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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: June 1, 2014

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1bg-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum adds new requirements intended to foster native plants and to maintain habitat for birds and insects.

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

Send comments (with copy to psa@ansi.org) to: <https://www.ashrae.org/standards-research--technology/public-review-drafts>

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1cd-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum adds measures that will reduce the entry of contaminants from entering occupied spaces within the construction area or those that are immediately adjacent.

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

Send comments (with copy to psa@ansi.org) to: <https://www.ashrae.org/standards-research--technology/public-review-drafts>

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.1-201x, Power Piping (revision of ANSI/ASME B31.1-2012)

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

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

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

ICC (International Code Council)

Revision

BSR/ICC 500-201x, ICC/NSSA Standard for the Design and Construction of Storm Shelters (revision of ANSI/ICC 500-2008)

The objective of this Standard is to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe, reliable, and economical storm shelters to protect the public. It is intended that this Standard be used by design professionals, storm shelter designers, manufacturers, and constructors, building officials, emergency management personnel, and government officials to insure that storm shelters provide a consistently high level of protection to the sheltered public.

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

Send comments (with copy to psa@ansi.org) to: Edward Wirtschoreck, (708) 799-2300 x4317, ewirtschoreck@iccsafe.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 197-201X, Standard for Safety for Commercial Electric Cooking Appliances (Proposal dated 5/2/14) (revision of ANSI/UL 197-2011)

(1) Addition of Door Opening Test, New 5A.9, New Clauses 65A and 65B

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

Single copy price: Contact comm2000 for pricing and delivery options

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 588-201x, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)

This covers: (1) Revision of decorative outfit product accessory length; and (2) Addition of CXTW-S

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

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

Comment Deadline: June 16, 2014

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.25-2004 (R201x), Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (reaffirmation of ANSI/ASA S2.25-2004 (R2009))

This standard contains guidelines for limiting the hull and superstructure vibration of ships for the purposes of habitability and mechanical suitability. The mechanical suitability guidelines result in a suitable environment for installed equipment and preclude many major vibration problems, such as unbalance, misalignment, and other damage to the propulsion system. To obtain data to compare with the guidelines, this standard also specifies data acquisition and processing procedures.

Single copy price: \$110.00

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 psa@ansi.org) to: Same

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.62-2009 (R201x), Shock Test Requirements for Equipment in a Rugged Shock Environment (reaffirmation of ANSI/ASA S2.62-2009)

Standard to be used for testing equipment that will be subjected to shock. It defines test requirements and severity thresholds for a large range of shock environments, including but not limited to shipping, transport, and rugged operational environments. This standard allows vendors to better market and users to more easily identify equipment that will operate or simply survive in rugged shock environments.

Single copy price: \$145.00

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 psa@ansi.org) to: Same

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

BSR X9.121-201x, Balance and Transaction Reporting Standard (BTRS) (Formerly Cash Management Reporting Specification Version 2) (revision of ANSI X9.121-2012)

The BAI Codes Type 2 has been in use in the United States and elsewhere for a period of time. BAI has legally transferred the copyright to X9. These codes are widely used in the area of cash management reporting by banks and corporates. The project will convert the existing codes into a formal cash reporting standard and update all relevant areas. Given the widespread international use of the BAI codes, the final work product will consider the needs of a broader community, including ISO 20022.

Single copy price: \$FREE

Order from: Janet Busch, (410) 267-7707, janet.busch@x9.org

Send comments (with copy to psa@ansi.org) to: janet.busch@x9.org

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

BSR/ASME BTH-1-201x, Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2011)

This Standard provides minimum structural and mechanical design and electrical component selection criteria for ASME B30. 20, Below-the-Hook Lifting Devices. The provisions in this Standard apply to the design or modification of below-the-hook lifting devices. Lifting devices designed to this Standard shall comply with ASME B30. 20, Below-the-Hook Lifting Devices.

Single copy price: \$free

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

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

Send comments (with copy to psa@ansi.org) to: Matthew Gerson, (212) 591-7179, gersonm@asme.org

ASSE (ASSE International Chapter of IAPMO)**New Standard**

BSR/ASSE 12000-201x, Professional Qualifications Standard for the Health and Safety of Construction and Maintenance Personnel (new standard)

This series sets minimum criteria for the training and certification of employers and pipe trades, and other construction and maintenance personnel, on how to safely work where potentially deadly diseases may be present. The standards provide general knowledge of pathogens, biohazards and infectious diseases for plumbing, piping, and mechanical systems workers who have the potential for exposure to pathogens, biohazards or OPIM. It also provides general knowledge about contamination/infection prevention procedures to protect facility occupants and operations.

Single copy price: \$60.00

Obtain an electronic copy from: marianne.waickman@asse-plumbing.org

Order from: Marianne Waickman, (708) 995-3012, Marianne@asse-plumbing.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM F1355-201x, Guide for Irradiation of Fresh Agricultural Produce as a Phytosanitary Treatment (new standard)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM D2276-2006 (R201x), Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling (reaffirmation of ANSI/ASTM D2276-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2559-2008 (R201x), 00 PORTABLE DOCUMENT FORMAT IN HEALTHCARE, A BEST PRACTICE GUIDE (reaffirmation of ANSI/ASTM E2559-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2682-2009 (R201x), Guide for Developing a Disaster Recovery Plan for Medical Transcription Departments and Businesses (reaffirmation of ANSI/ASTM E2682-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D1322-201x, Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel (revision of ANSI/ASTM D1322-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D6300-201x, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2013a)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

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ASTM (ASTM International)**Revision**

BSR/ASTM D7566-201x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2013)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM D7719-201x, Specification for High-Octane Unleaded Fuel (revision of ANSI/ASTM D7719-2013)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E18-201x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2014)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E136-201x, Test Method for Behavior of Materials in a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E176-201x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2013)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E329-201x, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2013)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2586-201x, Practice for Calculating and Using Basic Statistics (revision of ANSI/ASTM E2586-2013)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2707-201x, Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure (revision of ANSI/ASTM E2707-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F861-201x, Specification for Commercial Dishwashing Racks (revision of ANSI/ASTM F861-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F917-201x, Specification for Commercial Food Waste Disposers (revision of ANSI/ASTM F917-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F953-201x, Specification for Commercial Dishwashing Machines (Stationary Rack, Dump Type) Chemical Sanitizing (revision of ANSI/ASTM F953-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1495-201x, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2014)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1899-201x, Specification for Food Waste Pulper Without Waterpress Assembly (revision of ANSI/ASTM F1899-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

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

http://www.astm.org/ANSI_SA

Single copy price: \$0.00

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

AWWA (American Water Works Association)

BSR/AWWA B116-201x, Electrodialysis and Ion-Exchange Membrane Systems (revise and partition ANSI/AWWA B110-2009)

This standard sets minimum requirements for ion-exchange membrane (IEM) systems such as electrodialysis (ED), electrodialysis reversal (EDR), electrodialysis metathesis (EDM), and electrodeionization (EDI) for water and reclaimed water treatment systems. Please note that the terms 'ion exchange' and 'ion-exchange' are used interchangeably with the terms 'ion transfer' and 'ion-transfer' in this document. Characteristics of ED/EDR membranes are compared to other types of membranes in Table 1.1.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

ECA (Electronic Components Association)**Revision**

BSR/EIA 364-F-201x, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-E-2008)

This standard establishes a recommended minimum test sequence and test procedures for electrical connectors and sockets. This standard also includes administrative details and guidelines for connector/socket qualification and an annex for pertinent technical information.

Single copy price: \$92

Obtain an electronic copy from: global.ihs.com (877) 413-5184

Order from: global.ihs.com (877) 413-5184

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

ECA (Electronic Components Association)**Revision**

BSR/EIA 364-31D-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31C-2008)

The purpose of these tests is to evaluate materials and/or connector/socket assemblies as they are impacted by the effects of high humidity and heat. These tests are intended to be noncondensing.

Single copy price: \$80

Obtain an electronic copy from: global.ihs.com 1-800-447-2273

Order from: global.ihs.com 1-800-447-2273

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

IIAR (International Institute of Ammonia Refrigeration)***New Standard***

BSR/IIAR 4-201x, Installation of Ammonia Refrigeration Systems (new standard)

The standard shall provide the minimum requirements for the safe installation of ammonia refrigeration systems.

Single copy price: \$40 or free until review is over

Obtain an electronic copy from: eric.smith@iiar.org

Order from: Eric Smith, (703) 312-4200, eric.smith@iiar.org

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

INMM (ASC N15) (Institute of Nuclear Materials Management)***New Standard***

BSR N15.56-201x, Standard for Methods of Nuclear Material Control - Nondestructive Assay Program - Nondestructive Assay Measurements of Nuclear Material Holdup: General Provisions (new standard)

This standard defines administrative practices for generating and reporting of nondestructive assay (NDA) data regarding holdup deposits. It provides guidance on procedures, definition of terms, definition of quality objectives, vocabulary, recordkeeping, application of techniques, calculation, reporting of values, and uncertainties so that some consistency of use can be achieved by as large a community of stakeholders as practicable.

Single copy price: \$free

Obtain an electronic copy from: lynne.preston@hq.doe.gov

Order from: Lynne Preston, (301) 903-2627, lynne.preston@hq.doe.gov

Send comments (with copy to psa@ansi.org) to: lynne.preston@hq.doe.gov

ISA (International Society of Automation)***New Standard***

BSR/ISA 96.06.01-201x, Guidelines for the Specification of Self Contained Electro-Hydraulic Valve Actuators (new standard)

This standard provides requirements for the specification of self contained electro-hydraulic linear and rotary valve actuators, both double acting and single acting, used for on-off/isolating, positioning and continuous modulating duties. Self contained electro-hydraulic actuation is defined as any actuator which: a) Utilizes hydraulic fluid as the driving medium b) Requires only electric power and a control signal to operate c) Has its own dedicated electronic controller d) Has its own dedicated hydraulic power unit (HPU)

Single copy price: \$60

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

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

INCITS/ISO/IEC 9075-1:2011/Cor 1:2013, Information technology -- Database languages -- SQL -- Part 1: Framework (SQL/Framework), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075-1:2011/Cor 1:2013)

This corrigendum corrects a technical defect in the base standard, ISO/IEC 9075-1:2011, which describes the conceptual framework used in other parts of ISO/IEC 9075 to specify the grammar of SQL and the result of processing statements in that language by an SQL-implementation.

Single copy price: \$0.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, comments@itic.org

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

INCITS/ISO/IEC 9075-2:2011/Cor 1:2013, Information technology -- Database languages -- SQL -- Part 2: Foundation (SQL/Foundation), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075-2:2011/Cor 1:2013)

This corrigendum corrects a technical defect in the base standard, ISO/IEC 9075-2:2011, which defines the data structures and basic operations on SQL-data. It provides functional capabilities for creating, accessing, maintaining, controlling, and protecting SQL-data. Both static and dynamic variants of the language are proved. In addition to direct invocation, bindings are provided for the programming languages Ada, C, COBOL, Fortran, M, Pascal, and PL/I.

Single copy price: \$0.00

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

Order from: <http://webstore.ansi.org>

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

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

INCITS/ISO/IEC 9075-4:2011/Cor 1:2013, Information technology -- Database languages -- SQL -- Part 4: Persistent Stored Modules (SQL/PSM), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075-4:2011/Cor 1:2013)

This corrigendum corrects a technical defect in the base standard, ISO/IEC 9075-4:2011, which specifies the syntax and semantics of statements to add a procedural capability to the SQL language in functions and procedures. It includes statements to direct the flow of control, define variables, make assignments and handle exception conditions.

Single copy price: \$0.00

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

Order from: <http://webstore.ansi.org>

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

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

New National Adoption

INCITS/ISO/IEC 9075-14:2011/Cor 1:2013, Information technology -- Database languages -- SQL -- Part 14: XML-Related Specifications (SQL/XML), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075-14:2011/Cor 1:2013)

This corrigendum corrects a technical defect in the base standard, ISO/IEC 9075-14:2011, which defines ways in which SQL can be used in conjunction with XML. It defines ways of importing and storing XML data in an SQL database, manipulating it within the database and publishing both XML and conventional SQL-data in XML form.

Single copy price: \$0.00

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

Order from: <http://webstore.ansi.org>

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

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

New National Adoption

INCITS/ISO/IEC 11160-2:2013, Information technology -- Office equipment -- Minimum information to be included in specification sheets -- Printers -- Part 2: Class 3 and Class 4 printers (identical national adoption of ISO/IEC 11160-2:2013 and revision of INCITS/ISO/IEC 11160-2:1996 [R2009])

ISO/IEC 11160 is intended to facilitate users in selecting a printer which meets their requirements. ISO/IEC 11160 specifies the minimum information to be included in the specification sheets of printers in order for users to compare the characteristics of different machines. The term "Specification Sheets" applies to documents which describe the performance characteristics of the printers to be included in instruction manuals, product brochures or on websites. ISO/IEC 11160 applies to printers that could be operated in an office environment. Printers requiring specially equipped rooms or specially instructed operators are not considered in ISO/IEC 11160.

Single copy price: \$123.00

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

Order from: <http://webstore.ansi.org>

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

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

New National Adoption

INCITS/ISO/IEC 19794-7:2014, Information technology -- Biometric data interchange formats -- Part 7: Signature/sign time series data (identical national adoption of ISO/IEC 19794-7:2014)

ISO/IEC 19794-7:2014 specifies data interchange formats for signature/sign behavioural data captured in the form of a multi-dimensional time series using devices such as digitizing tablets or advanced pen systems. The data interchange formats are generic, in that they may be applied and used in a wide range of application areas where handwritten signs or signatures are involved. No application-specific requirements or features are addressed in ISO/IEC 19794-7:2014.

Single copy price: \$240.00

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

Order from: <http://webstore.ansi.org>

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

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

New National Adoption

INCITS/ISO/IEC 19794-5:2011/Amd 1:2014, Information technology -- Biometric data interchange formats -- Part 5: Face image data Amendment 1: Conformance testing methodology and clarification of defects (identical national adoption of ISO/IEC 19794-5:2011/Amd 1:2014)

This is the first amendment to the 2011 edition of ISO/IEC 19794-5 that: specifies a record format for storing, recording, and transmitting information from one or more facial images or a short video stream of facial images, - specifies scene constraints of the facial images, - specifies photographic properties of the facial images, - specifies digital image attributes of the facial images, and - provides best practices for the photography of faces.

Single copy price: \$224.00

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

New National Adoption

INCITS/ISO/IEC 29182-3-201x, Information technology -- Sensor networks: Sensor Network Reference Architecture (SNRA) -- Part 3: Reference architecture views (identical national adoption of ISO/IEC 29182-3:2014)

ISO/IEC 29182-3:2014 provides Sensor Network Reference Architecture (SNRA) views. The architecture views include business, operational, systems, and technical perspectives, and these views are presented in functional, logical, and/or physical views where applicable. ISO/IEC 29182-3:2014 focuses on high-level architecture views which can be further developed by system developers and implementers for specific applications and services.

Single copy price: \$139.00

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Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, comments@itic.org

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

New National Adoption

INCITS/ISO/IEC 18025:2014, Information technology -- Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2014 and revision of INCITS/ISO/IEC 18025:2005 [2009])

ISO/IEC 18025:2014 provides mechanisms to specify unambiguously objects used to model environmental concepts. To accomplish this, a collection of nine EDCS dictionaries of environmental concepts are specified:

classifications: specify the type of environmental objects; attributes: specify the state of environmental objects; attribute value characteristics: specify information concerning the values of attributes; attribute enumerants: specify the allowable values for the state of an enumerated attribute;

units: specify quantitative measures of the state of some environmental objects; unit scales: allow a wide range of numerical values to be stated; unit equivalence classes: specify sets of units that are mutually comparable; organizational schemas: useful for locating classifications and attributes sharing a common context; and

groups: into which concepts sharing a common context are collected.

A functional interface is also specified.

As denoting and encoding a concept requires a standard way of identifying the concept, ISO/IEC 18025:2014 specifies labels and codes in the dictionaries.

Single copy price: \$295.00

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

Order from: <http://webstore.ansi.org>

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, comments@itic.org

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

New National Adoption

INCITS/ISO/IEC 40500:2012, Information technology -- W3C Web Content Accessibility Guidelines (WCAG) 2.0 (identical national adoption of ISO/IEC 40500:2012)

ISO/IEC 40500:2012 [Web Content Accessibility Guidelines (WCAG) 2.0] covers a wide range of recommendations for making Web content more accessible. Following these guidelines will make content accessible to a wider range of people with disabilities, including blindness and low vision, deafness and hearing loss, learning disabilities, cognitive limitations, limited movement, speech disabilities, photo-sensitivity and combinations of these. Following these guidelines will also often make your Web content more usable to users in general.

Single copy price: \$51.00

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

Order from: <http://webstore.ansi.org>

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

NFRC (National Fenestration Rating Council)

New Standard

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-factors (new standard)

This standard specifies a method for determining fenestration product U-factor (thermal transmittance).

Single copy price: \$0.00

Obtain an electronic copy from: <https://nfrccommunity.site-ym.com/?NFRC100PR>

Order from: Robin Merrifield, (301) 589-1776, ext. 213, rmerrifield@nfrcc.org

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

NFRC (National Fenestration Rating Council)

New Standard

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (new standard)

This standard specifies a method for calculating solar heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.

Single copy price: \$0.00

Obtain an electronic copy from: <https://nfrccommunity.site-ym.com/?NFRC200PR>

Order from: Robin Merrifield, (301) 589-1776, ext. 213, rmerrifield@nfrcc.org

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

NFRC (National Fenestration Rating Council)

New Standard

BSR/NFRC 400-201x, Procedure for Determining Fenestration Product Air Leakage (new standard)

This standard specifies a procedure for determining fenestration product air leakage.

Single copy price: \$0.00

Obtain an electronic copy from: <https://nfrccommunity.site-ym.com/?NFRC400PR>

Order from: Robin Merrifield, (301) 589-1776, ext. 213, rmerrifield@nfrcc.org

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

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

Revision

BSR A108.01-201x, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2013)

This specification is intended to describe the general requirements for substrates and subsurfaces and general guidelines for preparation by other trades as it relates to the installation of ceramic tile.

Single copy price: \$15

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, KSimpson@tileusa.com

VITA (VMEbus International Trade Association (VITA))**Reaffirmation**

BSR/VITA 30.1-2008 (R201x), 2mm Connector Equipment Practice on Conduction Cooled Euroboards (reaffirmation of ANSI/VITA 30.1-2008)

This specification is applicable to, but not limited to, the CompactPCI bus standard, an internal interconnect (backplane) bus intended for connecting individual processing, memory, communications and I/O elements to additional resources.

Single copy price: \$50.00

Obtain an electronic copy from: shop.vita.com

Send comments (with copy to psa@ansi.org) to: jing.kwok@vita.com

VITA (VMEbus International Trade Association (VITA))**Reaffirmation**

BSR/VITA 58.0-2009 (R201x), Line Replaceable Integrated Electronics Chassis Standard (reaffirmation of ANSI/VITA 58.0-2009)

This standard provides common design and performance requirements for a family of integrated electronic chassis incorporating updated industry standard high speed electronic assemblies and designed for rugged environments.

Single copy price: \$25.00

Obtain an electronic copy from: shop.vita.com

Send comments (with copy to psa@ansi.org) to: jing.kwok@vita.com

Comment Deadline: July 1, 2014

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

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

BSR/ASME B16.12-2009 (R201x), Cast Iron Threaded Drainage Fittings (reaffirmation of ANSI/ASME B16.12-2009)

This Standard for cast iron threaded drainage fittings covers

(a) sizes and method of designating openings in reducing fittings

(b) marking

(c) material

(d) dimensions and tolerances

(e) threading

(f) ribs

(g) coatings

(h) face bevel

Single copy price: \$47.00

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

Send comments (with copy to psa@ansi.org) to: Carlton Ramcharran, (212) 591-7955, ramcharranc@asme.org

ASSE (ASC Z244) (American Society of Safety Engineers)**Reaffirmation**

BSR/ASSE Z244.1-2003 (R201x), Control of Hazardous Energy - Lockout/Tagout and Alternative Methods (reaffirmation of ANSI/ASSE Z244.1-2003 (R2008))

This standard establishes requirements for the control of hazardous energy associated with machines, equipment, or processes that could cause injury to personnel.

Single copy price: \$57.00

Obtain an electronic copy from: Tim Fisher

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

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

IEEE (Institute of Electrical and Electronics Engineers)**New Standard**

BSR/IEEE 80-201x, Guide for Safety in AC Substation Grounding (new standard)

This guide is primarily concerned with outdoor ac substations, either conventional or gas-insulated. Distribution, transmission, and generating plant substations are included. With proper caution, the methods described herein are also applicable to indoor portions of such substations, or to substations that are wholly indoors.

Single copy price: \$pdf: 200

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**New Standard**

BSR/IEEE 643-2004/Cor1-201x, Guide for Power-Line Carrier Applications Corrigendum 1: Modal Analysis Power Equation Correction (new standard)

Correction of equations 16, 18, 19 and 20 to be of correct form

Single copy price: \$free download

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**New Standard**

BSR/IEEE 802.11ac-201x, Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks-- Specific requirements--Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications--Amendment 4: Enhancements for Very High Throughput for Operation in Bands below 6 GHz. (new standard)

The purpose of the amendment is to improve the 802.11 wireless local area network (LAN) user experience by providing significantly higher basic service set (BSS) throughput for existing WLAN application areas and to enable new market segments for operation below 6 GHz including distribution of multiple multimedia/data streams.

Single copy price: \$pdf: 258; printed: 309

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 802.11af-201x, Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 5: Television White Spaces (TVWS) Operation (new standard)

This document defines enhancements to the 802.11 PHYs and MAC to support operation in the TV bands white spaces.

Single copy price: \$pdf: 165; printed: 201

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 980-201x, Guide for Containment and Control of Oil Spills in Substations (new standard)

The significance of oil-spillage regulations and their applicability to electric supply substations are discussed; the sources of oil spills are identified; typical designs and methods for dealing with oil containment and control of oil spills are discussed; and guidelines for preparation of a typical Spill Prevention Control and Countermeasures (SPCC) plan are provided. This guide excludes polychlorinated biphenyl (PCB) handling and disposal considerations.

Single copy price: \$pdf: 88; printed: 108

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1187-201x, Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Batteries for Stationary Applications (new standard)

This recommended practice provides guidance for the installation and installation design of valve-regulated lead acid (VRLA) batteries. This recommended practice is intended for all standby stationary installations. However, specific applications, such as emergency lighting units and semi-portable equipment, may have other appropriate practices and are beyond the scope of this recommended practice. Alternative energy applications are not covered.

Single copy price: \$pdf: 67; printed: 83

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1484.13.2-201x, Recommended Practice for Learning Technology -- Metadata Encoding and Transmission Standard (METS) Mapping to the Conceptual Model for Resource Aggregation (new standard)

This Recommended Practice specifies how the elements and attributes defined in the Metadata Encoding and Transmission Standard (METS) relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™ - 2012.1

Single copy price: \$pdf: 113; printed: 139

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1547.7-201x, Guide for Conducting Distribution Impact Studies for Distributed Resource Interconnection (new standard)

This guide describes criteria, scope, and extent for engineering studies of the impact on area electric power systems of a distributed resource or aggregate distributed resource interconnected to an area electric power distribution system.

Single copy price: \$pdf: 167; printed: 201

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1584.1-201x, Guide for the Specification of Scope and Deliverable Requirements for an Arc-Flash Hazard Calculation Study in Accordance with IEEE Std 1584(TM) (new standard)

This document provides guidance for the specification and performance of an Arc-Flash Hazard Calculation Study, in accordance with the process defined in IEEE Std 1584, Guide for Performing an Arc-Flash Hazard Calculation Study (Arc-Flash Study). It outlines the minimum recommended requirements to enable the owner or its representative to specify an Arc-Flash Study, including scope of work and associated deliverables.

Single copy price: \$pdf: 47; printed: 57

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1609.0-201x, Guide for Wireless Access in Vehicular Environments (WAVE) - Architecture (new standard)

This guide describes the architecture and operation of a Wireless Access in Vehicular Environments (WAVE) system based on IEEE 1609 standards and IEEE Std 802.11.

Single copy price: \$pdf: 114; printed: 140

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1613.1-201x, Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Transmission and Distribution Facilities (new standard)

This standard establishes the requirements for communications networking devices supporting electric transmission and distribution inside/outside an electric power substation. It addresses issues such as equipment enclosures, temperature ranges, electrical phenomena, and others that are characterized by a transmission and distribution environment. This includes the different communication methods used in these locations, such as wireless and power line carrier/communications.

Single copy price: \$pdf: 46; printed: 57

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1696-201x, Standard for Terminology and Test Methods for Circuit Probes (new standard)

This standard provides test method(s) and describes transfer (artifact) standards for characterizing electrical circuit probes and probes systems. The systems may include waveform acquisition hardware and software and signal/waveform analysis software. The probe includes the mechanism by which the circuit is contacted.

Single copy price: \$pdf: 88; printed: 109

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1726-201x, Guide for the Functional Specification of Fixed-Series Capacitor Banks for Transmission System Applications (new standard)

This Guide provides general guidelines toward the preparations of a functional specification of transmission fixed series capacitor banks (FSC) using overvoltage protection based on three technologies: metal oxide varistors metal oxide varistors with a forced triggered bypass gaps thyristor valve bypass

Single copy price: \$pdf: 165; printed: 201

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1857.3-201x, Standard for System of Advanced Audio and Video Coding (new standard)

This standard specifies the storage file format and RTP (Real-time Transport Protocol) payload format for the compressed video data created by IEEE Std 1857- Standard for Advanced Audio and Video Coding, and the compressed audio data created by IEEE P1857.2 - Standard for Advanced Audio Coding.

Single copy price: \$pdf: 154; printed: 189

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1874-201x, Standard for Documentation Schema for Repair and Assembly of Electronic Devices (new standard)

Manual is a standard for storing and transmitting procedural manuals. Manual's common data format can be used as an offline file package or via online RESTful API endpoints, using XML or JSON. This format is useful for documenting and describing repairs, how-to, work instructions, or any other step-by-step guides. Manual makes it easy to exchange procedural information between services while maintaining usability on mobile devices.

Single copy price: \$pdf: 65; printed: 80

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***Revision***

BSR/IEEE 43-201x, Recommended Practice for Testing Insulation Resistance of Electric Machinery (revision of ANSI/IEEE 43-2000 (R2006))

This document describes a recommended procedure for measuring insulation resistance of armature and field windings in rotating machines rated 750 W or greater. It applies to synchronous machines, induction machines, dc machines, and synchronous condensers. It does not apply to fractional-horsepower machines. The document also describes typical insulation resistance characteristics of rotating machine windings and how these characteristics indicate winding condition. It recommends minimum acceptable values of insulation resistance for ac and dc rotating machine windings.

Single copy price: \$pdf: 67; printed: 83

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Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)***Revision***

BSR/IEEE 145-201x, Standard for Definitions of Terms for Antennas (revision of ANSI/IEEE 145-2004)

This standard establishes definitions for antennas and for systems that incorporate an antenna as a component of the system.

Single copy price: \$pdf: 67; printed: 83

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

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IEEE (Institute of Electrical and Electronics Engineers)***Revision***

BSR/IEEE 638-201x, Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations (revision of ANSI/IEEE 638-1992 (R2006))

This standard provides requirements to demonstrate the adequacy of new Class 1E transformers, located in a mild environment of a nuclear power generating station as defined in IEEE Std 323, to perform their required safety functions under postulated service conditions. This standard applies to single and three phase transformers rated 601 V to 15 000 V for the highest voltage winding and up to 2500 kVA (base rating).

Single copy price: \$pdf: 47; printed: 57

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 933-201x, Guide for the Definition of Reliability Program Plans for Nuclear Generating Stations and Other Nuclear Facilities (revision of ANSI/IEEE 933-1999 (R2004))

This document provides guidelines for the definition of a reliability program at nuclear generating stations and other nuclear facilities. The document emphasizes reliability programs during the operating phase of such facilities; however, the general approach applies to all phases (e.g., design, construction, start-up, operating, and decommissioning) of the facility.

Single copy price: \$pdf: 85; printed: 105

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 1127-201x, Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility (revision of ANSI/IEEE 1127-1998 (R2004))

This guide identifies significant community acceptance and environmental compatibility items to be considered during the planning and design phases, the construction period, and the operation of electric supply substations, and documents ways to address these concerns to obtain community acceptance and environmental compatibility. On-site generation and telecommunication facilities are not considered.

Single copy price: \$pdf: 65; printed: 80

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 1482.1-201x, Standard for Rail Transit Vehicle Event Recorders (revision of ANSI/IEEE 1482.1-1999 (R2005))

This standard covers on-board devices/systems, with crashworthy memory, that record data to support accident/incident analysis for rail transit vehicles. The requirements of this standard are limited to event recorder functions and interfaces, exclude the data transmission method(s), and are independent of the hardware and/or software employed for other vehicle systems. Functions, parameters, signals, systems, and subsystems that shall be captured are identified. Diagnostic features and self-test options are described

Single copy price: \$pdf:67; printed: 83

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Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 1686-201x, Standard for Intelligent Electronic Devices Cyber Security Capabilities (revision of ANSI/IEEE 1686-2008)

The standard defines the functions and features to be provided in intelligent electronic devices (IEDs) to accommodate critical infrastructure protection (CIP) programs. The standard addresses security regarding the access, operation, configuration, firmware revision and data retrieval from an IED. Encryption of communications to and from the IED is also addressed.

Single copy price: \$pdf: 45; printed: 55

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C37.20.3-201x, Standard for Metal-Enclosed Interrupter Switchgear (1 kV-38 kV) (revision of ANSI/IEEE C37.20.3-2001 (R2006))

This standard covers metal-enclosed interrupter (MEI) switchgear assemblies containing, but not limited to, such devices as interrupter switches; selector switches; power fuses; circuit breakers; control, instrumentation and metering devices; and protective equipment. It includes, but is not specifically limited to, equipment for the control and protection of apparatus used for distribution of electrical power.

Single copy price: \$pdf: 88; printed: 109

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C57.96-201x, Guide for Loading Dry-Type Distribution and Power Transformers (revision of ANSI/IEEE C57.96-1999 (R2004))

This guide covers general recommendations for the loading of dry-type distribution and power transformers installed in ventilated, non-ventilated, and sealed type enclosures.

Single copy price: \$pdf: 90; printed: 112

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C57.134-201x, Guide for Determination of Hottest-Spot Temperature in Dry-Type Transformers (revision of ANSI/IEEE C57.134-2000 (R2006))

This guide describes methodologies for determination of the steady-state winding hottest-spot temperature in dry-type distribution and power transformers with ventilated, sealed, solid cast, and encapsulated windings built in accordance with IEEE Std C57.12.01 and IEC 60076-11.

Single copy price: \$pdf: 45; printed: 55

Order from: 1-800-678-4333; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

Correction

Incorrect Designation

ASHRAE Standard

A reaffirmation of an ASHRAE standard was designated incorrectly in the 4/25/2014 edition of Standards Action. The project should have been listed as follows:

BSR/ASHRAE Standard 150-2000 (R201x), Method of Testing the Performance of Cool Storage Systems (reaffirmation of ANSI/ASHRAE Standard 150-2000 (R2004))

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: Colleen Elliott

Phone: (703) 253-8261

Fax: (703) 276-0793

E-mail: celliott@aami.org

BSR/AAMI/ISO 5361-201x, Anaesthetic and respiratory equipment - Tracheal tubes and connectors (revision and redesignation of ANSI/ISO 5361-2014)

BSR/AAMI/ISO 5364-201x, Anaesthetic and respiratory equipment - Oropharyngeal airways (revision and redesignation of ANSI/ASTM/ISO 5364-2009)

BSR/AAMI/ISO 11737-1-201x, Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products (identical national adoption of ISO 11737 -1, 3rd ed (in development) and revision of ANSI/AAMI/ISO 11737-1 -2006 (R2011))

BSR/AAMI/ISO 13408-2-201x, Aseptic processing of health care products - Part 2: Filtration (identical national adoption of ISO 13408-2 2, 2nd ed (in development) and revision of ANSI/AAMI/ISO 13408-2 -2003 (R2013))

BSR/AAMI/ISO 14408-201x, Tracheal tubes designed for laser surgery - Requirements for marking and accompanying information (revision and redesignation of ANSI/ASTM/ISO 14408-2009)

ASA (ASC S2) (Acoustical Society of America)

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BSR/ASA S2.25-2004 (R201x), Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (reaffirmation of ANSI/ASA S2.25-2004 (R2009))

BSR/ASA S2.62-2009 (R201x), Shock Test Requirements for Equipment in a Rugged Shock Environment (reaffirmation of ANSI/ASA S2.62-2009)

ASSE (ASC Z244) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: Timothy Fisher

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z244.1-2003 (R201x), Control of Hazardous Energy - Lockout/Tagout and Alternative Methods (reaffirmation of ANSI/ASSE Z244.1-2003 (R2008))

BIFMA (Business and Institutional Furniture Manufacturers Association)

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BSR/BIFMA X5.1-201X, General-Purpose Office Chairs - Tests (revision of ANSI/BIFMA X5.1-2011)

BSR/BIFMA X5.6-201X, Panel Systems - Tests (revision of ANSI/BIFMA X5.6-2010)

ECA (Electronic Components Association)

Office: 2214 Rock Hill Road
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Herndon, VA 20170-4212

Contact: Laura Donohoe

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@eciaonline.org

BSR/EIA 364-F-201x, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-E-2008)

BSR/EIA 364-31D-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364 -31C-2008)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 96.06.01-201x, Guidelines for the Specification of Self-Contained Electro-Hydraulic Valve Actuators (new standard)

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

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E-mail: comments@itic.org

INCITS/ISO/IEC 9075-1:2011/Cor 1:2013, Information technology - Database languages - SQL - Part 1: Framework (SQL/Framework) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-1:2011/Cor 1:2013)

INCITS/ISO/IEC 9075-2:2011/Cor 1:2013, Information technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-2:2011/Cor 1:2013)

INCITS/ISO/IEC 9075-4:2011/Cor 1:2013, Information technology - Database languages - SQL - Part 4: Persistent Stored Modules (SQL/PSM) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-4:2011/Cor 1:2013)

INCITS/ISO/IEC 9075-14:2011/Cor 1:2013, Information technology - Database languages - SQL - Part 14: XML-Related Specifications (SQL/XML) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-14:2011/Cor 1:2013)

INCITS/ISO/IEC 11160-2:2013, Information technology - Office equipment - Minimum information to be included in specification sheets - Printers - Part 2: Class 3 and Class 4 printers (identical national adoption of ISO/IEC 11160-2:2013 and revision of INCITS/ISO/IEC 11160-2:1996 [R2009])

INCITS/ISO/IEC 19794-7:2014, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (identical national adoption of ISO/IEC 19794-7:2014)

INCITS/ISO/IEC 19794-5:2011/Amd 1:2014, Information technology - Biometric data interchange formats - Part 5: Face image data - Amdnment 1: Conformance testing methodology and clarification of defects (identical national adoption of ISO/IEC 19794-5:2011/Amd 1:2014)

INCITS/ISO/IEC 29182-3-201x, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 3: Reference architecture views (identical national adoption of ISO/IEC 29182-3:2014)

INCITS/ISO/IEC 18025:2014, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2014 and revision of INCITS/ISO/IEC 18025:2005 [2009])

INCITS/ISO/IEC 40500:2012, Information technology - W3C Web Content Accessibility Guidelines (WCAG) 2.0 (identical national adoption of ISO/IEC 40500:2012)

NEMA (ASC C78) (National Electrical Manufacturers Association)

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E-mail: Karen.Willis@nema.org

BSR C78.51-201x, Electric Lamps: LED (Light Emitting Diode) Lamps - Method of Designation (new standard)

BSR C78.375-201x, Electric Lamps:Fluorescent Lamps Guide for Electrical Measures (revision of ANSI C78.375-2014)

NEMA (ASC C82) (National Electrical Manufacturers Association)

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E-mail: Karen.Willis@nema.org

BSR C82.17-201x, Lighting Equipment: High Frequency (HF) Electronic Ballasts For Metal Halide Lamps (new standard)

NFRC (National Fenestration Rating Council)

Office: 6305 Ivy Lane
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Greenbelt, MD 20770

Contact: *Robin Merrifield*

Phone: (240) 821-9513

Fax: (301) 589-3884

E-mail: rmerrifield@nfrfc.org

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-factors (new standard)

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (new standard)

BSR/NFRC 400-201x, Procedure for Determining Fenestration Product Air Leakage (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

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Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1008 sp-201x, Test conditions for fiber glass mat test methods (revision of ANSI/TAPPI T 1008 sp-2010)

UL (Underwriters Laboratories, Inc.)

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Contact: *Patricia Sena*

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Fax: (919) 549-1636

E-mail: patricia.a.sena@ul.com

BSR/UL 489B-201x, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems (new standard)

Call for Members (ANS Consensus Bodies)

UL Standards Committees

STP 859 (Standards Technical Panel for Electric Personal Grooming Appliances)

STP 859 seeks to broaden its membership base and is recruiting new participants in the following interest categories:

Commercial/Industrial User: Organizations that use the product, systems, or service covered by Standards UL 859 and/or UL 1727 in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representatives of organizations that produce products, systems, or services covered by UL 859 and/or UL 1727, whose organization also use the product, system, or services, are not eligible for STP membership under this category.

Consumer: Consumer organizations, consumer departments at universities, home economic departments at universities, professional consumers, and individuals who use the product or service covered by Standards UL 859 and/or UL 1727 as part of their livelihood and are not eligible for STP membership under another interest category.

General Interest: Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by STP 859, and other individuals, etc. that are not covered by the other interest categories.

Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the Supply Chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the Supply Chain category.

STP 859 covers the following UL standards:

UL 859, the Standard for Household Electric Personal Grooming Appliances and UL 1727, the Standard for Commercial Electric Personal Grooming Appliances.

For information regarding the application process, please contact:

Derrick L. C. Martin
STP Project Manager/Standards Specialist
Standards Department

Underwriters Laboratories Inc.
455 East Trimble Road
San Jose, CA 95131
Phone: 408.754.6656
Fax: 408.754.6656
Web: UL.com

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.

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP MR v07.01-2014, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard (revision and redesignation of ANSI/NCPDP MR v07.00-2014): 4/22/2014

ANSI/NCPDP Post Adj v4.3-2014, NCPDP Post Adjudication Standard (revision and redesignation of ANSI/NCPDP Post Adj v4.2-2013): 4/22/2014

ANSI/NCPDP TC vE5-2014, NCPDP Telecommunication Standard (revision and redesignation of ANSI/NCPDP TC vE.4-2014): 4/22/2014

ANSI/NCPDP Uniform Healthcare Payer Data Standard v22-2014, NCPDP Uniform Healthcare Payer Data Standard Implementation Guide (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data v2.1-2013): 4/22/2014

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 127-2014, Standard for Safety for Factory-Built Fireplaces (revision of ANSI/UL 127-2011): 4/24/2014

ANSI/UL 1261-2014, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2004 (R2012)): 4/22/2014

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI/ISO 5361-201x, Anaesthetic and respiratory equipment - Tracheal tubes and connectors (revision and redesignation of ANSI/ISO 5361-2014)

Stakeholders: Manufacturers of anaesthetic and respiratory equipment.

Project Need: Define requirements for tracheal tubes and connectors.

This International Standard provides essential performance and safety requirements for oro-tracheal and naso-tracheal tubes and tracheal tube connectors. Tracheal tubes with walls reinforced with metal or nylon, tracheal tubes with shoulders, tapered tracheal tubes, tracheal tubes with means for suctioning or monitoring or delivery of drugs or other gases, and the many other types of tracheal tubes devised for specialized applications are included in this International Standard, as many specialized tracheal tubes are now commonly used, and all share similar essential requirements as defined in this International Standard.

BSR/AAMI/ISO 5364-201x, Anaesthetic and respiratory equipment - Oropharyngeal airways (revision and redesignation of ANSI/ASTM/ISO 5364-2009)

Stakeholders: Manufacturers of anaesthetic and respiratory equipment.

Project Need: Define requirements for oropharyngeal airways.

This International Standard specifies requirements for oropharyngeal airways of plastics materials and/or rubber, including those with a reinforcement insert made of plastics materials and/or metal.

BSR/AAMI/ISO 14408-201x, Tracheal tubes designed for laser surgery - Requirements for marking and accompanying information (revision and redesignation of ANSI/ASTM/ISO 14408-2009)

Stakeholders: Manufacturers of anaesthetic and respiratory equipment.

Project Need: Revise current American National Standard.

This International Standard specifies marking, labelling and information to be supplied by the manufacturer for cuffed and uncuffed tracheal tubes and related materials designed to resist ignition by a laser.

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI/ISO 11737-1-201x, Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products (identical national adoption of ISO 11737-1, 3rd ed (in development) and revision of ANSI/AAMI/ISO 11737-1-2006 (R2011))

Stakeholders: Manufacturers, regulators, users.

Project Need: Revise reaffirmed standard to reflect the updated practices.

Specifies general criteria to be applied in the estimation of the population of viable microorganisms on a medical device or component, raw material or package thereof. This estimation consists of both enumeration and characterization of the population.

BSR/AAMI/ISO 13408-2-201x, Aseptic processing of health care products - Part 2: Filtration (identical national adoption of ISO 13408-2, 2nd ed (in development) and revision of ANSI/AAMI/ISO 13408-2-2003 (R2013))

Stakeholders: Manufacturers, regulators, users.

Project Need: Provides guidance regarding processes, programs and procedures for development, validation and routine control of the manufacturing process for aseptically processed health care products.

Specifies requirements for sterilizing filtration as part of aseptic processing of health care products. It also offers guidance to filter users concerning general requirements for selection, set-up, validation, and routine operation of a sterile-filtration process to be used for aseptic processing of health care products. This document does not apply to removal of mycoplasma or viruses by filtration nor to filtration of whole cell vaccines.

ACCA (Air Conditioning Contractors of America)

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Arlington, VA 22206

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BSR/ACCA 9 Qlvp-201x, HVAC Quality Installation Verification Protocols (revision of ANSI/ACCA 9 Qlvp-2011)

Stakeholders: Construction companies, building owners (Commercial and Residential; New and Existing), Contractors, Consumers, Installers, HVAC Engineers, Manufacturers, Program Administrators (e.g., Government Agencies, Utilities, OEMs, HVAC Associations, HVAC Distributors, and Energy Related Associations).

Project Need: To reflect recently revised Manual S (ANSI/ACCA 3 Manual S-2014) and Quality Installation Specification (ANSI/ACCA 5 QI-2010) Standards.

The protocols provide guidance to a contractor, verifier, and administrator who participate in verification efforts that use independent, objective, and qualified third parties to ensure that the HVAC installation meets the requirements in the QI Standard. This revision will include new equipment technologies and applications addressed in the recently revised Manual S and Quality Installation Specification.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

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BSR/ASTM WK45742-201x, New Specification for Indoor Basketball Backboard Suspension Systems (new standard)

Stakeholders: Sports Facilities industry.

Project Need: This specification covers indoor basketball backboard systems that may be suspended from ceilings and/or walls.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK45742.htm>

BIFMA (Business and Institutional Furniture Manufacturers Association)

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Grand Rapids, MI 49504

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* BSR/BIFMA X5.1-201X, General-Purpose Office Chairs - Tests (revision of ANSI/BIFMA X5.1-2011)

Stakeholders: Office and institutional furniture manufacturers, suppliers, users.

Project Need: Revise the current edition of X5.1-2011.

The revised standard will provide a common basis for evaluating performance, durability, and structural adequacy of General-Purpose Office Chairs intended for use in the office or institutional markets.

* BSR/BIFMA X5.6-201X, Panel Systems - Tests (revision of ANSI/BIFMA X5.6-2010)

Stakeholders: Office and institutional furniture manufacturers, suppliers, users.

Project Need: Revise the current edition of X5.6-2010. Approaching 5 years.

The revised standard will provide a common basis for evaluating performance, durability, and structural adequacy of Panel Systems products which are intended for use in the office or institutional markets.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854-4141

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E-mail: l.weisser@ieee.org

BSR/IEEE 1801a-201x, Standard for Design and Verification of Low-Power Integrated Circuits (supplement to ANSI/IEEE 1801-2009)

Stakeholders: Electronics systems designers (e.g., networking and mobile communications), processor providers (e.g., servers and laptops), silicon vendors and manufacturers, providers of intellectual property and vendors of electronic design automation software all have a vested interest in an industry standard for energy aware electronic system design.

Project Need: This amendment specifies the set of changes required to address technical and editorial errors that have been identified in IEEE 1801-2013. In addition this amendment also specifies a few changes and enhancements to remove some ambiguities and inconsistencies related to the semantics of power states, power supplies, precedence rules, and location of power management cells.

This standard establishes a format used to define the low-power design intent for electronic systems and electronic intellectual property (IP). The format provides the ability to specify the supply network, switches, isolation, retention, and other aspects relevant to power management of an electronic system. The standard defines the relationship between the low-power design specification and the logic design specification captured via other formats [e.g., standard hardware description languages (HDLs)].

BSR/IEEE 2413-201x, Standard for an Architectural Framework for the Internet of Things (IoT) (new standard)

Stakeholders: Consumers, service providers, utilities, equipment manufacturers, automotive manufacturers, transportation providers, and ICT infrastructure providers.

Project Need: The Internet of Things (IoT) is predicted to become one of the most significant drivers of growth in various technology markets. Most current standardization activities are confined to very specific verticals and represent islands of disjointed and often redundant development.

This standard defines an architectural framework for the Internet of Things (IoT), including descriptions of various IoT domains, definitions of IoT domain abstractions, and identification of commonalities between different IoT domains. The architectural framework for IoT provides a reference model that defines relationships among various IoT verticals (e.g., transportation, healthcare, etc.) and common architecture elements.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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- * BSR C78.51-201x, Electric Lamps - LED (Light Emitting Diode) Lamps - Method of Designation (new standard)

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed to provide a nomenclature system for SSL lamps that have standardized characteristics.

This standard describes a system for the designation of integrally ballasted Solid State Lighting (SSL) lamps that have standardized characteristics. The lamps may be connected to the branch circuit or connected to another voltage suitable for lighting applications, such as 12 V AC or DC. This document is intended to allocate lamp codes for new lamps that are not direct replacements for lamps with existing ANSI Lamp Codes or Lamp Designations. OLED lamps are not included at this time.

- * BSR C78.375-201x, Electric Lamps - Fluorescent Lamps Guide for Electrical Measures (revision of ANSI C78.375-2014)

Stakeholders: Manufacturers, designers, testing labs

Project Need: This project is needed because it sets forth the procedures and precautions for uniform measuring of electrical characteristics of fluorescent lamps under standard conditions.

This standard describes the procedures to be followed and the precautions to be observed in obtaining uniform and reproducible measurements of the electrical characteristics of fluorescent lamps under standard conditions when operated on alternating current (ac) circuits. These methods are applicable both to lamps having hot cathodes -- switch-start (preheat-start), rapid-start (continuously heated cathodes), or instant-start -- and to lamps of the cold-cathode variety. The electrical characteristics usually measured are lamp current, lamp voltage, and lamp power. In the case of rapid-start lamps, the power measurements may include both the arc watts and the cathode watts. Total lamp power is the sum of arc watts and cathode watts. The methods noted in this standard apply to fluorescent lamps operated at common power-line frequencies (50 and 60 Hz) or high frequency.

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- * BSR C82.17-201x, Lighting Equipment - High Frequency (HF) Electronic Ballasts for Metal Halide Lamps (new standard)

Stakeholders: Manufacturers, designers, testing labs

Project Need: This project is needed because it sets forth the operating characteristics and specifications of high-frequency electronic ballasts for metal halide lamps.

This standard provides specifications for, and operating characteristics of, high-frequency electronic ballasts for metal halide lamps. Electronic ballasts are devices that use semiconductors to control lamp starting and operation. The ballasts operate from multiple supply sources up to 600V maximum at a frequency of 60 hertz. This standard covers electronic ballasts with sinusoidal lamp operating current frequencies above 40 kHz.

TAPPI (Technical Association of the Pulp and Paper Industry)

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E-mail: standards@tappi.org

BSR/TAPPI T 1008 sp-201x, Test conditions for fiber glass mat test methods (revision of ANSI/TAPPI T 1008 sp-2010)

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

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

This practice defines the test conditions for testing fiberglass mats.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select "Standards Activities," click on "Public Review and Comment" and "American National Standards Maintained Under Continuous Maintenance." This information is also available directly at www.ansi.org/publicreview.

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

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8274 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASSE (Organization) ASSE International Chapter of IAPMO 18927 Hickory Creek Drive Suite 220 Mokena, IL 60448 Phone: (708) 995-3012 Fax: (708) 479-6139 Web: www.asse-plumbing.org</p>	<p>IEEE Institute of Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854-4141 Phone: (732) 981-2864 Web: www.ieee.org</p>	<p>NEMA (ASC C82) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3377 Web: www.nema.org</p>
<p>ACCA Air Conditioning Contractors of America 2800 Shirlington Road Suite 300 Arlington, VA 22206 Phone: (202) 251-3835 Fax: (703) 575-9147 Web: www.acca.org</p>	<p>ASSE (Safety) American Society of Safety Engineers 1800 East Oakton Street Des Plaines, IL 60018-2187 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>IIAR International Institute of Ammonia Refrigeration 1001 N. Fairfax Street Suite 503 Alexandria, VA 22314-1797 Phone: (703) 312-4200 Fax: (703) 312-0065 Web: www.iiar.org</p>	<p>NFRCC National Fenestration Rating Council 6305 Ivy Lane Suite 140 Greenbelt, MD 20770 Phone: (240) 821-9513 Fax: (301) 589-3884 Web: www.nfrc.org</p>
<p>ASA (ASC S12) Acoustical Society of America 35 Pinelawn Road Suite 114E Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 390-0217 Web: www.acousticalsociety.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>INMM (ASC N15) Institute of Nuclear Materials Management 1000 Independence Ave SW Washington, DC 20585-1290 Phone: (301) 903-2627 Fax: (301) 903-6961 Web: www.inmm.org</p>	<p>TAPPI Technical Association of the Pulp and Paper Industry 15 Technology Parkway South Peachtree Corners, GA 30092 Phone: (770) 209-7276 Fax: (770) 446-6947 Web: www.tappi.org</p>
<p>ASC X9 Accredited Standards Committee X9, Incorporated 1212 West Street Suite 200 Annapolis, MD 21401 Phone: (410) 267-7707 Fax: (410) 267-0961 Web: www.x9.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>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</p>
<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle Atlanta, GA 30329 Phone: 404-636-8400 Fax: 678-539-2125 Web: www.ashrae.org</p>	<p>BIFMA Business and Institutional Furniture Manufacturers Association 678 Front Ave. NW Grand Rapids, MI 49504 Phone: 616-285-3963 Fax: 616-285-3765 Web: www.bifma.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: www.incits.org</p>	<p>UL Underwriters Laboratories, Inc. 455 E Trimble Road San Jose, CA 95131-1230 Phone: (408) 754-6684 Fax: (408) 754-6684 Web: www.ul.com</p>
<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>ECA Electronic Components Association 2214 Rock Hill Road Suite 170 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.eciaonline.org</p>	<p>NCPDP National Council for Prescription Drug Programs 9240 East Raintree Drive Scottsdale, AZ 85260 Phone: (512) 291-1356 Fax: (480) 767-1042 Web: www.ncpdp.org</p>	<p>VITA VMEbus International Trade Association (VITA) PO Box 19658 Fountain Hills, AZ 85269 Phone: (480) 837-7486 Fax: (480) 837-7486 Web: www.vita.com</p>
	<p>ICC International Code Council 4051 West Flossmoor Road Country Club Hills, IL 60478-5795 Phone: (708) 799-2300 x4317 Fax: (708) 799-0320 Web: www.iccsafe.org</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3377 Web: www.nema.org</p>	



ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/AWI 18435-3, Industrial automation systems and integration - Diagnostics, capability assessment and maintenance applications integration - Part 3: Applications integration description method - 8/1/2014

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 9563, Belt drives - Electrical conductivity of antistatic endless synchronous belts - Characteristics and test method - 8/1/2014

STEEL (TC 17)

ISO/DIS 17577, Steel - Ultrasonic testing for steel flat products of thickness equal to or greater than 6 mm - 8/1/2014

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 22401, Equipment for crop protection - Method for measurement of drift potential from horizontal boom sprayer systems by the use of a test bench - 7/24/2014

ISO/IEC JTC 1, Information Technology

ISO/IEC 23009-1/PDAM 1, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats - Amendment 1 - 8/1/2014, FREE

ISO/IEC 15693-3:2009/PDAM 3, Identification cards - Contactless integrated circuit cards - Vicinity cards - Part 3: Anticollision and transmission protocol - Amendment 3: Extended VICC memory organisation - 8/1/2014, FREE



Newly Published ISO & IEC Standards

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

ISO Standards

MACHINE TOOLS (TC 39)

[ISO 230-2:2014](#), Test code for machine tools - Part 2: Determination of accuracy and repeatability of positioning of numerically controlled axes, \$189.00

ROAD VEHICLES (TC 22)

[ISO 11992-2:2014](#), Road vehicles - Interchange of digital information on electrical connections between towing and towed vehicles - Part 2: Application layer for brakes and running gear, \$259.00

[ISO 11992-4:2014](#), Road vehicles - Interchange of digital information on electrical connections between towing and towed vehicles - Part 4: Diagnostic communication, \$173.00

ROLLING BEARINGS (TC 4)

[ISO 12044:2014](#), Rolling bearings - Single-row angular contact ball bearings - Chamfer dimensions for outer ring non-thrust side, \$58.00

TEXTILES (TC 38)

[ISO 14389:2014](#), Textiles - Determination of the phthalate content - Tetrahydrofuran method, \$139.00

TIMBER STRUCTURES (TC 165)

[ISO 10983:2014](#), Timber - Finger joints - Minimum production requirements and testing methods, \$114.00

TRADITIONAL CHINESE MEDICINE (TC 249)

[ISO 17217-1:2014](#), Traditional Chinese medicine - Ginseng seeds and seedlings - Part 1: Panax ginseng C.A. Meyer, \$88.00

ISO Technical Reports

COSMETICS (TC 217)

[ISO/TR 17276:2014](#), Cosmetics - Analytical approach for screening and quantification methods for heavy metals in cosmetics, \$123.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19508:2014](#), Information technology - Object Management Group Meta Object Facility (MOF) Core, \$224.00

[ISO/IEC 19509:2014](#), Information technology - Object Management Group XML Metadata Interchange (XMI), \$275.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 61966-12-2 Ed. 1.0 en:2014](#), Multimedia systems and equipment - Colour measurement and management - Part 12-2: Simple metadata format for identification of colour gamut, \$97.00

ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

[IEC 60092-360 Ed. 1.0 b:2014](#), Electrical installations in ships - Part 360: Insulating and sheathing materials for shipboard and offshore units, power, control, instrumentation and telecommunication cables, \$182.00

FIBRE OPTICS (TC 86)

[IEC 62149-8 Ed. 1.0 b:2014](#), Fibre optic active components and devices - Performance standards - Part 8: Seeded reflective semiconductor optical amplifier devices, \$73.00

[IEC 62149-9 Ed. 1.0 b:2014](#), Fibre optic active components and devices - Performance standards - Part 9: Seeded reflective semiconductor optical amplifier transceivers, \$97.00

[IEC 61300-3-21 Ed. 2.0 b:2014](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-21: Examinations and measurements - Switching time, \$55.00

[IEC 61753-081-2 Ed. 2.0 en:2014](#), Fibre optic interconnecting devices and passive components - Performance standard - Part 081-2: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C - Controlled environments, \$97.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62341-1-2 Ed. 2.0 b:2014](#), Organic light emitting diode (OLED) displays - Part 1-2: Terminology and letter symbols, \$206.00

[IEC 62679-3-1 Ed. 1.0 b:2014](#), Electronic paper displays - Part 3-1: Optical measuring methods, \$303.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62443-3-3 Ed. 1.0 en cor.1:2014](#), Corrigendum 1 - Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels, \$0.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 62442-2 Ed. 1.0 b:2014](#), Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of the controlgear, \$61.00

[IEC 62442-3 Ed. 1.0 b:2014](#), Energy performance of lamp controlgear - Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear, \$73.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-1 Ed. 5.1 b cor.1:2014](#), Corrigendum 1 - Household and similar electrical appliances - Safety - Part 1: General requirements, \$0.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 62271-211 Ed. 1.0 b:2014](#), High-voltage switchgear and controlgear - Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV, \$157.00

IEC Technical Specifications**EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)**

[IEC/TS 62332-2 Ed. 1.0 b:2014](#), Electrical insulation systems (EIS) - Thermal evaluation of combined liquid and solid components - Part 2: Simplified test, \$182.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC/TS 62657-1 Ed. 1.0 en:2014](#), Industrial communication networks - Wireless communication networks - Part 1: Wireless communication requirements and spectrum considerations, \$278.00

ULTRASONICS (TC 87)

[IEC/TS 62556 Ed. 1.0 en:2014](#), Ultrasonics - Field characterization - Specification and measurement of field parameters for high intensity therapeutic ultrasound (HITU) transducers and systems, \$363.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Association of Chinese Students of Private Schools of America

Public Review: March 21 to June 13, 2014

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

PINS Correction

Incorrect Organization Name

The typo in the organization name appeared in the PINS section of the 4/18/2014 Standards Action for BSR/AARST RMS-SF-201x (new standard). It was mistakenly listed as AARST (ANSI/AARST MAMF-2012), but should read as: AARST (American Association of Radon Scientists and Technologists).

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal of Specific ANSI-Accredited Scopes

Keystone Certifications, Inc.

Comment Deadline: June 2, 2014

Mr. Jon Hill – President
Keystone Certifications, Inc.
 564 Old York Road, Suite 5
 Etters, PA 17319,
 Phone: 717-932-8500
 Fax: 717-932-8501
 E-mail: jhill@keystonecerts.com
 Web: www.keystonecerts.com

Effective May 1, 2014, Keystone Certifications, Inc., an ANSI-accredited certification body, will voluntarily withdraw the following from its list of specific ANSI-accredited scopes:

EPA ENERGY STAR®**Heating Cooling and Water Heating**

Ceiling Fans

LIGHTING

Compact Fluorescent Light Bulbs (CFLs)

Luminaires and Certified Lighting Subcomponents

(including Solid-State Lighting and Residential Light Fixtures)

Please send your comments by June 2, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Pilot Programs

ANSI Accreditation Program for Third Party Eco-labeling Certification Bodies

Initial Application

TÜV Rheinland Hong Kong Limited

Comment Deadline: June 2, 2014

Certification bodies seeking to be accredited by ANSI to conduct eco-labeling certification will be required to comply with the applicable requirements and processes contained in ISO 14020, ISO 14024, and ISO/IEC 17065, Conformity assessment – Requirements for bodies certifying products, processes and services, as well as ANSI Policy – PL – 102, Manual of Operations for Accreditation of Product Certification Programs. Upon completing successful assessment of their competence in accordance with these requirements, certification bodies will be granted ANSI accreditation of their process in accordance with ISO/IEC 17065.

Mr. Fallight Xu

TÜV Rheinland Hong Kong Limited

Manager, Sustainability Services

Corporate Development

9-10/F, Emperor International Square,

7 Wang Tai Road, Kowloon Bay, Kowloon ,

Hong Kong, China

E-mail: Fallight.Xu@tuv.comWeb: www.tuv.com

TÜV Rheinland Hong Kong Limited has submitted a formal application for accreditation as an Eco-labeling Certification Body by ANSI for the following Program:

- TÜV Rheinland Green Mark Certification Scheme

Please send your comments by June 2, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Determine Eligibility of a Type I Environmental Labeling Certification Scheme

Initial Application

TÜV Rheinland Hong Kong Limited

Comment Deadline: June 2, 2014

An environmental labeling certification scheme owner seeking to achieve eligibility for its eco-labeling scheme by ANSI are required to comply with the all applicable requirements and processes contained in ISO 14020, Environmental labels and declarations – General Principles, and ISO 14024, Environmental labels and declarations – Type I environmental labeling – Principles and procedures, as well as ANSI Procedures PRO-PR-164 –ISO 14024, Requirements/Process to Determine Eligibility of a Type I Environmental Labeling Certification Scheme, and PRO-FR-104-ECO-ISO14024, Application for Eligibility of Type I Environmental Labeling Certification Scheme. After completing the process of eligibility determination, the eco-labeling scheme will demonstrate conformance with established international environmental declaration standards and the applicable procedures of ISO conformity assessment standards

Mr. Fallight Xu

TÜV Rheinland Hong Kong Limited

Manager, Sustainability Services

Corporate Development

9-10/F, Emperor International Square,

7 Wang Tai Road, Kowloon Bay, Kowloon ,

Hong Kong, China

E-mail: Fallight.Xu@tuv.comWeb: www.tuv.com

TÜV Rheinland Hong Kong Limited has submitted a formal application for eligibility as a Scheme Owner for Type I environmental Labels Certification Scheme by ANSI for the following Program:

- TÜV Rheinland Green Mark Certification Scheme

Please send your comments by June 2, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for Comments

ISO/TMB Standards under Systematic Review

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

- TS/P 244 – Feed machinery

As there is no accredited U.S. TAG to provide the U.S. consensus positions on these documents, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Call for US/TAG Administrator

ISO TC 59 Buildings and Civil Engineering Works

ANSI has been informed that, ASTM, the ANSI accredited US/TAG administrator for ISO/TC 59, wishes to relinquish the role as US/TAG administrator.

ISO TC 59 operates under the following scope:

Standardization in the field of buildings and civil engineering works, of:

General terminology;

Organization of information in the processes of design, manufacture and construction;

General geometric requirements for buildings, building elements and components including modular coordination and its basic principles, general rules for joints, tolerances and fits;

General rules for other performance requirements, including functional and user requirements related to service life, sustainability, accessibility and usability;

General rules and guidelines for addressing the economic, environmental and social impacts and aspects related to sustainable development;

Geometric and performance requirements for components that are not in the scope of separate ISO technical committees;

Procurement processes, methods and procedures.

Organizations interested in serving as the US/TAG administrator should contact ISOT@ansi.org.

Meeting Notice

ADA Standards Committee on Dental Informatics (SCDI)

The ADA Standards Committee on Dental Informatics (SCDI) will hold its next meetings in San Antonio, TX, October 6-8, at the Marriott Rivercenter Hotel. The meeting opens on Monday, October 6 at 9:00 a.m. with a joint meeting of DICOM Working Group 22 – Dentistry and SCDI Working Group 12.1-Digital Imaging. On Wednesday, October 8, the SCDI Plenary session will take place beginning at 8:30 a.m. Other SCDI working groups will meet throughout the October 6-8 session. Meetings are open but registration is required to attend. Discounted hotel reservations are available. For further information on the ADA SCDI meeting, please contact Paul Bralower at 800-621-8099, Ext. 4129 or e-mail bralowerp@ada.org. For hotel and registration information, please contact Marilyn Ward at 800-621-8099, Ext. 2506, or e-mail wardm@ada.org.

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Feed Machinery

Comment Deadline: May 9, 2014

SAC (China) has submitted to ISO the attached proposal for a new field of ISO technical activity on the subject of Feed Machinery with the following scope statement:

Standardization of single feed machine, processing systems and complete production line which process various raw materials to produce feed for livestock, poultry, aquatic animals, and pets according to the requirement of recipes includes feed machinery safety, hygienic requirements and environmental protection requirements in feed processing.

Feed machinery, which is used for pre-processing, quantitative batching, conditioning and pelletizing of feed raw materials, includes main feed processing machines, auxiliary equipment and complete feed processing projects that process compound feed, additive premix feed, and concentrated feed.

It includes neither machinery for animal husbandry nor forages grass processing equipment.

Please be advised that the "feed machinery" referenced in the proposal is the mechanical equipment used for industrial production of formulated feed in feed mills. Formula feed ingredients consist of dozens of species to meet all of the nutrients needed for the growth and development of animals. Formula feed production requires specialized techniques and equipment. It is produced by feed processing equipment, literally produced by specialized feed mills to complete automatic production line. "Standardized object" in this proposal means the machinery and equipment for modern feed mills as special-designed industrial equipment

The "Feed Machinery" in this proposal does not belong to agricultural machinery. It has nothing to do with agricultural machinery, animal husbandry machinery, forage processing machinery. Agricultural machinery not only includes tillage and cultivation, crop protection, irrigation, harvesting, storage and such machinery, tools and equipment that has been directly related to agricultural production, but also includes livestock and poultry husbandry and breeding, animal-poultry products collection and pre-processing machinery and animal husbandry facilities and equipment for construction of grassland, forage harvesting and processing, etc.

Feed machinery” referenced in this proposal is entirely different from agricultural machinery in terms of not only the working principle, structure, performance, but also the design, manufacture, testing techniques. Each is in different area of expertise. Therefore, overlap and conflict would not exist in the standardized object of the proposal or with the scope of work for ISO/TC23 for now and in the future.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, May 9th, 2014.

Public Review Draft

Proposed Addendum bg to Standard 189.1-2011

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

Second Public Review (May 2014)
(Draft Shows Independent Substantive Change)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305



BSR/ASHRAE/USGBC/IES Addendum bg to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings Second Public Review Draft.

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This addendum adds a section on Landscape Design to section 5 of the standard (Site Sustainability). The new section draws largely on requirements already included in the chapter, but also adds new requirements intended to foster native plants and to maintain habitat for birds and insects.

This Independent Substantive Change addresses identified inconsistencies between sections 5 (Site Sustainability) and 6 (Water Use Efficiency) of the standard, revises the definition of "improved landscape" to increase its clarity, and adds some additional exceptions to the requirements under 5.3.5c and 6.3.1.1.

Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and strikethrough (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum bg to 189.1-2011 (Independent Substantive Change)

Modify definitions in Section 3.2 as follows:

improved landscape: any ~~disturbed~~ area of the *site* where new plants ~~and/or grass materials~~ are to be used, including green *roofs*, plantings for stormwater controls, planting boxes, and similar uses of vegetation ~~vegetative use~~. *Improved landscape* shall not include *hardscape* areas such as sidewalks, driveways, ~~or~~ other paved areas, ~~and~~ swimming pools and ~~or~~ decking.

Plants:

- a. ***adapted plants***: plants that reliably grow well in a given habitat with minimal attention from humans in the form of winter protection, pest protection, irrigation, or fertilization. Adapted plants are considered to be low maintenance but not invasive. Appropriate plants may be native or non-native to the site.
- b. ***invasive plants***: Species of plants that are not native to the *building project site* and that cause or are likely to cause environmental harm. At a minimum, the list of invasive species for a building project site includes plants included in city, county, and regional lists and State and Federal Noxious Weeds laws.
- c. ***native plants***: Plants recognized as native species by applicable city, county, state, or regional governmental bodies. Alternatively, plant species, hybrids, varieties, and cultivars that occur or occurred without human introduction in the *site's* US EPA Level III ecoregion.

Modify Section 5.3.5 as follows:

BSR/ASHRAE/USGBC/IES Addendum bg to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft.

5.3.5 Landscape Design The ~~installed~~ landscape design and its implementation shall comply with the following requirements:

- a. on a *greenfield site*, ~~if~~ more than 20% of the area of the *predevelopment site* has existing *native plants* or *adapted plants*, a minimum of 20% of the area of existing *native plants* or *adapted plants* shall be retained.
- b. for all sites: a minimum of 10% of the total vegetated area shall be restricted to *native plants*.
- c. for all sites: a minimum of 60% of the *improved landscape* ~~total vegetated area~~ shall be restricted to *bio-diverse plantings* of *native plants* and *adapted plants* other than *turfgrass*.

Exception: The following areas need not be included in the calculation of the *improved landscape*:

1. For schools, residential common areas, and public recreational facilities, ~~The~~ the area of dedicated athletic fields, golf courses, and ~~fire lanes~~ driving ranges shall not be included in the calculations of;
 2. For any *building project*, the area of burial grounds, areas covered by vegetated paving systems, and the minimum area of fire lanes required by the jurisdiction, ~~the total vegetated area.~~
- d. *Invasive plants* shall be removed from the *building project site* and destroyed or disposed of in a landfill. *Invasive plants* shall not be planted on the *building project site*.

Modify Section 6.3.1.1 as follows:

6.3.1.1 Landscape Design. A minimum of 60% of the area of the *improved landscape* shall be in *bio-diverse planting of native plants* and *adapted plants* other than *turfgrass*.

Exception: The following areas need not be included in the calculation of the *improved landscape*:

1. For schools, residential common areas, and public recreational facilities, ~~The~~ the area of dedicated athletic fields, golf courses, and driving ranges shall be excluded from the calculation of the *improved landscape* for schools, residential common areas, or public recreational facilities.
2. For any *building project*, the area of burial grounds, areas covered by vegetated paving systems, and the minimum area of fire lanes required by the jurisdiction.

Public Review Draft

Proposed Addendum cd to Standard 189.1-2011

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (May 2014)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research-technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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BSR/ASHRAE/USGBC/IES Addendum cd to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings First Public Review Draft.

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This addendum is intended to have construction planning and activity measures take place to reduce the entry of contaminants (i.e., vehicle emissions, debris, dust, etc.) from entering occupied spaces within the construction area or those that are immediately adjacent.

Standard 62.1 contains a section entitled 7.1.4: Protection of occupied areas, which addresses construction activities within the building. This addendum strengthens and expands on those requirements with a specific distance requirement (35 feet) between construction activities and outdoor air entry points, as well as requirements for closure of contaminant entry pathways and notification of nearby owners. Additionally, the definition of “contaminant” has been added to this Standard for further clarity.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum cd to 189.1-2011

Add new Definition to Section 3.2 as follows:

contaminant: see ANSI/ASHRAE Standard 62.1.

Add new section 10.3.1.7 as follows:

10.3.1.7 Construction Activity Pollution Prevention: Protection of Occupied Areas.

The construction documents shall identify operable windows, doors and air intake openings that serve occupied spaces, including those not associated with the *building project*, that are in the area of construction activity or within 35 feet (11 m) of the limits of construction activity. Such windows, doors and air intake openings that are under control of the *owner* shall be closed or other measures shall be taken to limit *contaminant* entry.

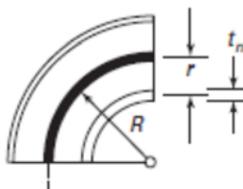
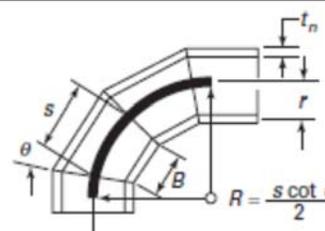
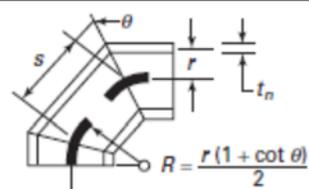
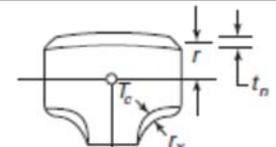
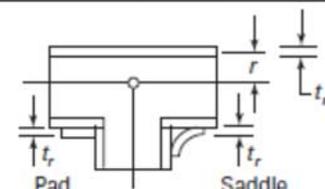
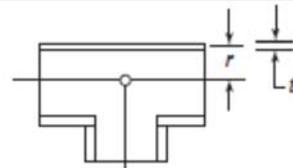
Management of the affected building(s) not under the control of the *building project owner* shall be notified, in writing, of planned construction activity and possible entry of *contaminants* into their building(s).

Proposed revision of B31.1 Power Piping - 2012
Draft: April 2014

MANDATORY APPENDIX D

FLEXIBILITY AND STRESS INTENSIFICATION FACTORS

Table D-1 Flexibility and Stress Intensification Factors ~~[Note (2)]~~

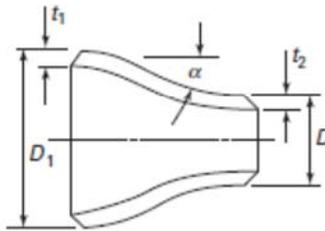
Description	Flexibility Characteristic, h	Flexibility Factor, k	Stress Intensification Factor, i	Sketch
Welding elbow or pipe bend [Notes (1), (2), (3), (4), (5)]	$\frac{t_n R}{r^2}$	$\frac{1.65}{h}$	$\frac{0.9}{h^{2/3}}$	
Closely spaced miter bend [Notes (1), (2), (3), (5)] $s < r(1 + \tan \theta)$ $B \geq 6 t_n$ $\theta \leq 22\frac{1}{2}$ deg	$\frac{s t_n \cot \theta}{2r^2}$	$\frac{1.52}{h^{5/6}}$	$\frac{0.9}{h^{2/3}}$	
Widely spaced miter bend [Notes (1), (2), (5), (6)] $s \geq r(1 + \tan \theta)$ $\theta \leq 22\frac{1}{2}$ deg	$\frac{t_n (1 + \cot \theta)}{2r}$	$\frac{1.52}{h^{5/6}}$	$\frac{0.9}{h^{2/3}}$	
Welding tee per ASME B16.9 [Notes (1), (2), (7)]	$\frac{3.1 t_n}{r}$	1	$\frac{0.9}{h^{2/3}}$	
Reinforced fabricated tee [Notes (1), (2), (8), (9)]	$\frac{(t_n + \frac{t_r}{2})^{5/2}}{r (t_n)^{3/2}}$	1	$\frac{0.9}{h^{2/3}}$	
Unreinforced fabricated tee [Notes (1), (2), (9)]	$\frac{t_n}{r}$	1	$\frac{0.9}{h^{2/3}}$	

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Table D-1 Flexibility and Stress Intensification Factors (Cont'd) [Note (2)]

Description	Flexibility Characteristic, h	Flexibility Factor, k	Stress Intensification Factor, i	Sketch
Branch welded-on fitting (integrally reinforced) per MSS SP-97 [Notes (1), (2)]	$\frac{3.3t_n}{r}$	1	$\frac{0.9}{h^{2/3}}$	
Extruded outlet meeting the requirements of para. 104.3.1(G) [Notes (1), (2)]	$\frac{t_n}{r}$	1	$\frac{0.9}{h^{2/3}}$	
Welded-in contour insert [Notes (1), (2), (7)]	$3.1 \frac{t_n}{r}$	1	$\frac{0.9}{h^{2/3}}$	
Description	Flexibility Factor, k	Stress Intensification Factor, i		Sketch
Branch connection [Notes (1), (10)]	1	For checking branch end $1.5 \left(\frac{R_m}{t_{nb}} \right)^{2/3} \left(\frac{r'_m}{R_m} \right)^{1/2} \left(\frac{t_{nb}}{t_p} \right) \left(\frac{r'_m}{r_p} \right)$		See Fig. D-1
Butt weld [Note (1)]				
$t \geq 0.237$ in., $\delta_{max} \leq \frac{1}{8}$ in., and $\delta_{avg}/t \leq 0.13$	1	1.0 [Note (11)]		
Butt weld [Note (1)]				
$t \geq 0.237$ in., $\delta_{max} \leq \frac{1}{8}$ in., and $\delta_{avg}/t =$ any value	1	1.9 max. or $[0.9 + 2.7(\delta_{avg}/t)]$, but not less than 1.0 [Note (11)]		
Butt weld [Note (1)]				
$t < 0.237$ in., $\delta_{max} \leq \frac{1}{16}$ in., and $\delta_{avg}/t \leq 0.33$	1			
Fillet welds	1	1.3 [Note (12)]		See Figs. 127.4.4(A), 127.4.4(B), and 127.4.4(C)
Tapered transition per para. 127.4.2(B) and ASME B16.25 [Note (1)]	1	1.9 max. or $1.3 + 0.0036 \frac{D_o}{t_n} + 3.6 \frac{\delta}{t_n}$		

Table D-1 Flexibility and Stress Intensification Factors (Cont'd) ~~[Note (2)]~~

Description	Flexibility Factor, k	Stress Intensification Factor, i	Sketch
Concentric reducer per ASME B16.9 [Notes (1), (13)]	1	2.0 max. or $0.5 + 0.01\alpha \left(\frac{D_1}{t_2}\right)^{1/2}$	
Threaded pipe joint or threaded flange	1	2.3	...
Corrugated straight pipe, or corrugated or creased bend [Note (14)]	5	2.5	...

NOTES:

- (1) The following nomenclature applies to Table D-1:

 B = length of miter segment at crotch, in. (mm) D_o = outside diameter, in. (mm) D_{ob} = outside diameter of branch, in. (mm) D_1 = outside diameter of reducer on large end, in. (mm) D_2 = outside diameter of reducer on small end, in. (mm) R = bend radius of elbow or pipe bend, in. (mm) r = mean radius of pipe, in. (mm) (matching pipe for tees) r_x = external crotch radius of welded-in contour inserts and welding tees, in. (mm) s = miter spacing at centerline, in. (mm) T_c = crotch thickness of welded-in contour inserts and welding tees, in. (mm) t_n = nominal wall thickness of pipe, in. (mm) (matching pipe for tees) t_r = reinforcement pad or saddle thickness, in. (mm) α = reducer cone angle, deg δ = mismatch, in. (mm) θ = one-half angle between adjacent miter axes, deg

- (2) The flexibility factors k and stress intensification factors i in Table D-1 apply to bending in any plane for fittings and shall in no case be taken less than unity. Both factors apply over the effective arc length (shown by heavy centerlines in the sketches) for curved and miter elbows, and to the intersection point for tees. The values of k and i can be read directly from Chart D-1 by entering with the characteristic h computed from the formulas given. ~~Their validity has been demonstrated for $D_o/t_n \leq 100$.~~
- (3) Where flanges are attached to one or both ends, the values of k and i in Table D-1 shall be multiplied by the factor c given below, which can be read directly from Chart D-2, entering with the computed h : one end flanged, $c = h^{1/6}$; both ends flanged, $c = h^{1/3}$.
- (4) The designer is cautioned that cast butt welding elbows may have considerably heavier walls than those of the pipe with which they are used. Large errors may be introduced unless the effect of these greater thicknesses is considered.
- (5) In large diameter thin-wall elbows and bends, pressure can significantly affect magnitudes of k and i . Values from the Table may be corrected by dividing k by

$$\left[1 + 6 \left(\frac{P}{E_c} \right) \left(\frac{r}{t_n} \right)^{7/3} \left(\frac{R}{r} \right)^{1/3} \right]$$

and dividing i by

$$\left[1 + 3.25 \left(\frac{P}{E_c} \right) \left(\frac{r}{t_n} \right)^{5/2} \left(\frac{R}{r} \right)^{2/3} \right]$$

- (6) Also includes single miter joints.
- (7) If $r_x \geq D_{ob}/8$ and $T_c \geq 1.5t_n$, a flexibility characteristic, h , of $4.4t_n/r$ may be used.
- (8) When $t_r > 1.5t_n$, $h = 4.05t_n/r$.
- (9) The stress intensification factors in the Table were obtained from tests on full size outlet connections. For less than full size outlets, the full size values should be used until more applicable values are developed.

o is to be subscript

n is to be subscript

Table D-1 Flexibility and Stress Intensification Factors (Cont'd)

NOTES (Cont'd):

- (10) The equation applies only if the following conditions are met:
- (a) The reinforcement area requirements of para. 104.3 are met.
 - (b) The axis of the branch pipe is normal to the surface of run pipe wall.
 - (c) For branch connections in a pipe, the arc distance measured between the centers of adjacent branches along the surface of the run pipe is not less than three times the sum of their inside radii in the longitudinal direction or is not less than two times the sum of their radii along the circumference of the run pipe.
 - (d) The inside corner radius r_1 (see Fig. D-1) is between 10% and 50% of t_{nb} .
 - (e) The outer radius r_2 (see Fig. D-1) is not less than the larger of $T_b/2$, $(T_b + y)/2$ [shown in Fig. D-1 sketch (c)], or $t_{nb}/2$.
 - (f) The outer radius r_3 (see Fig. D-1) is not less than the larger of:
 - (1) $0.002\theta d_o$;
 - (2) $2(\sin \theta)^3$ times the offset for the configurations shown in Fig. D-1 sketches (a) and (b).
 - (g) $R_m/t_{nb} \leq 50$ and $r'_m/R_m \leq 0.5$.
- (11) The stress intensification factors apply to girth butt welds between two items for which the wall thicknesses are between $0.875t$ and $1.10t$ for an axial distance of $\sqrt{D_o t}$. D_o and t are nominal outside diameter and nominal wall thickness, respectively. δ_{avg} is the average mismatch or offset.
- (12) For welds to socket welded fittings, the stress intensification factor is based on the assumption that the pipe and fitting are matched in accordance with ASME B16.11 and a full weld is made between the pipe and fitting as shown in Fig. 127.4.4(C). For welds to socket welding flanges, the stress intensification factor is based on the weld geometry shown in Fig. 127.4.4(B) and has been shown to envelop the results of the pipe to socket welded fitting tests. Blending the toe of the fillet weld, with no undercut, smoothly into the pipe wall, as shown in the concave fillet welds in Fig. 127.4.4(A) sketches (b) and (d), has been shown to improve the fatigue performance of the weld.
- (13) The equation applies only if the following conditions are met:
- (a) Cone angle α does not exceed 60 deg, and the reducer is concentric.
 - (b) The larger of D_1/t_1 and D_2/t_2 does not exceed 100.
 - (c) The wall thickness is not less than t_1 throughout the body of the reducer, except in and immediately adjacent to the cylindrical portion on the small end, where the thickness shall not be less than t_2 .
- (14) Factors shown apply to bending; flexibility factor for torsion equals 0.9.

GENERAL NOTES:

(a) The validity of the stress intensification and flexibility factor data in Table D-1 has been demonstrated for $D_o/t_n \leq 100$.

n is to be a subscript

o is to be a subscript

Fig. 100.1.2(A.1), Fig. 100.1.2(A.2), Fig. 100.1.2(B), and Fig. 100.1.2(C),

Administrative Jurisdiction and Technical Responsibility

Second Note Reads:

•——• Boiler External Piping and Joint (BEP) – The ASME BPVC has total administrative jurisdiction (mandatory certification) by stamping the Certification Mark with the appropriate Designator, ASME Data Forms, and Authorized Inspection of BEP. The ASME Section Committee B31.1 has been assigned technical responsibility. Refer to ASME BPVC Section I Preamble and ASME B31.1 Scope, para. 100.1.2(A). Applicable ASME B31.1 Editions and Addenda are referenced in ASME BPVC Section I, PG 58.3.

136.2.2 Certification by use of the ASME Certification Mark and Designators and Data Reports, where required, shall be as per PG-104, PG-105, PG-109, PG-110, PC-111, and PG-112 of Section I of the ASME Boiler and Pressure Vessel Code.

TABLE NC-1
MODULUS OF ELASTICITY, NONMETALS

Material Description	E ¹ , ksi (73.4°F)	E ¹ , MPa (23°C)
Thermoplastics		
PVC, Type 1120	420	2895
PVC, Type 2116	360	2485
CPVC 4120	420	2895
PE, Type 2406	90	620
PE, Type 3408	110	740
Polypropylene	120	825
Poly (vinylidene/chloride)	100	690
Poly(vinylidene fluoride)	194	1340
Thermosetting Resins, Axially Reinforced		
Epoxy-glass, centrifugally cast	1200-1900	8275 - 13100
Epoxy-glass, filament-wound	1100-2000	7585 - 13790
Polyester-glass, centrifugally cast	1200-1900	8275 - 13100
Polyester-glass, filament-wound	1100-2000	7585 - 13790
Polyester-glass, hand lay-up	800-1000	5515 - 6895
Other		
Hard Rubber (Buna N)	300	2070

NOTE:

1) The modulus of elasticity values for thermosetting resin pipe are given in the longitudinal direction; different values may apply in the circumferential or hoop direction. The modulus of elasticity values for thermoplastic resin pipe are temperature-dependent and stress-time related. In all cases for materials listed in this Table, manufacturers may be consulted for specific product information.

PE2708	100	690
PE3608	125	860
PE3708	125	860
PE3710	125	860
PE4708	130	897
PE4710	130	897

100.1.2 Power piping systems as covered by this Code apply to all piping and their component parts except as excluded in para. 100.1.3. They include but are not limited to steam, water, oil, gas, and air services. .

(A) This Code covers boiler external piping as defined below for power boilers and high temperature, high pressure water boilers in which steam or vapor is generated at a pressure of more than 15 psig [100 kPa (gage)]; and high temperature water is generated at pressures exceeding 160 psig [1103 kPa (gage)] and/or temperatures exceeding 250°F (120°C).

Boiler external piping shall be considered as piping that begins where the boiler proper terminates at

- (1) the first circumferential joint for welding end connections; or
- (2) the face of the first flange in bolted flanged connections; or
- (3) the first threaded joint in that type of connection; and that extends up to and including the valve or valves required by para. 122.1.

The terminal points themselves are considered part of the boiler external piping. The terminal points and piping external to power boilers are illustrated by Figs. 100.1.2(A.1), 100.1.2(A.2), 100.1.2(B), and 100.1.2(C).

The terminal points themselves are considered part of the boiler external piping. The terminal points and piping external to power boilers are illustrated by Figs. 100.1.2(A.1), 100.1.2(A.2), 100.1.2(B), and 100.1.2(C).

Piping between the terminal points and the valve or valves required by para. 122.1 shall be provided with Data Reports, inspection, and stamping as required by Section I of the ASME Boiler and Pressure Vessel Code. All welding and brazing of this piping shall be performed by manufacturers or contractors authorized to use the ASME Certification Mark and appropriate Designators shown in Fig. PG 105 and defined by PG 109 ~~The installation of boiler external piping by mechanical means may~~ Section I of the ASME Boiler and Pressure Vessel Code, of Section I of the ASME Boiler and Pressure Vessel Code. The installation of boiler external piping by mechanical means may be performed by an organization not holding an ASME Certification Mark. However, the holder of a valid ASME Certification Mark, Certificate of Authorization, with a "PP", "S" or "A" Designator shall be responsible for the documentation and hydrostatic test, regardless of the method of assembly. The quality control system requirements of Section I of the ASME Boiler and Pressure Vessel Code shall apply. These requirements are shown in Appendix J of this Code.

International Code Council
ICC/NSSA STANDARD FOR
THE DESIGN AND CONSTRUCTION OF STORM SHELTERS
ICC 500-2013 edition
Public Comment Draft #3

The ICC Consensus Committee on Storm Shelters has held 1 public meetings to develop the third public comments draft of the ICC 500-2013 Standard for the Design and Construction of Storm Shelters. Public comments are requested on the strike-out/underline portions only of this third public comments draft. The public comment deadline is June 1, 2014. Go to <http://www.iccsafe.org/cs/standards/IS-STM/Pages/default.aspx> for more information.

Proposal No.
IS-STM1-11/12
Section 101.2

Revise as follows:

101.2 Scope. This standard applies to the design, construction, installation, and inspection of storm shelters constructed for protection from high winds associated with tornadoes and hurricanes. Stormshelters may be separate detached buildings or rooms and areas within buildings, ~~as separate detached buildings, or constructed as safe rooms within buildings for the purpose of providing safe refuge from storms that produce extreme high winds, such as tornadoes and hurricanes.~~ Shelters designed and constructed to this standard shall be designated as either to be hurricane shelters, tornado shelters, or combined hurricane and tornado shelters.

Proposal No.
IS-STM10-11/12
Section 106.3

Modify the proposal as follows:

106.3 Special cases. Special inspections shall be provided for proposed work comprised of:

1. Construction materials and systems that are alternatives to traditional materials and systems prescribed by the applicable code.
2. Unusual design and construction applications.
3. Anchors post-installed in hardened concrete and masonry, when used for shelter anchorage, anchorage of shelter components forming a part of the shelter enclosure or anchorage of shelter structure shall be in accordance with Section 106.3.1.

106.3.1 Special Inspections to Verify Anchor Installation. Special Inspection to verify the anchor installation, capacity and foundation adequacy according to the anchor manufacturer and shelter anchorage and foundation requirements provided in the shelter design information required in Section 107.2.1, quality assurance plans required in Section 107.3.2, and foundation and anchorage criteria required in Section 309.

EXCEPTION: For residential shelters, where the authority having jurisdiction verifies that the foundation and anchoring complies with the ~~installation~~ requirements of the shelter ~~manufacturer design, as provided in documentation required by Section 107,~~ special inspection is permitted to be waived by the authority having jurisdiction.

(Portions of proposal not shown remain unchanged)

Proposal No.

IS-STM18-11/12

Section 301.1.1

Modify proposal as follows:

306.6 Anchorage of doors, windows and shutters. Where anchorage of door, window or shutter framing to the shelter structure is required by means other than those provided in the manufacturer's ~~details listing~~ or installation instructions in accordance with Section 107, the alternate anchorage shall be designed for pull-out and shear and the anchor placement detailed in accordance with accepted engineering practice. The alternate anchorage details and calculations shall be provided as part of the Construction Documents.

(Portions of proposal not shown remain unchanged)

Proposal No.

IS-STM19-11/12

Section 108.2, 202

Modify proposal as follows:

Section 202

Modify proposal as follows:

~~**Label.** An independent certification and permanent label applied on a product that contains the name of the manufacturer or and performance characteristics (including, but not limited to, test missile size and speed, and test pressure.) of the product or material and the name and identification of the Approved agency, and that indicates that the representative sample of the product or material has been tested and evaluated by an approved agency.~~

LABEL. An identification applied on a product by the manufacturer that contains the name of the manufacturer, the function and performance characteristics of the product or material, and the name and identification of an *approved agency* and that indicates that the representative sample of the product or material has been tested and evaluated by an *approved agency*.

(Portions of proposal not shown remain unchanged)

Proposal No.

IS-STM20-11/12

Impact-Protective System. System or device such as a shutter, door, or other device mounted on the inside or outside of the exterior wall of a the shelter envelope and which has been demonstrated by testing to be capable of withstanding the impact of test missiles as detailed in this standard.

(Portions of proposal not shown remain unchanged)

Proposal No.

IS-STM26-11/12

Section 309.1, 309.1.1, 309.1.2

Modify proposal as follows:

309.1 Connections of storm shelters to foundations or slabs. Shelters shall be designed to resist all loads specified in Chapter 3 and the resultant forces to the ground.

309.1.1 ~~309.1.2~~ **Calculation of resistance.** Structural stability of storm shelters shall be determined by engineering calculations for design wind pressures determined in accordance with Section 304. Where storm shelters are anchored to foundations or slabs-on grade whose top surfaces extending outward from the shelter walls are at grade, the top surfaces of the foundations or slabs shall not be considered to have wind uplift forces acting on them.

309.1.2.1. Slabs on grade. Slabs on grade shall be designed for the applicable loads in accordance with Section 301. Where a slab on grade is being used to resist loads, the minimum thickness shall be 3½ inches (88.9 mm) and the minimum steel reinforcement for slabs on grade resisting forces on the storm shelter shall be 6 x 6 – W1.4 x W1.4 welded wire reinforcement on the required area of the slab, or No. 4 bars at a maximum of 18 inches on center in 2 perpendicular directions.

Exception: (No change)

309.1.2.2 Joints in concrete slabs on grade. Design calculations for concrete slabs on grade supporting storm shelters shall include the effect of expansion joints, contraction joints or construction joints where such slabs on grade ~~that~~ are utilized to resist tensile and shear loads from the supported storm shelters.

Proposal No.

IS-STM43-11/12

Section 803.1

Modify proposal as follows:

803.1 Test Assembly. All parts of the test specimen shall be full size, using the same materials, details, methods of construction and methods of attachment as proposed for actual use. Testing of components consisting of wall, roof, door, or window assemblies shall be allowed in lieu of testing entire shelters. Except where failure of framing members may control the impact performance, wall and roof sections subjected to debris impact testing shall be a minimum of 4-feet (1219mm) wide by 4-feet (1219 mm) high unless dimensions of the actual assembly are less than these dimensions. Wall and roof sections subjected to pressure testing and wall sections where impact resistance may be controlled by framing members shall be a minimum of 4-feet (1219 mm) wide and the full length of the span of the wall section from support to support.

Doors, windows, and impact protective devices ~~opening protective systems (shutters)~~ are to be tested at the maximum and minimum size ~~proposed~~ listed for use. Operable doors or windows shall be tested for the conditions of swing and latching as specified for use of the product. The specimen shall consist of the entire assembled unit and shall, when practical, be mounted as it will be installed in a shelter, and shall contain all devices used to resist wind forces and windborne debris. When it is not practical to install for testing a door or window frame as it will be mounted in a shelter, then the unit or assembly shall be mounted in a test buck to connect the specimen to the test frame/stand/chamber. Details of the mounting shall be described in the test report.

Proposal No.

IS-STM55-11/12

Section 308, 202

Modify proposal as follows:

304.10 Storm shelters connected to host buildings. Where an element or component of the host building is connected to a storm shelter, the storm shelter shall ~~also~~ be designed to resist loads transmitted through that connection equal to 1.5 times the nominal strength of the connection, ~~in addition to concurrent with the other wind loads produced by IBC Design wind speeds (wind speeds which are below the shelter design wind speeds)~~ on the storm shelter required by Chapter 3.

(Portions of proposal not shown remain unchanged)

Proposal no.
IS-STM61-11/12
 Chapter 9
 Revise as follows:

ASCE/SEI	American Society of Civil Engineers/Structural Engineers Institute
Standard Reference Number	Title
7— 05 10	Minimum Design Loads for Buildings and Other Structures <u>with Supplement No. 1</u>
24- 05 <u>13</u>	Flood Resistant Design and Construction
ASTM	ASTM International
E631- 05 <u>06</u>	Terminology of Building Construction
E1886-04 <u>05</u>	Standard Test Method for the Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
E1996-02 <u>12</u>	Specification for Performance of Exterior Walls
DOC	U.S. Department of Commerce
PS20-99 <u>10</u>	American Softwood Lumber Standard
ICC	International Code Council
IBC- 06 <u>15</u>	International Building Code
ICC A117.1-03 <u>09</u>	Accessible and Usable Buildings and Facilities
NFPA	
NFPA 10-02 <u>13</u>	Portable Fire Extinguishers

Proposal No.
IS-STM62-11/12
 Section 401.1
 Revise as follows:

401.1 Minimum floor elevation of storm shelters. The minimum floor elevations of storm shelters shall be determined in accordance with Section 401.1.1 or 401.1.2, as applicable.

401.1.1 Minimum floor elevation of community shelters. The lowest floor used for the occupied shelter and occupant support areas of a community shelter shall be elevated to or above the higher of the

elevations determined by:

401.1.2 Minimum floor elevation of residential shelters. The lowest floor used for the occupied shelter area of a residential shelter shall be elevated to or above the higher of the elevations determined by:

Proposal No.

IS-STM63-11/12

Section 303.4

Revise as follows:

303.4 Flood Loads. Flood loads shall be determined in accordance with ASCE 7. The design using the flood elevations shall equal the minimum floor elevation as specified in Section 401 of this standard.

Proposal No.

IS-STM64-11/12

Section 403.1

403.1 Residential shelter siting. Residential tornado shelters shall be located within the residence that the shelter is intended to serve, or shall be located on the site such that the maximum travel distance ~~from the~~ from theof at least one travel path from an access opening ~~for for on~~ for for on the shelter to ~~the furthest~~ the furthestan exterior door of ~~the residence or residences~~ the residence or residencesany residence that the shelter is intended to serve does not exceed 150 feet (45 720 mm).

Proposal No.

IS-STM65-11/12

Section 303.1.1, 703.8

Revise as follows:

~~**303.1.1 Rainfall rate for the primary drainage system.** Rainfall rate for the primary drainage system shall be determined by adding 3 inches (76.2 mm) of rainfall per hour to the rainfall rate established from Figure 303.2.~~

703.8 Rainwater drainage for hurricane shelters.

703.8.1 Rainfall rate for the primary roof drainage system. Rainfall rate for the primary roof drainage system shall be determined by adding 3 inches (76.2 mm) of rainfall per hour to the rainfall rate established from Figure 303.2.

703.8.2 Rainwater drainage for hurricane shelter facilities. Rainwater drainage shall be provided for facilities where it is possible that rainwater will be impounded and flood occupied shelter areas, critical support systems or access routes. The rainfall rate shall be determined by adding 6 inches (152.4 mm) per hour to the rainfall rate established in Figure 303.2.

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BSR/UL 197, Standard Commercial Electric Cooking Appliances

1. Addition of Door Opening Test, New 5A.9, New Clauses 65A and 65B

5A.9 Door latch release

5A.9.1 Unless provided with other means of exit, door(s) intended for entrance of persons into the heated compartment of an appliance; including a door panel assembly door, shall be able to be opened from the inside by a force applied outwardly to the door or to a release actuator. Doors shall comply with the Door Opening Test, 65B. In addition, doors with an interior latch release device shall comply with the Door Latch Release Test, 65A.

5A.9.2 If the door is provided with a key lock, it shall be constructed such that the lock can be opened from the interior without using a key or tool.

5A.9.3 Interior latch release actuators shall function with the appliance in its intended operating position and shall be operable from all spaces that are directly accessible when the door(s) is opened.

5A.9.4 A latch release device shall not depend on an electrical source for operation.

5A.9.5 A latch release device shall be constructed so that spillage of foods, or cleaning in accordance with the manufacturer's recommendations will not affect compliance with the requirements of the Door Latch Release Test, Section 65A.

65A Door Latch Release Test

65A.1 An interior latch release device of a walk-in appliance, or door panel assembly door (see 5A.9.1) shall release with a force of 15 pounds (66.7 N) or less, applied at the rate of 3 to 4 pounds (13.4 to 17.8 N) per second.

65A.2 When the force required to release the door latch is intended to be applied to an interior bar, lever, or similar actuator, the force is to be applied to this actuator.

65A.3 Components of a latch release mechanism that permit the door to open as a result of a force applied to an actuator shall not break, crack, or permanently deform from the application of 50 successive 20 pounds (88.9 N) pushing operations followed by 50 successive 20 pound pulling operations (when either or both are applicable, depending on the component construction).

65B Door Opening Test

65B.1 The door of a walk-in appliance, or door panel assembly (see 5A.9.1) shall open when a force of 50 pounds (220 N) is applied.

65B.2 The force is to be applied at a rate of 3 - 4 lbs (13.4 - 17.8 N) per second until the door opens.

65B.3 When a door latch release mechanism is employed, the force is to be applied to the door within 12 inches (30 cm) of the interior latch release mechanism. The door opening test is conducted after the Door Latch Release Test, 65A.

65B.4 When a door latch release mechanism is not employed, the release force measurements are to be made by means of a force gauge at each of three points on the inside of the door or door liner edge on the side opposite the hinges. One point is to be near the top of the door, one point near the bottom of the door, and one point midway between these two points. The force measurements may be made at points on the outer door surface corresponding to the three internal points.

65B.5 When the test in 65B.1 is applied to a door with an adjustable spring closing or counterbalancing mechanism, the mechanism is to be adjusted to the position requiring maximum opening force.

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BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Revision of decorative outfit product accessory length

13.1.9 For decorative outfit accessories that are provided with a cord, a cord connector, and a power supply cord, the total length of the product, as measured from the face of the cord connector to the face of the attachment plug, shall not exceed 18 inches.

Exception: Decorative outfit accessories employing 12 AWG (3.31 mm²) or 14 AWG (2.08 mm²) flexible cord or are intended to be installed and fixed inside a decorative outfit are ~~is~~ permitted to have a cord longer than 18 inches.

2. Addition of CXTW-S

13.2.4 The wire employed in a series-connected seasonal product shall be a minimum 22 AWG (0.32 mm²) Type CXTW twisted conductor or 22 AWG (0.32 mm²) Type XTW, with a minimum insulation temperature of 105°C (221°F). Type CXTW and XTW wire are suitable for both indoor and outdoor use.

Exception No. 1: A decorative outfit is able to employ single-conductor Type CXTW wire as indicated in 31.8 provided that the lampholders or the wire or both are secured to and supported by a rigid frame.

Exception No. 2: When a net lighting string employs single conductor Type CXTW flexible cord, it shall be a minimum 18 AWG (0.82 mm²).

Exception No. 3: When a series-connected seasonal product employs a polarized line and load fitting, it shall employ a minimum 20 AWG (0.52 mm²) Type CXTW twisted conductor wire or 20 AWG (0.52 mm²) XTW wire.

Exception No. 4: Single conductor CXTW wire is permitted to be employed if the wire is twisted with a non-current carrying polymeric supporting rope which is rated for at least 105°C and:

- a) *Complies with 81A.1 when the support rope has a minimum diameter equivalent to the CXTW wire, or*
- b) *Complies with 81A.2 when the diameter of support rope is less than that of the CXTW wire.*

When the seasonal product is for outdoor-use, then the non-current carrying polymeric rope shall also comply with the requirements in 89.2.

Exception No. 5: A lighting string that complies with 81A.2 is permitted to be provided with a single CXTW conductor with integral parallel construction.

Exception No. 6: A series-connected lighting string is permitted to employ single conductor CXTW-S cord.