Language (GSVML), $104.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 10303-235:2009, Industrial automation systems and integration - Product data representation and exchange - Part 235: Application protocol: Engineering properties for product design and verification, $292.00

PAINTS AND VARNISHES (TC 35)

ISO 28199-1:2009, Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 1: Relevant vocabulary and preparation of test panels, $98.00

ISO 28199-2:2009, Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling, $65.00

ISO 28199-3:2009, Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 3: Visual assessment of sagging, formation of bubbles, pinholing and hiding power, $65.00

PAPER, BOARD AND PULPS (TC 6)

ISO 11093-5:2009, Paper and board - Testing of cores - Part 5: Determination of characteristics of concentric rotation, $43.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 3949:2009, Plastics hoses and hose assemblies - Textile-reinforced types for hydraulic applications - Specification, $80.00

SMALL CRAFT (TC 188)

ISO 10088:2009, Small craft - Permanently installed fuel systems, $65.00

SOIL QUALITY (TC 190)

ISO 23161:2009, Soil quality - Determination of selected organotin compounds - Gas-chromatographic method, $135.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 23185:2009, Assessment and benchmarking of terminological resources - General concepts, principles and requirements, $104.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 24631-1:2009, Radiofrequency identification of animals - Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code), $80.00

ISO 24631-2:2009, Radiofrequency identification of animals - Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785, $73.00

ISO 24631-3:2009, Radiofrequency identification of animals - Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785, $116.00

ISO 24631-4:2009, Radiofrequency identification of animals - Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785, $86.00

ISO Technical Reports

COSMETICS (TC 217)

ISO/TR 26369:2009, Cosmetics - Sun protection test methods - Review and evaluation of methods to assess the photoprotection of sun protection products, $135.00

HEALTH INFORMATICS (TC 215)

ISO/TR 25257:2009, Health informatics - Business requirements for an international coding system for medicinal products, $141.00

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.

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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.

ANSI Accredited Standards Developers

Approval of Accreditation

ASC Z1 – Quality Assurance

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee Z1, Quality Assurance under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective August 25, 2009. For additional information, please contact the Secretariat of ASC Z1: Ms. Jennifer Admussen, CQA, CQIA, Standards Manager, ASQ, 600 North Plankinton Avenue, Milwaukee, WI 53201; PHONE: (800) 248-1946, ext. 7736; E-mail: standards@asq.org.

Approval of Reaccreditation

Underwriters Laboratories (UL)

ANSI's Executive Standards Council has approved the reaccreditation of Underwriters Laboratories (UL), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective August 25, 2009. For additional information, please contact: Mr. Donald Snyder, Director, U.S. Standards, Underwriters Laboratories, 12 Laboratory Drive, Research Triangle Park, NC 27709; PHONE: (919) 549-1850; FAX: (919) 547-6173; E-mail: Donald.E.Snyder@us.ul.com.

Withdrawal of Accreditation

Hydrogen Executive Leadership Panel (HELP)

The Hydrogen Executive Leadership Panel (HELP) has requested the formal withdrawal of its ANSI accreditation as a developer of American National Standards. HELP currently maintains no American National Standards. This action is taken, effective August 25, 2009. For additional information, please contact: Ms. Erin Friel, NASFM, 1319 F Street NW, Suite 301, Washington, DC 20004; PHONE: (202) 737-1226; FAX: (202) 393-1296; E-mail: efriel@firemarshals.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Request for Scope Extension

Compliance Certification Services (CCS)

Comment Deadline September 28, 2009

Ms. Barbara Judge
Vice-President
Compliance Certification Services (CCS)
47173 Benicia Street
Fremont, CA 94538
PHONE: (510) 771-1000
FAX: (510) 661-0888
E-mail: barbara.judge@ccsemc.com
Web: http://www.ccsemc.com

Compliance Certification Services (CCS), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following Scope(s):

IDA TS UWB Dec 2007

IDA TS WBA Jun 2005

Please send your comments by September 30, 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 or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036; FAX: (202) 293-9287 or E-mail: njackson@ansi.org.

ANSI-ASQ National Accreditation Board

ISO 14001 Environmental Management Systems

Application for Accreditation

Certification Body

Korea Management Association Registration & Assessments Inc., Republic of Korea

Comment Deadline: September 30, 2009

Korea Management Association Registration & Assessments Inc., Republic of Korea, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of Environmental Management Systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by September 30, 2009, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

ISO 9001 Quality Management Systems

Application for Accreditation

Certification Body

Korea Management Association Registration & Assessments Inc., Republic of Korea

Comment Deadline: September 30, 2009

Korea Management Association Registration & Assessments Inc., Republic of Korea, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of Quality Management Systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by September 30, 2009, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Mechatronics

Comment Deadline: September 18, 2009

AFNOR (France) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Mechatronics, with the following scope statement:

> Standardization in the field of mechatronics, which is an approach aiming at the synergistic integration of mechanics, electronics, control theory, and computer science within product design and manufacturing, in order, in particular, to improve and/or optimize the functionality of mechanical products.
>
> The word "mechatronics" was invented in 1969 by Mr. Tetsuro Mori, executive officer of the Japanese company Yaskawa Electric Corporation, a manufacturer of automation systems and components. The word "mechatronics" was built by the combination of "mecha" from "mechanism" and "tronics" from electronics. The word was first registered as a trademark. Due to its large use worldwide, Yaskawa gave up its rights in 1982.

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 at hscully@ansi.org by September 18th, with submission of comments to Steven Cornish, ANSI, scornish@ansi.org, by September 25, 2009.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Asset Management

Comment Deadline: September 29, 2009

BSI (United Kingdom) has submitted to ISO a proposal for a series of three ISO standards on the subject of Asset Management, with the following scope statements for each:

Asset management – Overview, principles and terminology

This International Standard provides:
a) an overview of the asset management family of standards;
b) an introduction to asset management;
c) a description of the underlying principles of asset management
d) examples of the application of asset management principles,
e) a brief description of the Plan-Do-Check-Act (PDCA) methodology and its application within the asset management standards; and
f) details of the terms and definitions for use in the asset management family of standards.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

Asset management – Requirements

This International Standard specifies the requirements for an asset management system to optimally and sustainably manage physical assets and asset systems over their life cycles.

This International Standard is applicable to any organization that wishes to:
a) establish an asset management system to optimally and sustainably manage its physical assets over their life cycles or over a defined long-term period;
b) implement, maintain and improve the management of its assets;
c) assure itself of conformity with its stated asset management policy and strategy,
d) demonstrate conformity with this International Standard by
e) making a self-determination and self-declaration, or
f) seeking confirmation of its conformance by parties having an interest in the organization, such as customers, or
g) seeking confirmation of its self-declaration by a party external to the organization, or
h) seeking certification/registration of its asset management system by an external organization.

This International Standard is applicable to all types of organization (e.g., commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

NOTE 1
The management of physical assets is inextricably linked to the management of other asset types (for example, the optimal life cycle management of physical assets is heavily dependent upon information and knowledge, human assets and financial resources, and often has a significant impact on reputation and customer satisfaction); these other asset types are addressed within the requirements of this International Standard, insofar as they have a direct impact on the management of physical assets.

NOTE 2
The organization can need to manage its asset s optimally for an indefinite period into the future, i.e., in perpetuity; in such situations the organization can define the "long-term period" to be in alignment with the time horizon of its organizational strategic plan, including the life cycles of critical assets.

Asset management – Guidelines on the application of ISO Asset Management Requirements Standard

This International Standard provides guidelines for the application of the requirements specified in the ISO asset management requirements standard. It provides guidance on the establishment, implementation, maintenance and improvement of an asset management system and its coordination with other management systems.

This International Standard does not prescribe mandatory approaches, methods or tools for the implementation of the requirements of the ISO asset management requirements standard, but rather seeks to aid understanding and implementation by means of examples and illustrations.

This International Standard is applicable to all types of organization (e.g., commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standards does not create any additional requirements to those specified in the ISO asset management requirements standard.

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

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

Anyone wishing to review the new work items can request a copy of the proposal by contacting Henrietta Scully, ANSI, via e-mail: hscully@ansi.org by September 29th with submission of comments to Steven Cornish, ANSI, scornish@ansi.org by October 2, 2009.

Invitation to ISO Workshop

AFNOR (France)

Following approval by the Technical Management Board of a proposal from AFNOR (France) regarding the classification of glass clarity, AFNOR has invited all ISO member bodies to participate in the first ISO Workshop meeting October 15-16th, 2009 in Paris, France. Those interested in more information and/or participating should contact Rachel Howenstine, ANSI, (rhowenstine@ansi.org).

U.S. Technical Advisory Group

Call for Participation

US/TAG to ISO/PC 245- Cross-Border Trade of Second-Hand Goods

The newly formed US/TAG to ISO/PC 245, Cross-border trade of second-hand goods, is inviting additional participants to join the US/TAG. The scope of ISO/PC 245 is currently listed as “Standardization in the field of cross-border trade of second-hand goods.” The first international meeting of the group is planned to take place in Beijing, China in September. Those interested in participating on the US/TAG should contact Rachel Howenstine, ANSI, rhowenstine@ansi.org.

BSR/ASA S3.22-200X - Proposed revision to ANSI/ASA S3.22-2009 Specification of Hearing Aid Characteristics

Note: ~~strikethrough~~ text marks deletions from the original document; underlined text marks addition to the original document:

Text in Subclause 5.1 to be changed: "Atmospheric pressure: 760 (+35, -150) mm of Hg or 101.3 (+5, ~~-10~~ -20) kPa"

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. Revision 2 additions are also underlined.]

NSF/ANSI Standard
for Drinking Water Additives —

Drinking water system components – Health effects

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9 Mechanical plumbing devices

9.1 Coverage

This section covers mechanical plumbing devices, components, and materials that are typically installed within the last liter of the distribution system (endpoint devices) and are intended to dispense water for human ingestion. In-line devices are excluded from this section. Point-of-use and point-of-entry water treatment devices are excluded.

9.1.1 Endpoint devices specifically included in the coverage of this section are:

– remote chillers;
– ~~single-handle and two-handle~~ lavatory faucets (for example: centersets, widespread, mini-spread, and basin cocks), except as exempted in 9.1.2;

– ~~two-hole and single-hole~~ bar faucets;

– ~~single-handle and two-handle~~ kitchen faucets (for example: top mounts, ~~concealed fittings,~~ and wall mounts);

– hot and cold water dispensers;

– drinking fountains, drinking fountain bubblers, and water coolers;

– glass fillers;

– residential refrigerator ice makers;

– flexible plumbing connectors and flexible risers intended for potable water applications;

– supply stops and endpoint control valves; and

– commercial kitchen devices (see 9.2.3), limited to the following:

– pot and kettle fillers (see 9.2.7);

– devices with extended standpipes or risers (see 9.2.5); and

– pre-rinse assemblies that include an auxiliary spout or other outlet.

NOTE 1 – Only the commercial kitchen devices listed above shall be evaluated using the 18.9 L (5 gal) normalization.

NOTE 2 – The base device to which the pre-rinse component is added shall be considered a commercial kitchen device only if it meets the definition of either a pot and kettle filler (see 9.2.7) or a device with extended standpipes or risers (see 9.2.5).

9.1.2 Endpoint devices specifically exempted from the coverage of this section are:

– bath and shower valves, shower heads of all types, and Roman tub valves;

– all drains;

– backflow prevention devices;

– flexible plumbing connectors and flexible risers not intended for potable water applications (~~i.e.~~ for example: washing machines, dishwashers, etc.);

– pre-rinse assemblies that do not include an auxiliary spout or other outlet; and

– all endpoint devices that are not specifically intended to dispense water for human consumption, for example:

– utility, laundry, laboratory, bidet, and shampoo ~~fittings~~ faucets;
– faucets with a hose thread spout end or with a quick disconnect end;
– faucets that are self-closing or metering;
– ~~or~~ electronically activated non-kitchen faucets; or
– ~~non-lavatory~~ hand wash stations.

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9.2 Definitions

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9.2.9 **remote chiller:** A device designed to deliver chilled water, typically installed in a remote location to enhance aesthetics, that is connected to the spigot(s)/spout(s) by pipe/tubing and is generally installed within the last 1 L (0.26 gal) of the water distribution system of a building.

9.2.~~9~~10 water distribution system (building): A continuous system of piping, devices, and related fittings, beginning after the water meter and water meter setting equipment, that is intended to convey potable water in a building to points of usage.

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BSR/UL 705

PROPOSAL

Table 13.2

Application of UL 991, UL 1998, UL 60730-1A, and UL 60730-2-9

	Application of UL 991 and UL 1998	Application of UL 60730-1A, and UL 60730-2-9
1)	Conduct a failure-mode and effect analysis (FMEA) - for the protective circuit identified in 13.3.6.	Conduct a failure-mode and effect analysis (FMEA) - for the protective circuit identified in 13.3.6.
2)	A control becoming permanently inoperative and disconnecting power meets the criteria for electrical supervision of critical components and trouble indication.	A control becoming permanently inoperative and disconnecting power meets the criteria for electrical supervision of critical components and trouble indication.
3)	Assumed temperature ranges are as follows:	Assumed temperature ranges are as follows:
	a) Indoor Use: 0.0 ±2°C (32.0 ±3.6°F) and 40.0 ±2°C (104 ±3.6°F),	a) Indoor Use: 0.0 ±2°C (32.0 ±3.6°F) and 40.0 ±2°C (104 ±3.6°F),
	b) Outdoor Use: -35.0 ±2°C (–31.0 ±3.6°F) and 40.0 ±2°C (104 ±3.6°F).	b) Outdoor Use: -35.0 ±2°C (–31.0 ±3.6°F) and 40.0 ±2°C (104 ±3.6°F).
4)	Cycling test duration shall be 14 days.	Cycling test duration shall be 14 days.
5)	Endurance test duration shall be 100,000 cycles.	Endurance test duration shall be 100,000 cycles.
6)	Radio-frequency electromagnetic field immunity:	Radio-frequency electromagnetic field immunity:
	a) Immunity to conducted disturbances - When applicable test level 3 shall be used,	a) Immunity to conducted disturbances - When applicable test level 3 shall be used,
	b) Immunity to radiated electromagnetic fields - field strength of 3 V/m shall be used.	b) Immunity to radiated electromagnetic fields - field strength of 3 V/m shall be used.
7)	For exposure to humidity, the following conditions shall apply:	For exposure to humidity, the following conditions shall apply:
	a) Indoor Use: 21.1 to 26.7°C (70 to 80°F) and minimum 50 percent relative humidity,	a) Indoor Use: 21.1 to 26.7°C (70 to 80°F) and minimum 50 percent relative humidity,

	b) Outdoor Use: minimum 98 percent relative humidity.	b) Outdoor Use: minimum 98 percent relative humidity.
8)		Surge immunity test - Test with installation Class 3 used for other than outdoor use protective devices. Class 4 shall be used for protective devices intended for outdoor use.
9)	Electrical fast transient/burst immunity such that a test level 3 shall be used for all equipment other than outdoor use equipment. Test level 4 shall be used for outdoor use equipment.	Electrical fast transient/burst immunity such that a test level 3 shall be used for all equipment other than outdoor use equipment. Test level 4 shall be used for outdoor use equipment.
10)		Electrostatic Discharge Test with a Severity Level of 3 having Contact Discharge at 6 kV for accessible metal parts and air discharge at 8 kV for accessible parts of insulating material.

BSR/UL 1449
Standard for Surge Protective Devices

1. Revision to Pass Criteria in Nominal Discharge Current Test for Type 2 SPDs

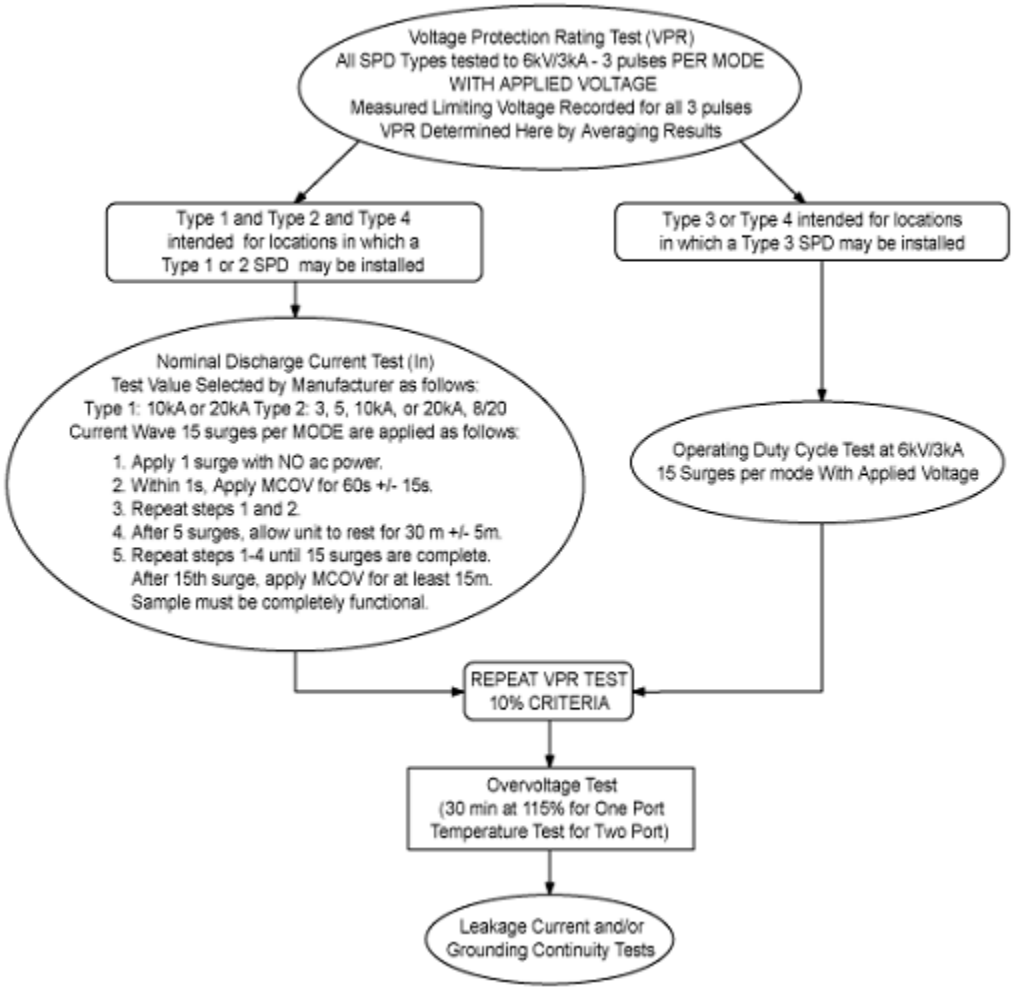
37.8.3 Pass Criteria - During and following the Nominal Discharge Current Test and the Duty Cycle Test, the following conditions shall not result:

a) Emission of flame, molten metal, glowing or flaming particles through any openings (pre-existing or created as a result of the test) in the product.
b) Charring, glowing, or flaming of the supporting surface, tissue paper, or cheesecloth.
c) Ignition of the enclosure.
d) Creation of any openings in the enclosure that results in accessibility of live parts, when judged in accordance with Accessibility of Live Parts, Section 13.
e) Supplementary protective devices, internal or external to the SPD, opening on 10kA and 20kA devices.

38.5 Pass Criteria - During and following the overvoltage tests the following conditions shall not result:

a) Emission of flame, molten metal, glowing or flaming particles through any openings (pre-existing or created as a result of the test) in the product.
b) Charring, glowing, or flaming of the supporting surface, tissue paper, or cheesecloth.
c) Ignition of the enclosure.
d) Creation of any openings in the enclosure that results in accessibility of live parts, when judged in accordance with Accessibility of Live Parts, Section 13.
e) Supplementary protective devices, internal or external to the SPD, opening on 10kA and 20kA devices.

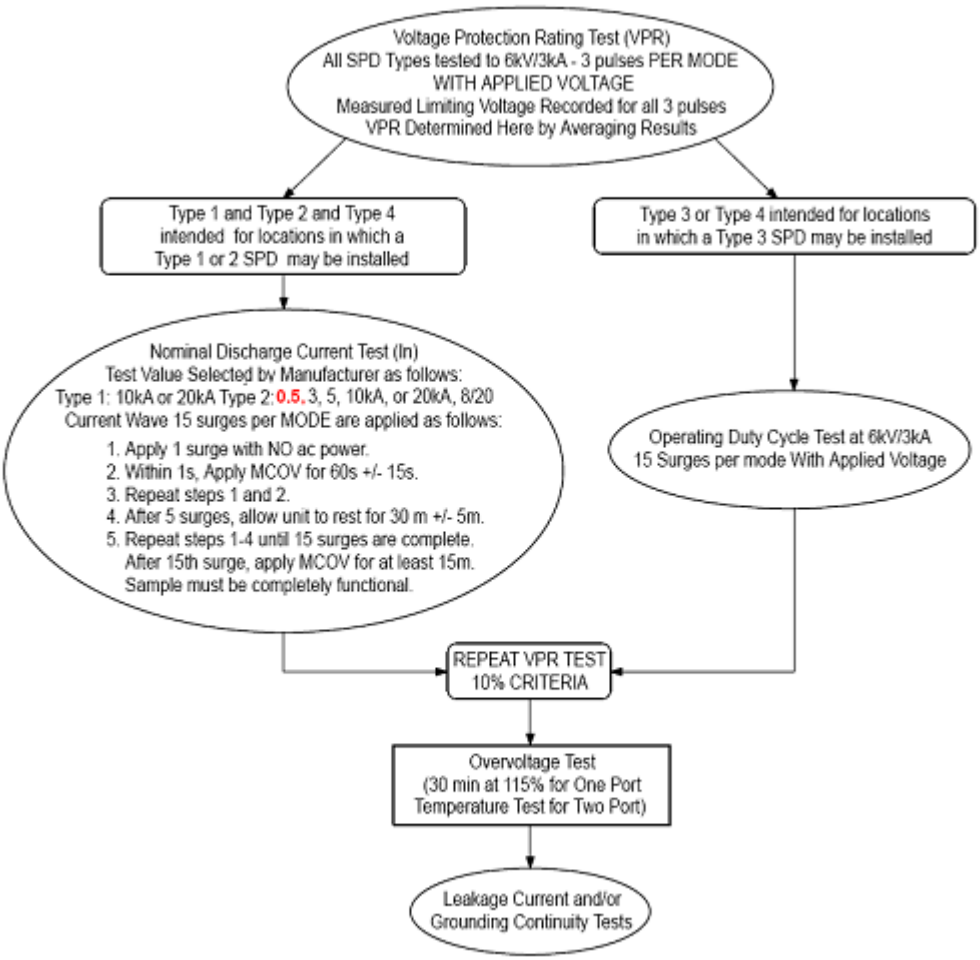
Figure 33.1
Test program flow chart 1



2. Addition of Test Value in Nominal Discharge Current Test for Type 2 SPDs

37.7.1 The manufacturer shall specify (declare) the value of the Nominal Discharge Current (I_n) to which the sample will be tested. The value of the Nominal Discharge Current (I_n) selected by the manufacturer shall be: 10 kA or 20 kA for Type 1 SPDs and 0.5 kA, 3 kA, 5 kA, 10 kA or 20 kA for Type 2 SPDs. The surge generator shall be adjusted to ensure that the value of I_n (selected by the manufacturer) is impressed through the SPD.

Figure 33.1
Test program flow chart 1



su0452

3. Revision of Current Used to Determine VPR

37.6.1 General - ~~A 6 kV/3kA Combination Wave Surge is~~ The declared value by the manufacturer during the nominal discharge Current (I_n) Test in 37.7 shall be used to determine the Voltage Protection Rating and to benchmark the sample prior to the Nominal Discharge Current (I_n) Test described in 37.7.

37.6.2 Each of the three representative devices shall be subjected to three (3) x ~~6 kV/ 3 kA~~ (the declared value by the manufacturer during the Nominal Discharge Current (I_n) Test) impulse surges specified in Table 37.1, with the open-circuit voltage and the output of the surge generator calibrated as specified in 37.3. The surge generator (including its means of connection to the SPD), ac power line, and measuring equipment shall be as described in 37.2 - 37.4.

37.9.1 Following the testing in 37.6, 37.7, 37.8, the SPDs shall be allowed to cool to room temperature and then be subjected to the ~~6 kV/3 kA combination wave as described in 37.6~~ (declared value by the manufacturer during the Nominal Discharge Current (I_n) test). The resulting ~~average~~ measured limiting voltage shall not deviate more than 10 percent from the original ~~average~~ values measured in 37.6.