ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: July 21, 2013

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME PTC 19.1-200x, Test Uncertainty (revision of ANSI/ASME PTC 19.1-2005)

This Standard specifies procedures for evaluation of uncertainties in test measurements, parameters and methods, and, for propagation of those uncertainties into the uncertainty of a test result. Depending on the application, uncertainty sources may be classified either by the presumed effect (systematic or random) on the measurement or test result, or by the process in which they may be quantified or their pedigree established (Type A or Type B). When an uncertainty analysis is completed, a numerical characterization of the quality of test results is available with an appropriate level of confidence, typically 95%. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: George Osolsobe, (212) 591-8554, osolsobeg@asme.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 153-201X, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2013a)

The following changes in requirements to the Standard for Portable Electric Luminaires, UL 153, are being proposed: (1) Add exception to 123C.5.2 for through-cord fittings on hand lights.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

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

This covers: (1) Miscellaneous revisions to requirements for consistency with the wattage marking; and (2) Revision to requirements for lighting strings with nonstandard multi-pin connectors.

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 867-201X, Standard for Safety for Electrostatic Air Cleaners (Proposal dated 06-21-13) (revision of ANSI/UL 867-2011)

This proposal is for the prohibition of components containing liquid mercury.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, vickie.t.hinton@ul.com

Comment Deadline: August 5, 2013

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/IEC 80601-2-58-201x, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58)

The purpose of this standard is to set appropriate requirements for the safety and performance of lens removal and vitrectomy devices for ophthalmic surgery to reduce the risk of detrimental impact on the medical treatment to an acceptable level for their intended use. The benefit of this standard is to the medical industry, manufacturers, medical regulators, hospitals, clinics, medical users, and finally to the patient.

Single copy price: $25.00/$20.00 (AAMI members)

Obtain an electronic copy from: http://marketplace.aami.org/eseries/ScriptContent/Index.cfm

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: Hae Choe, (703) 253-8268, HChoe@aami.org; customerservice@aami.org

AWS (American Welding Society)

New Standard

BSR/AWS B2.1-1-302-201x, Welding Procedure Specification for Naval Applications (SWPS-N): Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 through 1-1/2 inch Thick, MIL-7018-M, As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 through 1-1/2 inch, using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for fillet welds, partial penetration groove welds, full penetration groove welds with backing, and full penetration welds that are welded from both sides. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: $9.00

Obtain an electronic copy from: Adiaz@aws.org

Order from: Alexander Diaz, (305) 443-9353, Adiaz@aws.org

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

AWS (American Welding Society)

New Standard

BSR/AWS B2.1-1-312-201x, Welding Procedure Specification for Naval Applications (SWPS-N): Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 through 1-1/2 inch Thick, MIL-7018-M, As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 through 1-1/2 inch, using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for fillet welds, full penetration groove welds with backing, and joints welded from both sides. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB -010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: $9.00

Obtain an electronic copy from: Adiaz@aws.org

Order from: Alexander Diaz, (305) 443-9353, Adiaz@aws.org

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

EIA (ASC Z245) (Environmental Industry Associations)

Revision

BSR Z245.2-201x, Stationary Compactors - Safety Requirements for Installation, Maintenance, Operation, Modification and Repair (revision of ANSI Z245.2-2008)

Standard revises ANSI Z245.2-2008, Safety Requirements for the Installation, Operation, Maintenance, Service, Repair, Modification and Reconstruction of Stationary Compacting Equipment. The requirements of this standard apply to stationary compactors rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's written installation, operation, and maintenance instructions and procedures. This standard does not apply to compactors intended for use in private homes. This standard does not apply to mobile landfill compactors and compactor-type equipment that is operational when permanently mounted on trucks or other vehicles.

Single copy price: $75.00 (non-members); $30.00 (EIA members)

Obtain an electronic copy from: standards@wastec.org

Order from: Eric Schweitzer, (202) 364-3786□□, eschweitzer@wastec.org

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

HL7 (Health Level Seven)

New Standard

BSR/HL7 V3 IS, R1-201x, HL7 Version 3 Standard: Identification Service (IS), Release 1 (new standard)

This service is intended to allow for the resolution of demographics and other identifying characteristics (aka properties, aka traits) to a unique identifier. This allows any clinical system that uses the service to maintain a common description for each entity and to manage the entities. Having a standard interface for accessing and maintaining entity identification information allows systems and applications to have a consistent means of indexing data related to an entity.

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V2.8-201x, Health Level Seven Standard Version 2.8 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI/HL7 V2.7.1-2012)

This document contains the specifications for Version 2.8 of the Health Level Seven (HL7) Standard for electronic data exchange in all healthcare environments, with special emphasis on inpatient acute care facilities (i.e., hospitals).

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 RXMDSEVNT, R2-201x, HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 2 (revision and redesignation of ANSI/HL7 V3 RXMDSEVNT, R1-201x)

Interactions and models required for dispensing.

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 RXMEDORDER, R2-201x, HL7 Version 3 Standard: Pharmacy; Medication Order, Release 2 (revision and redesignation of ANSI/HL7 V3 RXMEDORDER, R1-2009)

Models and interactions to support medication orders.

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

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

ISEA (International Safety Equipment Association)

Revision

BSR/ISEA Z89.1-201x, Industrial Head Protection (revision of ANSI/ISEA Z89.1-2009)

This standard establishes minimum performance requirements for protective helmets that reduce the forces of impact and penetration and that may provide protection from electrical shock and included product assessment for optional features. Type and class designations and product marking requirements are included as well.

Single copy price: $35.00

Obtain an electronic copy from: cfargo@safetyequipment.org

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetyequipment.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR UL 1647-201x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2012a)

(1) Proposed addition and revision of requirements specific to treadmills that are intended to clarify normal loading conditions and propose correlating revisions to the input, temperature and interoperability tests;

(2) Revision of instruction requirements to add warning instructions specific to massagers with moving parts; and

(3) Proposed addition and revision of internal wiring requirements to address strain relief for interconnected cords with respect to various product constructions.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 19-201x, Standard for Safety for Lined Fire Hose and Hose Assemblies (revision of ANSI/UL 19-2008)

The following is being proposed:

(1) Revision to scope;

(2) Revision regarding length of hose;

(3) Revision to correct typographical error and to add 200 psi service test pressure rating for single jacketed hose in the 2-1/2 to 6 inch size; and

(4) Revisions to Kink Test, Repeated Bending Test, Abrasion Test, Heat Resistance Test, Fold Resistance Test, Wet Hose Test, Low Temperature Test, Friction Loss Test, Accelerated Aging Test of Threads, Accelerated Aging Test of Linings and Covers, Ozone-Exposure Test of Linings and Covers, Water Immersion Test of Linings, Pull Test, Accelerated Aging Test of Hose Assembly, and Accelerated Aging Test of Gaskets.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664 -3416, jeffrey.prusko@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 219-201x, Standard for Safety for Lined Fire Hose for Interior Standpipes (revision of ANSI/UL 219-2008)

The following is being proposed:

(1) Revision to scope with respect to NFPA references;

(2) Revision to paragraph 6.3 to correct typographical error;

(3) Revision to Kink Test with respect to hose length;

(4) Revision to repeated bending test to add tolerances to test parameters; and

(5) Revision to Ozone-Exposure Test with respect to outside reference.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664 -3416, jeffrey.prusko@ul.com

Comment Deadline: August 20, 2013

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME RAM-1-201x, Reliability, Availability, and Maintainability of Equipment and Systems in Power Plants (new standard)

This Standard provides the requirements to establish a reliability, availability, and maintainability (RAM) program for any power generation facility. The program process includes:

(a) Establishment of RAM goals; and

(b) Requirements for design, construction and commissioning, and operations.

This Standard identifies the required RAM program elements and responsibilities.

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: Ryan Crane, (212) 591 -7004, craner@asme.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 62-201x, Standard for Safety for Flexible Cords and Cables (Proposals Dated 6/21/13) (revision of ANSI/UL 62-2010a)

This standard specifies the requirements for flexible cords, elevator cables, electric vehicle cables, and hoistway cables rated 600 V maximum and intended for use in accordance with CSA C22.1, Canadian Electrical Code (CEC), Part I and CAN/CSA-C22.2 No. 0, General Requirements - Canadian Electrical Code, Part II, in Canada; NOM-001-SEDE, La Norma de Instalaciones Electricas (Mexican Electrical Code [MEC]), in Mexico; and NFPA 70, National Electrical Code (NEC), in the United States.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

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

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM D257-201x, Test Methods for DC Resistance or Conductance of Insulating Materials (revision of ANSI/ASTM D257-2007)

ASTM (ASTM International)

BSR/ASTM D495-201x, New Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (new standard)

ASTM (ASTM International)

BSR/ASTM D1711-201x, Terminology Relating to Electrical Insulation (revision of ANSI/ASTM D1711-2011a)

ASTM (ASTM International)

BSR/ASTM D4566-201x, Test Methods for Electrical Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable (revision of ANSI/ASTM D4566-2005)

ASTM (ASTM International)

BSR/ASTM D5374-201x, Test Methods for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (revision of ANSI/ASTM D5374 -1999 (R2005))

ASTM (ASTM International)

BSR/ASTM D5423-201x, Specification for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (revision of ANSI/ASTM D5423 -1999 (R2005))

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: *Hae Choe*

Phone: (703) 253-8268

Fax: (703) 276-0793

E-mail: HChoe@aami.org; customerservice@aami.org

BSR/AAMI/IEC 80601-2-58-201x, Medical electrical equipment - Part 2 -58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58)

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street, Suite 808
Arlington, VA 22209

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 525-1698

E-mail: cfargo@safetyequipment.org

BSR/ISEA Z89.1-201x, Industrial Head Protection (revision of ANSI/ISEA Z89.1-2009)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

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

BSR/INCITS 532-201x, Information technology - Vocabulary Description and Management (new standard)

INCITS/ISO/IEC 10646:2012/Amd 1:2013, Information technology -- Universal Coded Character Set (UCS) -- Amendment 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters (identical national adoption of ISO/IEC 10646:2012/Amd 1:2013)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1205 sp-201x, Dealing with suspect (outlying) test determinations (new standard)

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

ANSI/AAMI/IEC 62304, Ed.1-2006 (R2013), Medical device software - Software life cycle processes (reaffirmation of ANSI/AAMI/IEC 62304, Ed.1-2006): 6/14/2013

AMCA (Air Movement and Control Association)

Revision

ANSI/AMCA 540-2013, Test Method for Louvers Impacted by Wind Borne Debris (revision of ANSI/AMCA 540-2008): 6/14/2013

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

Reaffirmation

INCITS/ISO 962-1974 (R2013), Implementation of the 7-bit coded character set and its 7-bit and 8-bit extensions on 9-track 12,7 mm (0.5 in) magnetic tape (reaffirmation of INCITS/ISO 962-1974 (R2008)): 6/17/2013

INCITS/ISO 3275-1974 (R2013), Implementation of the 7-bit coded character set and its 7-bit and 8-bit extensions on 3,81 mm magnetic cassette for data interchange (reaffirmation of INCITS/ISO 3275-1974 (R2008)): 6/17/2013

INCITS/ISO 9036-1987 (R2013), Information processing - Arabic 7-bit coded character set for information interchange (reaffirmation of INCITS/ISO 9036-1987 (R2008)): 6/17/2013

INCITS/ISO/IEC 7350-1991 (R2013), Information Technology - Registration of repertoires of Graphic Characters from ISO/IEC 10367:1991 (reaffirmation of INCITS/ISO/IEC 7350-1991 (R2008)): 6/17/2013

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 93-2013, Test Method for Connector/Cable Twist (revision of ANSI/SCTE 93-2007): 6/12/2013

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 274 sp-2013, Laboratory screening of pulp (MasterScreen-type instrument) (new standard): 6/12/2013

ANSI/TAPPI T 282 om-2013, Hexeneuronic acid content of chemical pulp (new standard): 6/14/2013

ANSI/TAPPI T 402 sp-2013, Standard conditioning and testing atmospheres for paper, board, pulp handsheets, and related products (new standard): 6/14/2013

ANSI/TAPPI T 406 om-2013, Reducible sulfur in paper and paperboard (new standard): 6/12/2013

ANSI/TAPPI T 441 om-2013, Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (new standard): 6/14/2013

TIA (Telecommunications Industry Association)

Withdrawal

ANSI/TIA 41.000-E-1[E]-2006, Wireless Radio Telecommunications Intersystems - Introduction to TIA-41 (withdrawal of ANSI/TIA 41.000-E-1[E]-2006): 6/14/2013

ANSI/TIA 102.AAAC-2001, Project 25 Digital Land Mobile Radio, Conformance Test for the P25 DES Encryption Protocol (withdrawal of ANSI/TIA 102.AAAC-2001 (R2007)): 6/17/2013

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 343-2013, Standard for Safety for Pumps for Oil-Burning Appliances (Proposal dated 8/10/12) (new standard): 6/12/2013

Reaffirmation

ANSI/UL 466-2004 (R2013), Standard for Safety for Electric Scales (Proposal dated March 8, 2013) (reaffirmation of ANSI/UL 466-2004 (R2008)): 6/13/2013

ANSI/UL 641-2009 (R2013), Standard for Safety for Type L Low-Temperature Venting Systems (reaffirmation of ANSI/UL 641-2009): 6/12/2013

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, 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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Office: 2025 M Street, NW
Suite 800
Washington, DC 20036-3309

Contact: *James Converse*

Fax: (919) 827-4587

E-mail: jconverse@americanbearings.org; jconverse1@nc.rr.com

BSR ABMA 11-201x, Load Ratings and Fatigue Life for Roller Bearings (revision of ANSI ABMA 11-1990 (R2008))

Stakeholders: Manufacturers and users of roller bearings.

Project Need: Recognize changes in technology since 1990.

Specifies the method of calculating the basic dynamic load rating of rolling bearings within the size ranges shown in the relevant ABMA standards, manufactured from contemporary, commonly used, good-quality hardened steel in accordance with good manufacturing practice.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBox@asme.org

BSR/ISO/ASME 14414-201x, Pump System Energy Assessment (revision and redesignation of ANSI/ASME EA-2-2009)

Stakeholders: Consultants, suppliers, utilities and energy services companies, equipment manufacturers, laboratories, end users, distributors and trade associations, academia, industrial assessment centers, and government.

Project Need: Uses ASME EA-2-2009 as the basis to provide harmonized requirements and practices with what has been developed by the ASME Energy Assessment Committee. ASME EA -2 provides a standardized framework for conducting energy improvement assessments for industrial pumping systems. ASME EA-2 was initiated through the US DOE Industrial Technologies Program concept of Superior Energy Performance as a means to encourage improved industrial energy efficiency and environmental performance. Provides a mechanism to assign greater value to energy efficiency improvements, independently verify energy savings, receive public recognition for achievements, and "raise the bar" for industrial energy efficiency.

This standard sets the requirements for conducting and reporting the results of a pumping system assessment (hereafter referenced as “assessment”) that considers the entire pumping system, from energy inputs to the work performed as the result of these inputs.
These requirements consist of:
(1) organizing and conducting an assessment;
(2) analyzing the data from the assessment;
(3) reporting and documenting assessment findings.
This standard is designed to be applied primarily to open- and closed-loop pumping systems typically used at industrial, institutional, commercial, and municipal facilities. This standard is focused on assessing electrically driven pumping systems, which are dominant in most industrial facilities, but can be applied with other types of drivers (such as steam turbines and engines) and drives (such as belt and variable speed devices).

CSA (CSA Group)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131

Contact: *Cathy Rake*

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

* BSR C22.2 No. 287-201x, Standard/CSA Standard for Plumbing Fittings incorporating Electrical and/or Electronic Features (new standard)

Stakeholders: Consumers, manufacturers, regulators, certification bodies.

Project Need: Plumbing fittings incorporating electrical and/or electronic features are becoming increasingly common in the marketplace today. Currently published safety standards do not sufficiently cover the requirements of theses multi-functional products.

This Standard applies to fittings in associated equipment intended to be connected to supply circuits with voltages 250 V or less (150 volts-to-ground) for use indoor in nonhazardous locations in accordance with the rules of the Canadian Electrical Code, Part I or National Electrical Code (USA). Products may include but not be limited to motion-activated fittings, electronically operated valves, and touch fittings.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

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

BSR INCITS 532-201x, Information technology - Vocabulary Description and Management (new standard)

Stakeholders: The impact on markets dealing with access to many and potentially large data sets is huge. Vocabularies are instrumental in describing and organizing data for understanding, search, and retrieval in semantic web environments.

Project Need: Practitioners developing applications using Linked Open Data and other aspects of the Semantic Web use vocabularies in a very deep and integrated way. The US effort to build Data.Gov is using these techniques.

This standard will cover vocabularies from three points of view: registration procedure, registration model, and content model. The registration procedure describes the process, actors, and steps in the registration of a vocabulary. The registration model describes the metadata required to describe the container for a vocabulary. This metadata is the data held in a registry, and it supports discovery. The content model describes the contents of a vocabulary. This metadata typically would not part of the registry per se, but it will be referenced through the registration metadata.

INCITS/ISO/IEC 10646:2012/Amd 1:2013, Information technology - Universal Coded Character Set (UCS) - Amendment 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters (identical national adoption of ISO/IEC 10646:2012/Amd 1:2013)

Stakeholders: ICT industry.

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

This International Standard specifies an Amendment 1 to ISO/IEC 10646:2012/Amd 1:2013, Information technology - Universal Coded Character Set (UCS) - Amendment 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 1205 sp-201x, Dealing with suspect (outlying) test determinations (new standard)

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 TAPPI Standard Practice provides a procedure for judging whether suspect test determinations should be investigated further for possible rejection. A suspect determination (apparent outlier) is one that appears to deviate markedly from other determinations on the same sample of material. An outlying determination (outlier) is a suspect determination for which the deviation has, in fact, been found to be significant using an appropriate statistical test.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- 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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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

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.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 525-4890
Fax: (703) 276-0793
Web: www.aami.org

ABMA (ASC B3)
American Bearing Manufacturers Association
2025 M Street, NW
Suite 800
Washington, DC 20036-3309
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

AMCA
AMCA International, Inc.
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

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

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

AWS
American Welding Society
8669 Doral Blvd.
Doral, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CSA
CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

EIA (ASC Z245)
Environmental Industry Associations
4301 Connecticut Ave NW
Suite 300
Washington, DC 20008
Phone: (202) 364-3786
Web: www.environmentalistseveryday.org/about-wastec-solid-waste-equipment-technology/index.php

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

ISEA
International Safety Equipment Association
1901 North Moore Street, Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-7133
Web: www.scte.org

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

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

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

IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

17D/486/CD, IEC/TR 61641 Ed.3: Enclosed low-voltage switchgear and controlgear assemblies - Guide for testing under conditions of arcing due to internal faults, 08/16/2013

32C/470/CDV, IEC 60127-3/Ed3: Miniature fuses - Part 3: Sub-miniature fuse-links, 09/20/2013

34B/1703/CD, IEC 60061 f63 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps; Part 2: Lampholders - Proposal for a new fit PGJX36, 08/16/2013

47E/456/CD, IEC 60747-14-6 Ed.1: Semiconductor devices - Part 14 -6: Semiconductor sensor - Humidity sensor, 08/16/2013

47E/457/CD, IEC 60747-14-7 Ed.1: Semiconductor devices - Part 14 -7: Semiconductor sensor - Flow meter, 08/16/2013

47E/458/CD, IEC 60747-14-8 Ed.1: Semiconductor devices - Part 14 -8: Semiconductor sensors - Capacitive degradation sensor of liquid, 08/16/2013

48B/2343/CDV, Connectors for electronic equipment - Tests and measurements - Part 29-100: Signal integrity tests up to 500 MHz on M12 style connectors - Tests 29a to 29g, 09/20/2013

48B/2351/PAS, IEC 61076-3-1xx/Ed1/PAS: Connectors for electronic equipment - Product requirements - Part 3-1xx: Rectangular connectors - Detail specification for unshielded, free and fixed 10 way connectors with push-pull coupling for industrial environments with frequencies up to 100 MHz, 08/16/2013

48B/2352/NP, IEC 61076-3-1XX/Ed1: Connectors for electronic equipment - Product requirements - Part 3-1xx: rectangular connectors - detail specification for unshielded, free and fixed 10 way connectors with push-pull coupling for industrial environments with frequencies up to 100 mhz, 09/20/2013

48B/2353/CD, IEC 60603-7-81/Ed1: Connectors for electronic equipment - Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2000 mhz, 09/20/2013

59F/233/Q, Revision of IEC 60312-1 Ed 1.1: Title: Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance, 07/26/2013

61B/477/FDIS, IEC 60335-2-110/Ed1: Household and similar electrical appliances - Safety - Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators, 08/16/2013

65E/300/CDV, IEC 62714-2/Ed1: Engineering Data Exchange format for use in industrial automation systems engineering -- Automation Markup Language -Part 2: Role class libraries, 09/20/2013

65E/322/CD, IEC 62541-200: OPC Unified Architecture Specification - Part 200: OPC.NET Application Programming Interface (API), 08/16/2013

77C/222/CD, IEC 61000-4-36: Electromagnetic Compatibility (EMC) - Part 4-36: Testing and measurement techniques - IEMI Immunity Test Methods for Equipment and Systems, 09/20/2013

77B/688/CD, IEC 61000-4-31: Electromagnetic compatibility (EMC) - Part 4-31: Testing and measurement techniques - AC mains ports broadband conducted disturbance immunity test, 09/20/2013

77A/815/CDV, IEC 61000-4-19: Electromagnetic compatibility (EMC) - Part 4-19: Testing and measurement techniques - Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports, 09/20/2013

86A/1531/CD, IEC 60794-3-10/Ed3: Optical fibre cables - Part 3-10: Outdoor cables - Family specification for duct, directly buried and lashed aerial optical telecommunication cables, 09/20/2013

86A/1533/CD, IEC 60794-5/Ed2: Optical fibre cables - Part 5: Sectional specification - Microduct cabling for installation by blowing, 09/20/2013

86A/1535/CD, IEC 60794-3/Ed4: Optical fibre cables - Part 3: Sectional specification - Outdoor cables, 09/20/2013

86A/1537/DTR, IEC 62048/TR/Ed3: Optical fibres - Reliability - Power law theory, 08/16/2013

14/755/FDIS, IEC 60076-14 Ed.1: Power transformers - Part 14: Liquid-immersed power transformers using high-temperature insulation materials, 08/16/2013

2/1709/NP, Future IEC 60034-30-2: Rotating electrical machines - Part 30-2: Efficiency classes of variable speed AC motors (IE-code), 09/20/2013

29/812/FDIS, IEC 61672-1: Electroacoustics - Sound level meters - Part 1: Specifications, 08/16/2013

29/813/FDIS, IEC 61672-2: Electroacoustics - Sound level meters - Part 2: Pattern evaluation tests, 08/16/2013

29/814/FDIS, IEC 61672-3: Electroacoustics - Sound level meters - Part 3: Periodic tests, 08/16/2013

29/815/DC, Additional amendment of IEC 62489-1:2010: Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components, 07/26/2013

3/1149/NP, IEC 82079-2 Preparation of instructions for use - Structuring, content and presentation - Part 2: Plants and related systems, 09/20/2013

36/329/CD, IEC 61245 Ed. 1.0 Artificial pollution tests on high-voltage insulators to be used on d.c systems, 09/20/2013

69/250/CD, IEC 61851-1 - Electric vehicle conductive charging system - Part 1: General requirements, 09/20/2013

80/706/CD, IEC 61174 Ed.4: Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results, 08/16/2013

9/1801/CDV, IEC 60850 Ed.4: Railway applications - Supply voltages of traction systems, 09/20/2013

9/1819/FDIS, IEC 61881-3 A1 Ed.1: Amendment 1 to IEC 61881-3 Ed.1: Railway applications - Rolling stock equipment - Capacitors for power electronics - Part 3: Electric double-layer capacitors, 08/16/2013

9/1820/FDIS, IEC 62625-1 Ed.1: Electronic railway equipment - On board driving data recording system - Part 1: System specification, 08/16/2013

9/1821/FDIS, IEC 60494-1 Ed.2: Rolling stock - Pantographs - Characteristics and tests - Part 1: Pantographs for main line vehicles, 08/16/2013

9/1822/FDIS, IEC 60494-2 Ed.2: Rolling stock - Pantographs - Characteristics and tests - Part 2: Pantographs for metros and light rail vehicles, 08/16/2013

9/1823/DTS, IEC 62773 TS Ed.1: Railway applications - A procedure to determine the performance requirements for radio system applied to radio-based train control systems, 09/20/2013

106/276/CD, IEC/IEEE 62704-1: Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz - Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations, 09/20/2013

106/277/CD, IEC/IEEE 62704-2: Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz - Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Exposure from Vehicle Mounted Antennas, 09/20/2013

106/278/CD, IEC/IEEE 62704-3: Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz - Part 3: Specific Requirements for using the Finite-Difference Time-Domain (FDTD) Method for SAR Calculations of Mobile Phones, 09/20/2013

107/210/FDIS, IEC 62396-3 Ed.1: Process management for avionics - Atmospheric radiation effects - Part 3: System design optimization to accommodate the single event effects (SEE) of atmospheric radiation, 08/16/2013

107/211/FDIS, IEC 62396-4 Ed.1: Process management for avionics - Atmospheric radiation effects - Part 4: Design of high voltage aircraft electronics managing potential single event effects, 08/16/2013

110/478/CD, IEC 62341-2-1 Ed.1: Organic light emitting diode (OLED) displays - Part 2-1: Essential ratings and characteristics of OLED display modules, 08/16/2013

20/1449/CD, IEC 60702-3: Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 3: Guide to Use, 09/20/2013

47/2171/FDIS, IEC 62483 Ed.1: Environmental acceptance requirements for tin whisker susceptibility of tin and tin alloy surface finishes on semiconductor devices, 08/16/2013

47/2172/CD, IEC 62435-1 Ed.1: Electronic components - Long-term storage of electronic semiconductor devices - Part 1: General, 09/20/2013

47/2173/CD, IEC 62435-2 Ed.1: Electronic components - Long-term storage of electronic semiconductor devices - Part 2 - Deterioration Mechanisms, 09/20/2013

47/2174/CD, IEC 62435-5 Ed.1: Electronic components - Long-term storage of electronic semiconductor devices - Part 5 - Die & Wafer Devices, 09/20/2013

56/1519/CD, IEC/IEEE 61014/Ed1: Programmes for reliability growth, 09/20/2013

91/1100A/CD, IEC 61249-2-44 Ed.1: Materials for printed boards and other interconnecting structures - Part 2-44: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 07/12/2013

100/2143/CDV, IEC 62104/Ed.3.0: Characteristics of DAB receivers (TA1), 09/20/2013

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

CRANES (TC 96)

ISO 9927-1:2013, Cranes - Inspections - Part 1: General, $112.00

HEALTH INFORMATICS (TC 215)

ISO 21549-1:2013, Health informatics - Patient healthcard data - Part 1: General structure, $53.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

IEC 62264-1:2013, Enterprise-control system integration - Part 1: Models and terminology, $285.00

NATURAL GAS (TC 193)

ISO 13686:2013, Natural gas - Quality designation, $181.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 19232-1:2013, Non-destructive testing - Image quality of radiographs - Part 1: Determination of the image quality value using wire-type image quality indicators, $70.00

ISO 19232-2:2013, Non-destructive testing - Image quality of radiographs - Part 2: Determination of the image quality value using step/hole-type image quality indicators, $60.00

ISO 19232-3:2013, Non-destructive testing - Image quality of radiographs - Part 3: Image quality classes, $80.00

ISO 19232-4:2013, Non-destructive testing - Image quality of radiographs - Part 4: Experimental evaluation of image quality values and image quality tables, $53.00

ISO 19232-5:2013, Non-destructive testing - Image quality of radiographs - Part 5: Determination of the image unsharpness value using duplex wire-type image quality indicators, $53.00

PHOTOGRAPHY (TC 42)

ISO 15739:2013, Photography - Electronic still-picture imaging - Noise measurements, $150.00

ISO 18902:2013, Imaging materials - Processed imaging materials - Albums, framing and storage materials, $80.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 11297-3:2013, Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 3: Lining with close-fit pipes, $104.00

ROAD VEHICLES (TC 22)

ISO 11452-7/Amd1:2013, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 7: Direct radio frequency (RF) power injection - Amendment 1, $20.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1629:2013, Rubber and latices - Nomenclature, $60.00

SOIL QUALITY (TC 190)

ISO 17380:2013, Soil quality - Determination of total cyanide and easily liberatable cyanide - Continuous-flow analysis method, $104.00

WOOD-BASED PANELS (TC 89)

ISO 12466-1/Amd1:2013, Plywood - Bonding quality - Part 1: Test methods - Amendment 1, $20.00

ISO Technical Reports

PACKAGING (TC 122)

ISO/TR 17350:2013, Direct Marking on Plastic Returnable Transport Items (RTIs), $204.00

ISO/TR 17370:2013, Application Guideline on Data Carriers for Supply Chain Management, $192.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19794-4/Amd1:2013, Information technology - Biometric data interchange formats - Part 4: Finger image data - Amendment 1: Conformance testing methodology and clarification of defects, $20.00

ISO/IEC 19794-5/Cor3:2013, Information technology - Biometric data interchange formats - Part 5: Face image data - Corrigendum, FREE

ISO/IEC 18180:2013, Information technology - Specification for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2, $218.00

ISO/IEC 24769-2:2013, Information technology - Real-time locating systems (RTLS) device conformance test methods - Part 2: Test methods for air interface communication at 2,4 GHz, $142.00

IEC Standards

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-98 Ed. 2.0 b:2002, Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers, $74.00

SUPERCONDUCTIVITY (TC 90)

IEC 61788-12 Ed. 2.0 b:2013, Superconductivity - Part 12: Matrix to superconductor volume ratio measurement - Copper to non-copper volume ratio of Nb3Sn composite superconducting wires, $185.00

IEC Technical Specifications

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC/TS 60479-1 Ed. 4.0 b cor.2:2013, Corrigendum 2 - Effects of current on human beings and livestock - Part 1: General aspects, FREE

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

ANSI Accredited Standards Developers

Approval of Accreditation

Interstate Renewable Energy Council (IREC)

ANSI's Executive Standards Council has approved the Interstate Renewable Energy Council (IREC), an ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on IREC-sponsored American National Standards, effective June 19, 2013. For additional information, please contact: Ms. Laure-Jeanne Davignon, Director of Credentialing Program, Interstate Renewable Energy Council, Inc., 125 Wolf Road, Suite 410, Albany, NY 12205; phone: 518.578.4718; e-mail: laurejeanne@irecusa.org.

Approval of Reaccreditation

American Dental Association (ADA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Dental Association (ADA), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ADA-sponsored American National Standards, effective June 14, 2013. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611; phone: 312.440.4129; e-mail: bralowerp@ada.org.

Reaccreditations

American Water Works Association (AWWA)

Comment Deadline: July 22, 2013

The American Water Works Association (AWWA), an ANSI Organizational Member, has submitted revisions to its currently accredited operating policies and procedures for documenting consensus on proposed American National Standards, last reaccredited in February 2011. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of AWWA's revised procedures or to offer comments, please contact: Mr. Paul J. Olson, P.E., Sr. Manager of Standards, American Water Works Association, 6666 W. Quincy Avenue, Denver, CO 80235; phone: 303.347.6178; e-mail: polson@awwa.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised policies and procedures to AWWA by July 22, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

CSA America, Inc. (operating as CSA Group)

Comment Deadline: July 22, 2013

CSA America, Inc. (operating as CSA Group), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on CSA-sponsored American National Standards, last reaccredited in 2008. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of CSA America Inc.'s revised procedures or to offer comments, please contact: Ms. Cathy Rake, Program Manager, Fuel Burning Equipment, CSA Group, 8501 E. Pleasant Valley Road, Cleveland, OH 44131; phone: 216.524.4990; e-mail: cathy.rake@csagroup.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised policies and procedures to CSA America, Inc. by July 22, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Personnel Certification Agencies

Initial Application

Academy of Lactation Policy and Practice (ALPP)

Comment Deadline: July 22, 2013

Academy of Lactation Policy and Practice
PO Box 1288
Forestdale , MA 02644

ALPP has submitted initial application under ANSI/ISO/IEC 17024 for the following scope:

Lactation Counselor Certification

Please send your comments by July 22, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

International Organization for Standardization (ISO)

Call for US/TAG and US/TAG Administrator

ISO/PC 280 – Management Consultancy

The ISO Technical Management Board has created a new ISO Project Committee on Management Consultancy (ISO/PC 280). The secretariat has been assigned to UNI (Italy). The new project committee has the following scope:

Standardization in the field of Management Consultancy.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 281 – Fine Bubble technology

A new ISO Technical Committee ISO/TC 281 – Fine Bubble technology has been formed. ANSI is calling for interest in forming a US/TAG for ISO/TC 281 and an organization who would like to serve as US/TAG Administrator. The Secretariat has been allocated to JISC (Japan). The scope of ISO/TC 282 is as follows:

Standardization of terms and definitions, classifications in sizes and characteristics, and other aspects related to measurements, functions and applications in the field of "fine bubbles". According to known behavior of fine bubbles, there are so-called "ultrafine bubbles" which is better to be defined differently. For example, ultrafine bubbles may be determined as the inside pressure increase by the surface tension effect to be larger than 1 atm for the air bubble in water, which would have the equivalent diameter smaller than about 3 um . This is to be discussed and defined later by the new TC. The new TC deals with both "fine bubbles" and "ultrafine bubbles".

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

New Work Item Proposal

Chain of Custody of Forest Based Products – Requirements

Comment Deadline: July 12, 2013

ABNT (Brazil) and DIN (Germany) have submitted to ISO a new work item proposal for a new ISO standard on Chain of Custody of Forest Based Products – Requirements, with the following scope statement:

Standardization in the field of forest management requirements for a chain-of-custody control system for forest products.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, July 12, 2013.

U.S. Technical Advisory Groups

Applications for Accreditation

U.S. TAG to ISO/TC 59/SC 13 – Buildings and Civil Engineering Works – Organization of Information about Construction Works

Comment Deadline: July 22, 2013

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has submitted an Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO/TC 59/SC 13, Buildings and civil engineering works – Organization of information about construction works, and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Douglas Tucker, Asst. Manager of Standards – International, ASHRAE, 1791 Tullie Circle NE, Atlanta, GA 30329; phone: 678.539.1209; e-mail: dtucker@ashrae.org. Please forward any comments on this application to ASHRAE, with a copy to the ExSC Recording Secretary in ANSI's New York Office (fax: 212.840-2298; e-mail: jthompso@ansi.org) by July 22, 2013.

U.S. TAG to a new ISO Project Committee on Occupational Safety and Health Management

Comment Deadline: July 22, 2013

The American Society of Safety Engineers (ASSE) has submitted an Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to a new ISO Project Committee on Occupational Safety and Health Management (PC number to announced in the near future), and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Timothy R. Fisher, Director, Practices and Standards, American Society of Safety Engineers, 1800 East Oakton Street, Des Plaines, IL 60018; phone: 847.768.3411; e-mail: TFisher@ASSE.org. Please forward any comments on this application to ASSE, with a copy to the ExSC Recording Secretary in ANSI's New York Office (fax: 212.840-2298; e-mail: jthompso@ansi.org) by July 22, 2013.

Information Concerning

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:

- **ISO 310:1992 (Ed 3, vers 4),** Manganese ores and concentrates -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 312:1986 (Ed 3, vers 4),** Manganese ores -- Determination of active oxygen content, expressed as manganese dioxide -- Titrimetric method
- **ISO 554:1976 (vers 6),** Standard atmospheres for conditioning and/or testing -- Specifications
- **ISO 4293:1982 (vers 3),**Manganese ores and concentrates -- Determination of phosphorus content -- Extraction-molybdovanadate photometric method
- **ISO 4296-1:1984 (vers 3),** Manganese ores -- Sampling -- Part 1: Increment sampling
- **ISO 4571:1981 (vers 5),** Manganese ores and concentrates -- Determination of potassium and sodium content -- Flame atomic emission spectrometric method
- **ISO 5890:1981 (vers 5),** Manganese ores and concentrates -- Determination of silicon content -- Gravimetric method
- **ISO 6129:1981 (vers 5),** Chromium ores -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 6130:1985 (vers 3),** Chromium ores -- Determination of total iron content -- Titrimetric method after reduction
- **ISO 7990:1985 (vers 3),** Manganese ores and concentrates -- Determination of total iron content -- Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method
- **ISO 8530:1986 (vers 4),** Manganese and chromium ores -- Experimental methods for checking the precision of sample division
- **ISO 8542:1986 (vers 4),** Manganese and chromium ores -- Experimental methods for evaluation of quality variation and methods for checking the precision of sampling

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.

Information Concerning

International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee entitled “Switchgear and controlgear and their assemblies for low voltage”

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September, 6, 2013 on a proposal by IEC SC17B and IEC SC17D Secretaries for a New Field of Technical Activity – Electrical Energy Storage (EES) Systems.

> Draft Scope: To prepare international standards for low-voltage switchgear and controlgear equipment for industrial, commercial and similar use rated below or equal to 1 kV a.c. and 1,5 kV d.c, electromechanical as well as semiconductor (solid state) equipment. The scope includes open and enclosed separate items of equipment as well as assemblies which are the combinations of items of equipment into complete functional units.
>
> Purpose and Justification: Introduction: After the consultation made by TC 17 (document 17/996/Q) about its structure, the resulting comments (document 17/998/RQ) have pointed the necessity for a stronger coordination between SC 17B and SC 17D which was not easy without any activities at TC 17 level. The document proposes a new organization for low voltage activities.
>
> Business: In mature countries, most of the devices covered by SC 17B are integrated within assemblies covered by SC 17D. Continued effort is required to ensure wider adoption of the standards in less developed markets and countries. The market trend is to optimise solutions in terms of functions and performance, at a high level of safety for each domain of application, for example: infrastructure, building, machinery, etc. This implies a stronger coordination between component and assembly standards committees, especially for new industrial applications, such as PV, windmills, etc.
>
> Technology: The new trends are the incorporation of more electronic parts in switchgear, of more IT subsystems integrated in assemblies, of DC power supply distribution and of aluminum conductors. These are the challenges for future common rules in SC 17B and SC 17D.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.

Information Concerning

International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee on UHV AC transmission systems

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September 6, 2013 on a proposal from the Chinese National Committee for a New Field of Technical Activity – UHV AC transmission systems.

> Draft Scope: Standardization in the field of AC transmission technology at 1000 kV and above, comprising systems-oriented guidance such as that for planning, design aspects, technical requirements, construction, commissioning, reliability, availability, operation and maintenance. Processes for specifying requirements and demonstrating whether the required performance of UHV systems is assured.
>
> Responsibility for equipment standards remains with product TCs, except for specific equipment which is not within the scope of an existing TC but is nevertheless essential for the UHV transmission system. The UHV AC Transmission TC will consult and coordinate with the product TCs in all systems-related aspects of equipment standards.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.

PTC 19.1-20XX

TEST UNCERTAINTY

Proposed Revision of PTC 19.1-2005 “Test Uncertainty”

Par 7-2.2: Adjustment in response to comment

DRAFT XIII

June 2013

of several days. The list of test variation causes are many and may include the above plus environmental and test crew variations. Historic data are invaluable for studying these effects. A statistical technique called analysis of variance (ANOVA) is useful for partitioning the total variance by source [7].

7-2 SENSITIVITY

Sensitivity is the rate of change in a result due to a change in a variable evaluated at a desired test operating point. Two approaches to estimating the sensitivity coefficient of a parameter are discussed below.

7-2.1 Analytically

When there is a known mathematical relationship between the result (R) and its parameters $(\overline{X}_1, \overline{X}_2, ..., \overline{X}_i)$ then the absolute (dimensional) sensitivity coefficient (θ_i) of the parameter $\overline{X}_i$ may be obtained by partial differentiation.

Thus if $R = f(\overline{X}_1, \overline{X}_2, ..., \overline{X}_i)$, then

$$\theta_i = \frac{\partial R}{\partial \overline{X}_i} \qquad (7\text{-}2.1)$$

Analogously, the relative (nondimensional) sensitivity coefficient (θ_i') is

$$\theta_i' = \frac{\dfrac{\partial R}{\partial \overline{X}_i}}{\dfrac{R}{\overline{X}_i}} = \frac{\overline{X}_i}{R}\left(\frac{\partial R}{\partial \overline{X}_i}\right) \qquad (7\text{-}2.2)$$

7.2.2 Numerically

Finite increments in a parameter also may be used to evaluate sensitivity using the data reduction calculation procedure. In this case, θ_i is given by

$$\theta_i = \frac{\Delta R}{\Delta \overline{X}_i} \qquad (7\text{-}2.3)$$

and θ_i' by

$$\theta_i' = \frac{\frac{\Delta R}{R}}{\frac{\Delta \overline{X}_i}{\overline{X}_i}} = \frac{\overline{X}_i}{R}\left(\frac{\Delta R}{\Delta \overline{X}_i}\right) \qquad (7\text{-}2.4)$$

The result is calculated using $\overline{X}_i$ to obtain R [8]. The derivatives and values for ΔR may be estimated using numerical methods. Numerical differentiation is covered in various references [e.g. 9].

To approximate the sensitivity that would be obtained analytically, the value of $\Delta\overline{X}_i$ used should be large~~small~~ enough to keep truncation errors from influencing the calculations and small enough to yield good approximation of the derivative.

7-3 RANDOM STANDARD UNCERTAINTY OF A RESULT

7-3.1 Single Test

The absolute random standard uncertainty of a single test result may be determined from the propagation equation (see Nonmandatory Appendix C) as

$$s_R = \left[\sum_{i=1}^{I}\left(\theta_i s_{\overline{X}_i}\right)^2\right]^{1/2} \qquad (7\text{-}3.1)$$

The relative random standard uncertainty of a result is

$$\frac{s_R}{R} = \left[\sum_{i=1}^{I}\left(\theta_i' \frac{s_{\overline{X}_i}}{\overline{X}_i}\right)^2\right]^{1/2} \qquad (7\text{-}3.2)$$

The symbols θ_i and θ'_i are the absolute and relative sensitivity coefficients, respectively, of Eqs. (7-2.1) or (7-2.3) and (7-2.2) or (7-2.4), and $s_{\overline{X}_i}$, is the random standard uncertainty of the measured parameter average ($\overline{X}_i$), determined according to the methods presented in subsection 6.1.

7-3.2 Repeated Tests

When more than one test is conducted with the same instrument package (i.e., repeated tests), the uncertainty of the average test result may be reduced from that for one test because of the reduction in the random uncertainty of the average. However, systematic uncertainty will remain the same as for a single test provided the measurement system and instrumentation do not change during the test, and influences from environmental effects do not change between tests.

The average result from more than one test is given by

$$\overline{R} = \frac{\sum_{m=1}^{M} R_m}{M} \qquad (7\text{-}3.3)$$

BSR/UL 153, Standard for Safety for Portable Electric Luminaires

1. Add Exception to 123C.5.2 for through-cord fittings on hand lights

123C.5.2 The power supply cord shall be continuous from the attachment plug to the handle without splice, connector, or through-cord power supply.

Exception No. 1: A through-cord power supply is permitted to be spliced into the power supply cord within 30 inches (76.2 cm) of the attachment plug.

Exception No. 2: A receptacle fitting is permitted to be spliced into the power supply cord within 24 inches (61 cm) of the handle.

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

1. Miscellaneous revisions for consistency with the wattage marking

Table 6.1

Wire types and overcurrent protection ratings for series-connected seasonal lighting products

	Non-polarized fittings		Polarized fittings	
	With load fitting	**Without load fitting**	**With load fitting**	**Without load fitting**
Minimum wire size, AWG (mm^2)	22 (0.32)[a]	22 (0.32)[a]	20 (0.52)[a]	22 (0.32)[a]
Wire type	CXTW, XTW[a]	CXTW, XTW[a]	CXTW, XTW[a]	CXTW, XTW[a]
Minimum wire temperature	105°C	105°C	105°C	105°C
Maximum current rating, Amperes	0.6	0.6	0.6	1.8
Total maximum ~~number~~ wattage of strings allowed to be connected together, end-to-end	216 Watts ~~3~~	-	432 Watts ~~6~~	-
Fuse rating, Amperes	3	3	5	3
Fuse location	Grounded and ungrounded conductor	Grounded and ungrounded conductor	Ungrounded conductor (hot)	Ungrounded conductor (hot)
On/Off switch and type (if located in other than a Class 2 circuit)	Double-pole in both conductors	Double-pole in both conductors	Single-pole ungrounded conductor (hot)	Single-pole ungrounded conductor (hot)
See Figure	7.4, 7.6, 7.15	7.3, 7.7, 7.13	7.6, 7.10, 7.16	7.5, 7.9, 7.14

[a] A motorized product shall employ minimum 18 AWG Type SPT-2 wire for the supply connections. See Figures 7.11 - 7.16.

31.2 The maximum current draw of a decorative outfit, as determined during the Input Test, Section 42, with the maximum marked wattage lamps installed, shall be:

a) 1.75 A for a parallel-connected decorative outfit employing 20 AWG (0.52 mm^2) or larger cord and a polarized plug.

Exception: A decorative outfit without a load fitting marked in accordance with 117.5.1 is able to have a maximum current draw of 3.5 A.

b) 0.60 A for a series-connected decorative outfit employing 22 AWG (0.32 mm^2) or larger cord and a non-polarized plug.

Exception No. 1: The maximum current draw for a series- or series-parallel-connected decorative outfit without a load fitting, and employing a polarized attachment plug can be 1.8 A if the product is marked in accordance with 117.5.2.

Exception No. 2: The maximum total wattage (current) draw for a decorative outfit employing ~~up to 3~~ series- or series-parallel connected strings, each employing 22 AWG (0.32 mm^2) or larger cord, the same type and rated lamp, ~~and one string not containing a load fitting~~ is able to be 216 Watts (1.8 A).

c) 8 A for a motorized tree stand employing 16 AWG (1.31 mm^2) wire.

2. Revision to requirements for lighting strings with nonstandard multi-pin connectors

13.3.1 In addition to the applicable requirements in this standard, an attachment plug, cord connector, current tap, power inlet, or other wiring device employed in a seasonal lighting product shall comply with the applicable requirements in the Standard for Attachment Plugs and Receptacles, UL 498, or the Standard for Cord Sets and Power-Supply Cords, UL 817.

Exception No. 1: Series-connected lighting strings or decorative outfits consisting of a series-connected lighting string with decorative covers, with a non-polarized fitting employing an integral controller and a nonstandard multi-pin connector shall comply with the following:

a) A minimum of 2~~3~~ pins shall be provided.

b) The applicable requirements of the Standard for Attachment Plugs and Receptacles, UL 498, or the Standard for Cord Sets and Power Supply Cords, UL 817, and be suitable for making and breaking under load with respect to the Overload, Temperature, and Resistance to Arcing tests described in the Standard for Attachment Plugs and Receptacles, UL 498.

c) The pins shall be recessed such that the male and female connectors are mechanically secured prior to any electrical connection.

d) The connectors shall be subjected to the Rain Test, Section 85, in any position where the pins initially make an electrical connection.

e) The connector shall be keyed so that the wires are connected to the correct circuit.

f) The nonstandard multi-pin connector shall not be between the attachment plug and a controller, nor between the attachment plug and the first lampholder.

Exception No. 2: For seasonal products employing a Universal Serial Bus (USB) connector, the USB connector shall comply with the applicable requirements described in the Standard for Component Connectors for Use in Data, Signal, Control and Power Applications, UL 1977. Seasonal products employing a USB connector shall be considered as being employed in a Class 2 circuit where the available power does not exceed 15 Watts and comply with the applicable requirements.

117.4.2.1 A series- or series-parallel-connected decorative-lighting string or a decorative outfit consisting of a series-connected string with decorative covers, which employs a nonstandard multi-pin connector, shall be marked within 3 inches (76.2 mm) of the face of the load fitting with the word "CAUTION" and the following:

a) "This lighting string is rated ___ Watts (___ Amps), do not overload. Connect end-to-end only lighting strings or decorative outfits of the same model number from the same manufacturer for a maximum total of ___ ~~216~~ Watts (~~1.8~~ ___ Amps)." For the second set of blanks the maximum total shall not exceed 216 Watts (1.8 Amps).

b) "Do not replace or modify any connectors on this product, discard product if connector is damaged."

c) "Make sure connectors are fully inserted and any connector rings are twisted until completely secured such that the ring can no longer be turned and the two portions of the connector are completely assembled."

BSR/UL 867, Standard for Safety for Electrostatic Air Cleaners

1. Prohibition of Components Containing Liquid Mercury

PROPOSAL

2.1.5 No component shall contain liquid mercury.