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: May 18, 2014

ACCT (Association for Challenge Course Technology)

New Standard

BSR/ACCT 03-201x, Challenge Course and Canopy/Zip Line Tour Standards (new standard)

Develops and maintains consensus standards for the challenge course industry. Comments are currently being accepted exclusively for the posted standard revisions. Interested or materially affected persons are invited to comment on these standard revisions. Contact Bill Weaver at bill@acctinfo.org for a copy of the ACCT Comment Response Form.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/BIFMA e3-201x (i21r1), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2012)

This sustainability standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desking systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i59r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i74r2), Equipment for Swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50-2014)

This Standard covers materials, components, products, equipment, and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 53-201x (i97), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2013)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking-water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking-water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org; scruden@nsf.org

RVIA (Recreational Vehicle Industry Association)

Revision

BSR/RIVA UPA-1-201x, Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2009)

This standard covers minimum plan approval requirements to ensure a reasonable degree of safety and health for occupants using recreational vehicles.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Kent Perkins, (703) 620-6003, kperkins@rvia.org

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 961-201x, Standard for Safety for Electric Hobby and Sports Equipment (new standard)

Covers electrically powered hobby and sports equipment rated 250 volts or less, intended for the home entertainment and amusement of adults, in accordance with NFPA 70. These requirements do not cover toys and games intended to be used by children, amusement machines, or photographic equipment. A product that contains features, characteristics, components, materials, or systems new or different, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements, to maintain the level of safety as originally anticipated by the intent of this standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 763-201x, Standard for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2012c)

(1) Filtered ventilation openings; (2) Leakage current limit for stationary ice/beverage dispensers with EMI suppression filtering.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 923-201x, Standard for Microwave Cooking Appliances (revision of ANSI/UL 923-2013)

(1) Revised requirements to allow detachable supply cords for commercial microwave cooking appliances.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664 -2023, Amy.K.Walker@ul.com

Comment Deadline: June 2, 2014

AAMI (Association for the Advancement of Medical Instrumentation)

New Standard

BSR/AAMI PC88-201x, Implants for surgery - Active implantable medical devices - Pacemaker and cardiac resynchronization pulse generator pacing rate responses to a suitable magnetic flux density; the universal recommended replacement time magnet response (URRT-MR) (new standard)

Defines requirements for predictable fixed rate stimulation for temporary and emergency use in patients with an implanted anti-bradycardia or cardiac resynchronization pacemaker.

Single copy price: Free

Obtain an electronic copy from: jmoyer@aami.org

Order from: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253 -8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/IEC 60601-2-2-2009 (R201x), Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (reaffirmation of ANSI/AAMI/IEC 60601-2-2-2009)

This standard specifies requirements for the safety of high frequency (HF) surgical equipment and HF surgical accessories used in medical practice. Some low-powered high frequency surgical equipment (for example, for micro-coagulation, or for use in dentistry or ophthalmology) is exempt from certain requirements of this particular standard.

Single copy price: 130.00 (for nonmembers)/$65.00 (for AAMI members)

Obtain an electronic copy from: http://my.aami.org/store

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/IEC 60601-2-19-2009 (R201x), Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (reaffirmation of ANSI/AAMI/IEC 60601-2 -19-2009)

This standard applies to the basic safety and essential performance of baby incubators. This standard can also be applied to baby incubators used for compensation or alleviation of disease, injury or disability. This standard does not apply to heating devices intended for physiotherapy, radiant warmers, and transport incubators.

Single copy price: 120.00 (for nonmembers)/$60.00 (for AAMI members)

Obtain an electronic copy from: http://my.aami.org/store

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/IEC 60601-2-20-2009 (R201x), Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (reaffirmation of ANSI/AAMI/IEC 60601-2-20-2009)

This standard applies to the basic safety and essential performance of transport incubators. This standard does not apply to heating devices intended for physiotherapy, baby incubators, and radiant warmers.

Single copy price: 120.00 (for nonmembers)/$60.00 (for AAMI members)

Obtain an electronic copy from: http://my.aami.org/store

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/IEC 60601-2-21-2009 (R201x), Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (reaffirmation of ANSI/AAMI/IEC 60601-2-21-2009)

This standard harmonizes with the third edition of IEC 60601-1 and specifies the safety and performance requirements for infant radiant warmers.

Single copy price: 120.00 (for nonmembers)/$60.00 (for AAMI members)

Obtain an electronic copy from: http://my.aami.org/store

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/IEC 60601-2-50-2009 (R201x), Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (reaffirmation of ANSI/AAMI/IEC 60601-2-50-2009)

This standard specifies requirements for infant phototherapy equipment and can also be applied to infant phototherapy equipment used for compensation or alleviation of disease, injury, or disability.

Single copy price: 100.00 (for nonmembers)/$50.00 (for AAMI members)

Obtain an electronic copy from: http://my.aami.org/store

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-6-2007 (R201x), Biological evaluation of medical devices - Part 6: Tests for local effects after implantation (reaffirmation of ANSI/AAMI/ISO 10993-6-2007 (R2010))

AAMI/ISO 10993-6 specifies test methods for the assessment of the local effects after implantation of biomaterials intended to be used in medical devices

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-6&searchoption=ALL

Order from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-6&searchoption=ALL

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-9-1999 (R201x), Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products (reaffirmation of ANSI/AAMI/ISO 10993-9-1999 (R2005))

Provides general principles for the systematic evaluation of biodegradation of medical devices and design and performance of biodegradation studies. Considers both non-resorbable and resorbable materials. Not applicable to: (a) evaluation of degradation which occurs by purely mechanical processes; methodologies for the production of this type of degradation product are described in specific product standards, where available; (b) leachable components which are not degradation products; and (c) medical devices or components that do not contact the patient's body directly or indirectly.

Single copy price: 45.00 (AAMI members)/$90.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-9&searchoption=ALL

Order from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-9&searchoption=ALL

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-11-2006 (R201x), Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (reaffirmation of ANSI/AAMI/ISO 10993-11-2006 (R2010))

Specifies requirements and gives guidance on the procedures to be followed in the evaluation of the potential for medical devices and their materials to cause adverse systemic reactions.

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-11&searchoption=ALL

Order from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-11&searchoption=ALL

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

APCO (Association of Public-Safety Communications Officials-International)

Revision

BSR/APCO/CSAA 2.101.2-201x, APCO/CSAA Standard (ANS) for Alarm Monitoring Company to PSAP CAD Automated Secure Alarm Protocol (ASAP) (revision and redesignation of ANSI/APCO/CSAA 2.101.1-2008)

This standard provides the technical documentation for creating a data exchange to transmit information between an Alarm Monitoring Company and a Public Safety Answering Point (PSAP). The three primary uses include: (1) Initial notification of an alarm event by an alarm monitoring company to a PSAP; (2) Update of status by the PSAP's CAD system to the alarm monitoring company; and (3) Bi-directional update of other events between an alarm monitoring company and a PSAP. The standard also includes case examples and best practices for user agencies and organizations.

Single copy price: Free

Order from: Crystal McDuffie, (919) 625-6864, mcduffiec@apcointl.org; standards@apcointl.org

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

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.27-2002 (R201x), Guidelines for the Measurement and Evaluation of Vibration of Ship Propulsion Machinery (reaffirmation and redesignation of ANSI S2.27-2002 (R2007))

This standard contains guidelines for the measurement and evaluation of vibration of ship propulsion systems including limits for acceptability. It is applicable to all ocean-going ships and inland vessels. Test conditions, instrumentation, data analysis and evaluation, and reporting requirements are described.

Single copy price: $130.00

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)

New Standard

BSR X9.112-2-201x, Wireless Management and Published Security - Part 2: POS and ATM (new standard)

Wireless Technology is providing communication tools for the ubiquitous office and other financial services environments. The currently deployed wireless technology has significant security concerns and issues. This Wireless Management and Security standard is applicable to wireless environments transmitting financial information; and will (i) establish a technology framework in which (ii) risks and requirements will be defined, (iii) management policy and practices will be addressed, and (iv) audit evaluation criteria will be provided suitable for use by a professional practitioner.

Single copy price: $100.00

Obtain an electronic copy from: janet.busch@x9.org

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

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

BICSI (Building Industry Consulting Service International)

Revision

BSR/BICSI 002-201X, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2011)

This is a 3-year revision of ANSI/BICSI 002-2011. All content is being modified as needed, with new material being created to address developments within data center design.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

Order from: Jeff Silveira, (813) 903-4712, jsilveira@bicsi.org

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

CEA (Consumer Electronics Association)

New Standard

BSR/CEA 2045.1-201x, Modular Communications Interface for Firmware Transfer Message Set (new standard)

This specification is an extension of the ANSI/CEA 2045 Modular Communications Interface (MCI) for Energy Management Specification. It presents messages and methods that enable reprogramming the SGD firmware over the MCI interface.

Single copy price: $58.00

Order from: standards@ce.org

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

CEA (Consumer Electronics Association)

New Standard

BSR/CEA 2045.2-201x, Modular Communications Interface for Generic Display Message Set (new standard)

This specification is an extension of the ANSI/CEA 2045 Modular Communications Interface (MCI) for Energy Management Specification. It presents messages and methods that enable generic message display over the MCI interface.

Single copy price: $51.00

Order from: standards@ce.org

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

HL7 (Health Level Seven)

New Standard

BSR/HL7 CDAR2L3IG EMSRUNRPT, R1-201x, HL7 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 1 - US Realm (new standard)

This CDA implementation guide, based on the Domain Analysis Model approved in May 2010, supports emergency medical service in the pre-hospital setting; specifically, it defines a Patient Run Report from the EMS Agency to the ED. Future versions will expand the scope to cover the full EMS domain, including transmissions to regulatory agencies and ad hoc updates and instructions. This guide is supported by Java class files to support document generation and validation, with or without the use of the Model Driven Health Tools application.

Single copy price: Free to members; Free to non-members 90 days following ANSI approval and publication by HL7

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

HPS (ASC N13) (Health Physics Society)

Reaffirmation

BSR N13.59-2008 (R201x), Characterization in Support of Decommissioning Using the Data Quality Objectives Process (reaffirmation of ANSI N13.59 -2008)

This standard provides guidance for performing characterizations of land areas and structures in support of decommissioning.

Single copy price: $40.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, (703) 790-1745, njohnson@burkinc.com

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

IIAR (International Institute of Ammonia Refrigeration)

New Standard

BSR/IIAR 8-201X, Decommissioning of Closed-Circuit Ammonia Refrigeration Systems (new standard)

This standard specifies minimum criteria for removing the ammonia charge and decommissioning of closed-circuit ammonia refrigeration systems.

Single copy price: $40.00 or free until review period is over

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revision

BSR C78.79-201x, Electric Lamps - Nomenclature for Envelope Shapes Intended for use with Electric Lamps (revision and redesignation of ANSI C79.1-2002 (R2007))

This standard describes a system of nomenclature that provides designations for envelope shapes used for all electric lamps. These envelope shapes are intended to be used with ANSI standardized base and holder systems. The included general shapes are not associated with specific base and holder systems, they may be used with one or more of these systems.

Single copy price: $100.00

Obtain an electronic copy from: Karen.Willis@nema.org

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.org

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

NSF (NSF International)

Revision

BSR/NSF 53-201x (i51), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2014 (i95r1))

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=23509

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org;scruden@nsf.org

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

PLASA (PLASA North America)

New Standard

BSR E1.42-201x, Entertainment Technology - Safety Standard for Orchestra Pit Lifts (new standard)

Stage lifts, such as orchestra pit or theater forestage lifts, are not the subject of any current national standard. As result, safety requirements and inspections of them are inconsistent. E1.42 is being written to address this lack of a standard. The scope is limited to safety and to orchestra or forestage lifts that are installed as a part of the building and that are not custom-built for a single theatrical production.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

PLASA (PLASA North America)

New Standard

BSR E1.43-201x, Entertainment Technology - Live Performer Flying Systems (new standard)

This document establishes a minimum level of performance parameters for the design, manufacture, use, and maintenance of performer flying systems used in the production of entertainment events. Performer flying systems within the scope include systems supporting people that give the impression of weightlessness, floating, or flying, and for acrobatic and circus performance acts. All locations of the flight path, including over the stage and audience, are within the scope.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

PLASA (PLASA North America)

New Standard

BSR E1.51-201x, Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance, and Event Industries in Canada (new standard)

E1.51 is intended to offer guidance in accordance with existing applicable standards and regulations in Canada on how to select, install, use, and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

New Standard

BSR/RESNA SS-1-201x, RESNA Standard for Support Surfaces - Volume 1: Requirements and Test Methods for Full Body Support Surfaces (new standard)

This standard applies to full body support surfaces (i.e., mattresses, mattress overlays, and integrated bed systems). Section 2 is intended to differentiate immersion characteristics. Sections 3 and 4 specify methods for the simultaneous measurement of the heat and water vapor dissipating properties of sleep support surfaces under test conditions that simulate body loading with flat and contoured profiles. These methods are intended to help differentiate performance characteristics of sleep support surfaces and are not intended for determining overall performance or for ranking or scoring of such surfaces.

Single copy price: $475.00

Obtain an electronic copy from: ymeding@resna.org

Order from: Yvonne Meding, (703) 524-6686, YMeding@resna.org

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

RVIA (Recreational Vehicle Industry Association)

Revision

BSR A119.5-201x, Standard for Park Model Recreational Vehicles and Campground Units (revision of ANSI A119.5-2009)

This standard covers fire and life safety criteria and plumbing for park model RVs and campground units considered necessary to provide a reasonable level of protection from loss of life from fire and explosion.

Single copy price: $15.00

Obtain an electronic copy from: kperkins@rvia.org

Order from: Kent Perkins, (703) 620-6003, kperkins@rvia.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 25A-201x, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

These requirements cover positive displacement liquid meters for use with motor fuels such as gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

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: Marcia Kawate, (408) 754 -6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 25B-201x, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel (new standard)

These requirements cover positive displacement liquid meters for use with motor fuels diesel fuel, biodiesel fuel, diesel/biodiesel blends, kerosene, and fuel oil.

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: Marcia Kawate, (408) 754 -6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 67-201X, Standard for Safety for Panelboards (Proposal dated 04 -18-14) (revision of ANSI/UL 67-2013a)

The following changes in requirements are being proposed: (1) New requirements for accessibility of live parts on line side of service disconnect; (2) New and revised requirements for inclusion of inlet/outlet requirements for panelboards; (3) Correct standard to address contact area for aluminum joints; (4) Inclusion of meter socket maximum peak let-through current criteria to pass/fail criteria; and (5) Revisions to current ratings of panelboards.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 217-201x, Standard for Safety for Smoke Alarms (Proposal dated 4 -18-2014) (revision of ANSI/UL 217-2012)

Recirculation of proposed changes (dated 4-18-14) for proposed new seventh edition of UL 217 covering electrically operated single and multiple station smoke alarms intended for open area protection in indoor locations and portable smoke alarms used as "travel" alarms in accordance with NFPA 72, NFPA 302, and NFPA 501C.

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: Paul Lloret, (408) 754 -6618, Paul.E.Lloret@ul.com

Comment Deadline: June 17, 2014

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

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

New Standard

BSR/ASSE Z359.11-201X, Safety Requirements for Full Body Harness (new standard)

This standard establishes requirements for the performance, design, marking, qualification, instruction, training, test methods, inspection, use, maintenance and removal from service of full body harnesses (FBH). FBHs are used for fall arrest, positioning, travel restraint, suspension and/or rescue applications for users within the capacity range of 130 to 310 pounds (59 to 140 kg).

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

New Standard

BSR/ASSE Z359.17-201X, Safety Requirements for Horizontal Lifelines for Personal Fall Arrest Systems (new standard)

This standard specifies requirements related to the design, performance, testing, labeling and provisions for pre-engineered flexible horizontal lifeline systems (FHLS) for the attachment of personal protective equipment for protection against falls from a height. These systems are used for arresting falls and may be used for work positioning and travel restraint.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2201-201X, Standard for Safety for Portable Engine-Generator Assemblies (new standard)

The following changes in requirements to the Standard for Portable Engine-Generator Assemblies, UL 2201, are being proposed: (1) Proposed second edition of the Standard for Portable Engine-Generator Assemblies, UL 2201.

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: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI/ISO 17665-3:2013, Sterilization of Health Care Products - Moist Heat - Part 3: Guidance on the Designation of a Medical Device to a Product Family and Processing Category for Steam Sterilization (Technical Report) (technical report)

This part of ISO 17665 provides guidance about the attributes of a medical device to be considered by the user when assigning a medical device to a product family for the purpose of identifying and aligning it to a processing category for a specific moist heat sterilization process.

Single copy price: $90.00 (for AAMI members); $150.00 (for nonmembers)

Obtain an electronic copy from: http://my.aami.org/store/

Order from: http://my.aami.org/store/

Send comments (with copy to psa@ansi.org) to: Colleen Elliott, (703) 253 -8261, celliott@aami.org

Projects Withdrawn from Consideration

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

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

INCITS/ISO/IEC 18033-3:2005/Cor2-2009, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 2 (withdrawal of INCITS/ISO/IEC 18033-3:2005/Cor2-2009)

Inquiries may be directed to Rachel Porter, (202) 626-5741, comments@itic.org

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

INCITS/ISO/IEC 18033-3:2005/Cor3-2009, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Corrigendum 3 (withdrawal of INCITS/ISO/IEC 18033-3:2005/Cor3-2009)

TIA (Telecommunications Industry Association)

BSR/TIA 455-122-A-201x, FOTP-122 Polarization Mode Dispersion Measurement for Single Mode Optical Fibers by Stokes Parameter Evaluation (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 455-158-1997 (R200x), Measurement of Breakaway Frictional Force in Fiber Optic Connector Alignment Sleeves (reaffirmation of ANSI/TIA 455-158-1997 (R2001))

TIA (Telecommunications Industry Association)

BSR/TIA 455-227-2002 (R200x), IEC 61300-3-24: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-24: Examinations and measurements - Keying accuracy of optical connectors for polarization maintaining fibre (reaffirmation of ANSI/TIA 455-227-2002)

TIA (Telecommunications Industry Association)

BSR/TIA 604-7A-2002 (R200x), Fiber Optic Connector Intermateability Standard - Type SG (reaffirmation of ANSI/TIA 604-7A-2002)

TIA (Telecommunications Industry Association)

BSR/TIA 605-1992 (R200x), Facsimile DCE-DTE Packet Protocol Standard (reaffirmation of ANSI/TIA 605-1992 (R2002))

TIA (Telecommunications Industry Association)

BSR/TIA 668-A-1998 (R200x), High Frequency Radio Facsimile (reaffirmation of ANSI/TIA 668-A-1998 (R2003))

TIA (Telecommunications Industry Association)

BSR/TIA 825-A-2003 (R200x), A Frequency Shift Keyed Modem for Use on the Public Switched Telephone Network (reaffirmation of ANSI/TIA 825-A -2003)

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

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

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

ANSI/IEEE C63.011-2000, Limits and Methods of Measurement of Radio Disturbance Characteristics of Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment

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: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI PC88-201x, Implants for surgery - Active implantable medical devices - Pacemaker and cardiac resynchronization pulse generator pacing rate responses to a suitable magnetic flux density; the universal recommended replacement time magnet response (URRT-MR) (new standard)

BSR/AAMI/IEC 60601-2-2-2009 (R201x), Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (reaffirmation of ANSI/AAMI/IEC 60601-2-2 -2009)

BSR/AAMI/IEC 60601-2-19-2009 (R201x), Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (reaffirmation of ANSI/AAMI/IEC 60601-2-19-2009)

BSR/AAMI/IEC 60601-2-20-2009 (R201x), Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (reaffirmation of ANSI/AAMI/IEC 60601-2-20-2009)

BSR/AAMI/IEC 60601-2-21-2009 (R201x), Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (reaffirmation of ANSI/AAMI/IEC 60601-2-21-2009)

BSR/AAMI/IEC 60601-2-50-2009 (R201x), Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (reaffirmation of ANSI/AAMI/IEC 60601-2-50-2009)

BSR/AAMI/ISO 10993-6-2007 (R201x), Biological evaluation of medical devices - Part 6: Tests for local effects after implantation (reaffirmation of ANSI/AAMI/ISO 10993-6-2007 (R2010))

BSR/AAMI/ISO 10993-9-1999 (R201x), Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products (reaffirmation of ANSI/AAMI/ISO 10993-9-1999 (R2005))

BSR/AAMI/ISO 10993-11-2006 (R201x), Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (reaffirmation of ANSI/AAMI/ISO 10993-11-2006 (R2010))

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Paula Watkins*

Phone: (202) 682-8197

Fax: (202) 962-4797

E-mail: watkinsp@api.org

BSR/API RP 3000-201x, Classifying and Loading of Crude Oil into Rail Tank Cars (new standard)

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

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

BSR/ASA S2.27-2002 (R201x), Guidelines for the Measurement and Evaluation of Vibration of Ship Propulsion Machinery (reaffirmation and redesignation of ANSI S2.27-2002 (R2007))

ASSE (ASC Z359) (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 Z359.11-201X, Safety Requirements for Full Body Harness (new standard)

BSR/ASSE Z359.17-201X, Safety Requirements for Horizontal Lifelines for Personal Fall Arrest Systems (new standard)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@ce.org; dwilson@ce.org

BSR/CEA 2045.1-201x, Modular Communications Interface for Firmware Transfer Message Set (new standard)

BSR/CEA 2045.2-201x, Modular Communications Interface for Generic Display Message Set (new standard)

NACE (NACE International, the Corrosion Society)

Office: 1440 South Creek Drive
Houston, TX 77084-4906

Contact: *Everett Bradshaw*

Phone: (281) 228-6203

Fax: (281) 228-6387

E-mail: Everett.bradshaw@nace.org

BSR/NACE MR0175/ISO 15156-201x, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production (national adoption of ISO 15156:2009 with modifications and revision of ANSI/NACE MR0175/ISO 15156:2009)

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR C78.79-201x, Electric Lamps - Nomenclature for Envelope Shapes Intended for use with Electric Lamps (revision and redesignation of ANSI C79.1-2002 (R2007))

RESNA (Rehabilitation Engineering and Assistive Technology Societv of North America)

Office: 1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Phone: (703) 524-6686

Fax: (703) 524-6630

E-mail: YMeding@resna.org

BSR/RESNA SS-1-201x, RESNA Standard for Support Surfaces - Volume 1: Requirements and Test Methods for Full Body Support Surfaces (new standard)

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 489 om-201x, Bending resistance (stiffness) of paper and paperboard (Taber-type tester in basic configuration) (revision of ANSI/TAPPI T 489 om-2013)

BSR/TAPPI T 563 om-201x, Equivalent Black Area (EBA) and count of visible dirt in pulp, paper and paperboard by image analysis (revision of ANSI/TAPPI T 563 om-2012)

BSR/TAPPI T 840 om-201x, Testing adhesives used in glued lap joints of corrugated fiberboard containers (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
Research Triangle Park, NC 27709

Contact: *Anne Marie Jacobs*

Phone: (919) 549-0954

E-mail: annemarie.jacobs@ul.com

BSR/UL 961-201x, Standard for Safety for Electric Hobby and Sports Equipment (new standard)

BSR/UL 2416-201x, Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems (new standard)

Call for Members (ANS Consensus Bodies)

AWWA (American Water Works Association)

Office: 6666 W. Quincy Avenue
Denver, CO 80235
Contact: Steven Posavec
Phone: 303-347-6175
Fax: 303-795-7603
E-mail: sposavec@awwa.org

Standards Committee #213 Disinfectants
Need: Producer and User members
- B300 Hypochlorites
- B301 Liquid Chlorine
- B302 Ammonium Sulfate
- B303 Sodium Chlorite
- B305 Anhydrous Ammonia
- B306 Aqua Ammonia

Standards Committee #259 Polyelectrolytes
Need: Producer and User members
- B451 Poly (Dallyldimethylammonium Chloride)
- B452 EPI-DMA Polyamines
- B453 Polyacrylamide

Standards Committee #278 Softening and Conditioning Chemicals
Need: General Interest, Producer, and User members
- B201 Soda Ash
- B202 Quicklime and Hydrated Lime
- B501 Sodium Hydroxide
- B511 Potassium Hydroxide
- B550 Calcium Chloride

Standards Committee #281 Scale and Corrosion Control Chemicals
Need: Producer and User members
- B404 Liquid Sodium Silicate
- B502 Sodium Polyphosphate, Glassy
- B503 Sodium Tripolyphosphate
- B504 Monosodium Phosphate
- B505 Disodium Phosphate
- B506 Zinc Orthophosphate

Standards Committee #334 Taste and Odor Control Chemicals
Need: Producer and User members
- B512 Sulfur Dioxide
- B601 Sodium Metabisulfite
- B602 Copper Sulfate
- B603 Permanganates

Call for Members (ANS Consensus Bodies)

GBI (Green Building Initiative)

Office: 5410 SW Macadam, Suite 150
Portland, Oregon 97239
Or for correspondence:
GBI Standards
c/o Worden Associates, Inc. (acting secretariat)
PO Box 398
Camden, ME 04843
Contact: *Vicki Worden*
Phone: (207) 236-2920
Fax: (503) 961-8991
E-mail: vicki@wordenassociates.com

BSR/GBI 01-201X, Green Building Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2010)
Interest Areas: Green building, project management, site development, energy, water, resources, emissions, and indoor environment
Deadline: May 23, 2014

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

New Standard

ANSI/AHRI Standard 230-2013, Sound Intensity Testing Procedures for Determining Sound Power of HVAC Equipment (new standard): 4/15/2014

ANSI/AHRI Standard 731 (SI)-2013, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (new standard): 4/15/2014

Revision

ANSI/AHRI 310/380-2014, Standard for Packaged Terminal Air-Conditioners and Heat Pumps (revision of ANSI/AHRI Standard 310/380-2004): 4/15/2014

ANSI/AHRI Standard 250-2013, Performance and Calibration of Reference Sound Sources (revision of ANSI/AHRI Standard 250 -201x): 4/16/2014

ANSI/AHRI Standard 730 (I-P)-2013, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision and redesignation of ANSI/AHRI Standard 730-2005): 4/15/2014

ANSI/AHRI Standard 850 (I-P)-2013, Performance Rating of Commercial and Industrial Air Filter Equipment (revision and partition of ANSI/AHRI Standard 850-2004): 4/16/2014

ANSI/AHRI Standard 851 (SI)-2013, Performance Rating of Commercial and Industrial Air Filter Equipment (revision and partition of ANSI/AHRI Standard 850-2004): 4/15/2014

ANSI/AHRI Standard 1270 (I-P)-2013, Requirements for Seismic Qualification of HVACR Equipment (revision and redesignation of ANSI/AHRI Standard 1270-2011): 4/15/2014

ANSI/AHRI Standard 1271 (SI)-2013, Requirements for Seismic Qualification of HVACR Equipment (revision and redesignation of ANSI/AHRI Standard 1271-2011): 4/15/2014

ANLA (American Nursery & Landscape Association)

Revision

ANSI Z60.1-2014, Standard for Nursery Stock (revision of ANSI Z60.1 -2004): 4/14/2014

ANS (American Nuclear Society)

Revision

ANSI/ANS 8.1-2014, Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors (revision of ANSI/ANS 8.1 -1998 (R2007)): 4/15/2014

ASA (ASC S2) (Acoustical Society of America)

New National Adoption

* ANSI/ASA S2.73-2013/ISO 10819:2013, Mechanical Vibration and shock - Hand-arm vibration - Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (identical national adoption of ISO 10819:2013): 4/16/2014

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASABE S602.1-2014, General Safety Standard for Agricultural Tractors in Scraper Applications (revision and redesignation of ANSI/ASABE S602-2008): 4/11/2014

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI B94.21-1968 (R2014), Gear Shaper Cutters (reaffirmation of ANSI B94.21-1968 (R2009)): 4/11/2014

ANSI/ASME B5.1M-1985 (R2014), T-Slots - Their Bolts, Nuts, and Tongues (reaffirmation of ANSI/ASME B5.1M-1985 (R2009)): 4/11/2014

ANSI/ASME B94.6-1984 (R2014), Knurling (reaffirmation of ANSI/ASME B94.6-1984 (R2009)): 4/15/2014

ANSI/ASME B94.19-1997 (R2014), Milling Cutters and End Mills (reaffirmation of ANSI/ASME B94.19-1997 (R2009)): 4/11/2014

ANSI/ASME B94.55M-1985 (R2014), Tool Life Testing with Single-Point Turning Tools (reaffirmation of ANSI/ASME B94.55M-1985 (R2009)): 4/11/2014

ANSI/ASME MFC-7M-1987 (R2014), Measurement of Gas Flow by Means of Critical Flow Venturi Nozzles (reaffirmation of ANSI/ASME MFC-7M-1987 (R2006)): 4/15/2014

ANSI/ASME MFC-11M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits by Means of Coriolis Mass Flowmeters (reaffirmation of ANSI/ASME MFC-11M-2006): 4/15/2014

ANSI/ASME MFC-12M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits Using Multiport Averaging Pitot Primary Elements (reaffirmation of ANSI/ASME MFC-12M-2006): 4/15/2014

ANSI/ASME MFC-13M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits - Tracer Methods (reaffirmation of ANSI/ASME MFC-13M-2006): 4/15/2014

ANSI/ASME MFC-22-2007 (2014), Measurement of Liquid by Turbine Flowmeters (reaffirmation of ANSI/ASME MFC-22-2007): 4/15/2014

ANSI/ASME PTC 6S-1988 (R2014), Procedures for Routine Performance Tests of Steam Turbines (reaffirmation of ANSI/ASME PTC 6S-1988 (R2009)): 4/11/2014

Revision

ANSI/ASME B31Q-2014, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2010): 4/15/2014

ANSI/ASME Y14.31-2014, Undimensioned Drawings (revision of ANSI/ASME Y14.31-2008): 4/16/2014

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI ATIS 0600010.01-2014, Temperature, Humidity, and Altitude Requirements for Network Telecommunications Equipment Utilized in Outside Plant Environments (revision of ANSI/ATIS 0600010.01 -2008): 4/15/2014

ANSI ATIS 0600319-2014, Equipment Assemblies - Fire Propagation Risk Assessment Criteria (revision of ANSI/ATIS 0600319-2008): 4/15/2014

AWS (American Welding Society)

Reaffirmation

ANSI/AWS A4.2M/ISO 8249:2000-2006 (R2014), Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal (reaffirmation of ANSI/AWS A4.2M/ISO 8249:2000-2006): 4/15/2014

Revision

ANSI/AWS A5.5/A5.5M-2014, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2006): 4/16/2014

AWWA (American Water Works Association)

Revision

ANSI/AWWA B452-2014, EPI-DMA Polyamines (revision, redesignation and consolidation of ANSI/AWWA B452-2006 and ANSI/AWWA B452a-2008): 4/15/2014

ECA (Electronic Components Association)

New Standard

ANSI/EIA 971-2014, 4 mm Embossed Carrier Taping of Micro-Sized Surface Mount Components for Automatic Handling (new standard): 4/15/2014

HL7 (Health Level Seven)

Reaffirmation

ANSI/HL7 EHR BHFP, R1-2008 (R2014), HL7 EHR Behavioral Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR BHFP, R1-2008): 4/11/2014

ANSI/HL7 EHR CHFP, R1-2008 (R2014), HL7 EHR Child Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CHFP, R1-2008): 4/11/2014

ANSI/HL7 V3 PM, R1-2005 (R2014), HL7 Version 3 Standard: Personnel Management, Release 1 (reaffirmation of ANSI/HL7 V3 PM, R1-2005): 4/11/2014

ISA (International Society of Automation)

Revision

ANSI/ISA 75.10.02-2014, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2008): 4/15/2014

NECA (National Electrical Contractors Association)

New Standard

ANSI/NECA 600-2014, Standard for Installing and Maintaining Medium-Voltage Cable (new standard): 4/9/2014

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

ANSI/NEMA HP 9-2014, Electrical and Electronic Ethylene-Propylene Diene Elastomer (EPDM) Insulated Hook-Up Wire, Types EP (rated 125 C;600 V), and EPD (rated 125 C;5000 V) (new standard): 4/15/2014

NEMA (National Electrical Manufacturers Association)

Revision

* ANSI/NEMA OS 1-2014, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 1-2010): 4/15/2014

* ANSI/NEMA OS 2-2014, Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (revision and redesignation of ANSI/NEMA OS 2-2010): 4/15/2014

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60079-11-2014, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i" (Proposal Ballot dated 08-16-13) (national adoption of IEC 60079 -11 with modifications and revision of ANSI/UL 60079-11-2013): 3/28/2014

ANSI/UL 60079-11-2014a, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i" (Proposal Ballot dated 01-24-14) (national adoption of IEC 60079 -11 with modifications and revision of ANSI/UL 60079-11-2013): 3/28/2014

ANSI/UL 60947-4-2-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption with modifications of IEC 60947-4-2): 3/21/2014

ANSI/UL 60947-5-1-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption with modifications of IEC 60947-5-1): 3/28/2014

ANSI/UL 60947-5-2-2014, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-2: Control Circuit Devices and Switching Elements - Proximity Switches (national adoption of IEC 60947-5-2 with modifications and revision of ANSI/UL 60947-5-2 -2007): 3/28/2014

Reaffirmation

ANSI/UL 1777-2009a (R2014), Standard for Safety for Chimney Liners (reaffirmation of ANSI/UL 1777-2009a): 4/15/2014

Revision

ANSI/UL 144-2014, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2012): 4/11/2014

ANSI/UL 448C-2014, Standard for Safety for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2009): 4/9/2014

* ANSI/UL 507-2014, Standard for Electric Fans (revision of ANSI/UL 507-2013): 4/15/2014

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.

AARST (ANSI/AARST MAMF-2012)

Office: P.O. Box 2109
Fletcher, NC 28732

Contact: *Gary Hodgden*

Fax: (913) 780-2090

E-mail: standards@aarst.org

* BSR/AARST RMS-SF-201x, Soil Gas Mitigation Standards for Single-Family Residences (new standard)

Stakeholders: State health departments and radon programs; national proficiency programs; consumers of mitigation services; private measurement, inspection and mitigation companies; manufacturers and vendors of mitigation products; educators and universities; US agencies such as the USEPA and other national and international agencies concerned with soil gas entry into buildings.

Project Need: Expanding activities where the use of soil gas control is applied have resulted in a need for comprehensive standards of practice to address all methods of soil gas control and all hazardous soil gases that may pose health and safety concerns in single family residences, including: radon gas and hazardous chemicals as a result of vapor intrusion.

This standard specifies practices, minimum requirements, and general guidance for reducing soil gas entry into existing single-family residences in order to mitigate occupant exposures to hazardous gases, including radon gas and hazardous chemicals as a result of vapor intrusion.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Paula Watkins*

Fax: (202) 962-4797

E-mail: watkinsp@api.org

BSR/API RP 3000-201x, Classifying and Loading of Crude Oil into Rail Tank Cars (new standard)

Stakeholders: Crude oil producers/suppliers; petrochemical purchasers; railroad companies; rail tank car manufacturers; rail tank car lessors; classifiers of crude oil for transportation; crude oil testing laboratories; crude oil testing equipment manufacturers; petrochemical terminal operators; government agencies.

Project Need: To provide additional guidance specific to classification and quantity measurement of crude oil for rail transportation to what currently appears in the Hazardous Material Regulations.

This document provides guidance on the material characterization, transport classification, and quantity measurement of crude oil, using both lab and field testing techniques, for the loading and unloading of railroad tank cars. The guidance covers the transfer of crude oil into and out of rail tank cars at marine, pipeline and transloading terminals, including cargo tank truck to rail tank car. This document also provides guidance on the documentation of measurement results. This document identifies the criteria for determining the frequency that the crude oil should be sampled and tested.

ASTM (ASTM International)

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

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: cleonard@astm.org; accreditation@astm.org

BSR/ASTM WK45575-201x, New Test Method for Surface Burning Characteristics of Building Materials - Floor Mounted Specimen (new standard)

Stakeholders: Surface Burning industry.

Project Need: This fire-test-response standard for the comparative surface burning behavior of building materials with the test specimen mounted on the floor on the test apparatus.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK45575.htm

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Abraham Murra*

Fax: (909) 472-4150

E-mail: abraham.murra@IAPMOstandards.org

* BSR/IAPMO S1001.4-201x, Energy Production Rating of Solar Heating Collectors (new standard)

Stakeholders: Manufacturers, users, consumers, regulatory authorities.

Project Need: There is no solar collector consensus standard that provides a basis for individual solar collector energy production rating in various climatic conditions. Solar collectors are laboratory tested according to several testing procedures that provide a measured assessment of their energy production over a range of temperatures and insulation conditions; however, the characterization of these test results in an easily understandable and usable format is not addressed by any ANSI standard.

This standard establishes a comprehensive procedure for characterizing the energy production of solar collectors over a range of climatic conditions based on laboratory test results using existing solar collector efficiency testing standards.

MHI (Material Handling Industry)

Office: 8720 Red Oak Blvd. - Ste. 201
Suite 201
Charlotte, NC 28217

Contact: *John Nofsinger*

Fax: 704-676-1199

E-mail: jnofsinger@mhi.org

BSR/MH 10.8.17-201x, Item Unique Identification (IUID) Implementation Guideline (new standard)

Stakeholders: Suppliers/users of products being introduced to the supply chain in the defense industry.

Project Need: Document needed to remove confusion on syntaxes of ISO/IEC 15434 and providing guidance on creating accurate data.

This guideline has been developed as an aid to consistently step a user through the correct processes of validating an implementation of IUID policy specifically in the creation of properly formatted, decoded, and displayed Data Matrix symbols.

NACE (NACE International, the Corrosion Society)

Office: 1440 South Creek Drive
Houston, TX 77084-4906

Contact: *Everett Bradshaw*

Fax: (281) 228-6387

E-mail: Everett.bradshaw@nace.org

BSR/NACE MR0175/ISO 15156-201x, Petroleum and natural gas industries-materials for use in H2S-containing environments in oil and gas production (national adoption of ISO 15156:2009 with modifications and revision of ANSI/NACE MR0175/ISO 15156:2009)

Stakeholders: Oil and gas production, drilling, offshore.

Project Need: This standard has been revised to address the use of corrosion-resistant alloys more extensively, and to update technical information regarding alloys as well as environmental and usage categories.

This standard presents metallic material requirements to provide resistance to sulfide stress cracking (SSC) and/or stress corrosion cracking (SCC) for petroleum production, drilling, gathering, and flow line equipment, and field processing facilities to be used in hydrogen sulfide (H2S)-bearing hydrocarbon service.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341

Contact: *Travis Murdock*

Fax: (610) 363-5898

E-mail: tmurdock@scte.org

BSR/SCTE DVS 1179-201x, Enhanced Scheduling and Notification Interface (ESNI) (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

The Enhanced Scheduling and Notification Interface (ESNI) defines a web interface and corresponding methods allowing content providers to programmatically notify specific video distribution system components of upcoming blackout events (schedules).

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 489 om-201x, Bending resistance (stiffness) of paper and paperboard (Taber-type tester in basic configuration) (revision of ANSI/TAPPI T 489 om-2013)

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 revise the existing TAPPI standard in parallel with the current project to revise TAPPI T 566; the two methods need to be harmonized.

This test method covers a procedure used to measure the resistance to bending of paper and paperboard. This test method is used to determine the bending moment required to deflect the free end of a 38-mm (1.5-in.)-wide vertically clamped specimen 15 degrees from its center line when the load is applied 50 mm (1.97 in.) away from the clamp. The resistance to bending is calculated from the bending moment.

BSR/TAPPI T 563 om-201x, Equivalent Black Area (EBA) and count of visible dirt in pulp, paper and paperboard by image analysis (revision of ANSI/TAPPI T 563 om-2012)

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 revise existing TAPPI standard to update the specifications of the calibration plates so that an authorized laboratory can measure the calibration plates and assign new certification values to them. The standard should also recommend that an authorized laboratory conduct a yearly monitoring program on randomly selected calibration plates so that TAPPI's inventory of plates meets the specifications in the standard.

This method uses image analysis to determine the level of dirt in pulp, paper, and paperboard in terms of Equivalent Black Area (EBA) of dirt specks within the physical area range of 0.02 to 3.0 square millimeters reported in parts per million as well as the number of dirt specks per square meter of sample.

BSR/TAPPI T 840 om-201x, Testing adhesives used in glued lap joints of corrugated fiberboard containers (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 method describes a procedure for evaluating the adhesive used in glued lap joints of corrugated containers. This method describes a laboratory procedure for evaluating glued lap adhesive applied to laboratory-prepared specimens made from the linerboard to be used in the manufacture of corrugated containers. A separate testing procedure for the finished containers is TAPPI T 813, Tensile Test for the Manufacturer's Joint of Fiberboard Shipping Containers.

UL (Underwriters Laboratories, Inc.)

Office: 455 East Trimble Road
San Jose, CA 95131-1230

Contact: *Derrick Martin*

Fax: (408) 754-6656

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

BSR/UL 2416-201x, Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems (new standard)

Stakeholders: Manufacturers of audio/video, information and communication technology equipment cabinet, enclosure, and rack systems; manufacturers of products that are mounted in such systems; data center designers; CO (telecom) facility managers; OSP (outside plant) enclosure users; cell site designers; A/V head end designers; media distribution installers; system integrators; other purchasers of these systems; regulatory authorities (AHJs); safety organizations; and testing laboratories.

Project Need: To obtain recognition of UL 2416 as an American National Standard.

UL 2416 covers requirements for audio/video, information and communication technology equipment cabinet, enclosure, and rack systems. Cabinet, enclosure, and rack systems are considered to be enclosure systems. Enclosure systems are not complete equipment but include components and sub-assemblies that are intended to power, protect, heat, cool, or otherwise support information technology (IT), telecommunications, audio/video (A/V), and similar equipment that will be installed at a later time.

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)
- 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, 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.

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

AARST
American Association of Radon Scientists and Technologists

P.O. Box 2109
Fletcher, NC 28732
Phone: (913) 780-2000
Fax: (913) 780-2090
Web: www.aarst.org

ACCT
Association for Challenge Course Technology

P.O. Box 47
Deerfield, IL 60015
Phone: (800) 991-0286 Ext 913
Fax: (800) 991-0287
Web: www.acctinfo.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

ANLA
American Nursery & Landscape Association

1200 G St, NW
Suite 800
Washington, DC 20005
Phone: (410) 382-5569
Fax: (202) 789-1893
Web: www.anla.org

ANS
American Nuclear Society

555 North Kensington Avenue
LaGrange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

APCO
Association of Public-Safety Communications Officials-International

351 N. Williamson Boulevard
Daytona Beach, FL 32114-1112
Phone: (919) 625-6864
Fax: (386) 944-2794
Web: www.apcoIntl.org

API
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8197
Fax: (202) 962-4797
Web: www.api.org

ASA (ASC S12)
Acoustical Society of America

35 Pinelawn Road
Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 429-4197
Fax: (269) 429-3852
Web: www.asabe.org

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

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

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

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society

8669 NW 36th ST # 130
Miami, FL 33166
Phone: (305) 443-9353, x 301
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

BICSI
Building Industry Consulting Service International

8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.org

CEA
Consumer Electronics Association

1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.ce.org

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

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

HPS (ASC N13)
Health Physics Society

1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

IAPMO (ASC Z124)
International Association of Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

IIAR
International Institute of Ammonia Refrigeration

1001 North Fairfax Street
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

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

MHI
Material Handling Industry

8720 Red Oak Blvd. - Ste. 201
Suite 201
Charlotte, NC 28217
Phone: 704-676-1190
Fax: 704-676-1199
Web: www.mhia.org

NACE
NACE International, the Corrosion Society

1440 South Creek Drive
Houston, TX 77084-4906
Phone: (281) 228-6203
Fax: (281) 228-6387
Web: www.nace.org

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.necanet.org

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

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association

1300 N. 17th Street, Suite 900
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3264
Fax: (703) 841-3364
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

PLASA
PLASA North America

630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903
Phone: (703) 524-6686
Fax: (703) 524-6630
Web: www.resna.org

RVIA
Recreational Vehicle Industry Association

1896 Preston White Drive
P.O. Box 2999
Reston, VA 20191-4363
Phone: (703) 620-6003
Fax: (703) 620-5071
Web: www.rvia.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Road
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
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

UL
Underwriters Laboratories, Inc.

455 East Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6656
Fax: (408) 754-6656
Web: www.ul.com

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.

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC/CD 80601-2-71, Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional oximeter equipment

CERAMIC TILE (TC 189)

ISO/DIS 10545-14, Ceramic tiles - Part 14: Determination of resistance to stains - 7/19/2014, $46.00

DENTISTRY (TC 106)

ISO/DIS 16409, Dentistry - Oral hygiene products - Manual interdental brushes - 7/19/2014, $62.00

FLOOR COVERINGS (TC 219)

ISO/DIS 4918, Resilient, textile and laminate floor coverings - Castor chair test - 7/19/2014

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-21, Industrial automation systems and integration - Product data representation and exchange - Part 21: Implementation methods: Clear text encoding of the exchange structure - 7/13/2014, $33.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11810, Lasers and laser-related equipment - Surgical drapes and patient protective covers suitable for use with lasers - 11/12/2009, $77.00

PHOTOGRAPHY (TC 42)

ISO/DIS 18383, Photography - Digital cameras - Specification guideline - 7/18/2014

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO/DIS 21502, Project and Programme Portfolio Management - 7/19/2014

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

IEC 62304/CD Amd1, Medical device software -- Software life cycle processes - Amendment 1

ROAD VEHICLES (TC 22)

ISO/NP 15031-5, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 5: Emissions-related diagnostic services - 7/18/2014

ISO/NP 15031-6, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 6: Diagnostic trouble code definitions - 7/18/2014

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 19043, Rubber latex - Determination of total phosphate content in latex by spectrophotometric method - 7/18/2014

ISO/DIS 13775-1, Thermoplastic tubing and hoses for automotive use - Part 1: Non-fuel applications - 7/18/2014

ISO/DIS 19013-2, Rubber hoses and tubing for fuel circuits for internal combustion engines - Specification - Part 2: Gasoline fuels - 7/19/2014

TEXTILES (TC 38)

ISO/DIS 18080-1, Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 1: Test method using corona charging - 6/25/2014, $62.00

ISO/DIS 18080-2, Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 2: Test method using rotary mechanical friction - 7/13/2014, $62.00

ISO/DIS 18080-3, Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 3: Test method using manual friction - 7/13/2014, $62.00

ISO/DIS 18080-4, Textiles - Test methods for evaluating the electrostatic propensity of fabrics - Part 4: Test method using horizontal mechanical friction - 7/13/2014, $53.00

VALVES (TC 153)

ISO/DIS 28921-2, Industrial valves - Isolating valves for low-temperature applications - Part 2: Type testing - 7/19/2014

WATER QUALITY (TC 147)

ISO/DIS 13165-3, Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry - 7/18/2014

ISO/IEC JTC 1, Information Technology

ISO/IEC CD 30129, Application of equipotential bonding and earthing in buildings with information technology equipment - 7/18/2014

ISO/IEC CD 18477-2, Information technology - JPEG extensions - Part 2: Coding of high dynamic range images - 7/18/2014

ISO/IEC CD 14543-4-3, Information technology - Home Electronic Systems (HES) - Part 4-3: Application layer - Light version for network enhanced control devices of HES Class 1 - 7/12/2014

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 16457:2014, Space systems - Space environment (natural and artificial) - The Earths ionosphere model: international reference ionosphere (IRI) model and extensions to the plasmasphere, $114.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO 16311-1:2014, Maintenance and repair of concrete structures - Part 1: General principles, $132.00

ISO 16311-2:2014, Maintenance and repair of concrete structures - Part 2: Assessment of existing concrete structures, $189.00

ISO 16311-3:2014, Maintenance and repair of concrete structures - Part 3: Design of repairs and prevention, $139.00

ISO 16311-4:2014, Maintenance and repair of concrete structures - Part 4: Execution of repairs and prevention, $199.00

FIRE SAFETY (TC 92)

ISO 3008-2:2014, Fire-resistance tests - Part 2: Lift landing door assemblies, $149.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 16439:2014, Information and documentation - Methods and procedures for assessing the impact of libraries, $259.00

MICROBEAM ANALYSIS (TC 202)

ISO 22493:2014, Microbeam analysis - Scanning electron microscopy - Vocabulary, $132.00

REFRIGERATION (TC 86)

ISO 5149-1:2014, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Definitions, classification and selection criteria, $189.00

ISO 5149-2:2014, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation, $211.00

ISO 5149-3:2014, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 3: Installation site, $108.00

ISO 5149-4:2014, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery, $139.00

ROAD VEHICLES (TC 22)

ISO 10605/Amd1:2014, Road vehicles - Test methods for electrical disturbances from electrostatic discharge - Amendment 1, $22.00

TOURISM AND RELATED SERVICES (TC 228)

ISO 21101:2014, Adventure tourism - Safety management systems - Requirements, $139.00

TYRES, RIMS AND VALVES (TC 31)

ISO 20562:2014, Tyre valves - ISO core chambers No. 1, No. 2, No. 3 and No. 4, $77.00

VACUUM TECHNOLOGY (TC 112)

ISO 3529-3:2014, Vacuum technology - Vocabulary - Part 3: Total and partial pressure vacuum gauges, $88.00

ISO Technical Reports

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/TR 11233:2014, Space systems - Orbit determination and estimation - Process for describing techniques, $132.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/Amd2:2014, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 2: Signalling of transport files, signalling MVC view association to eye and MIME type registration, $22.00

ISO/IEC 13818-1/Amd3:2014, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 3: Transport of HEVC video over MPEG-2 systems, $22.00

ISO/IEC 13818-1/Amd4:2014, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 4: Support for event signalling in Transport Stream in MPEG-2 systems, $22.00

ISO/IEC 23002-4:2014, Information technology - MPEG video technologies - Part 4: Video tool library, $275.00

ISO/IEC/IEEE 8802-3:2014, Standard for Ethernet, $314.00

IEC Standards

ALARM SYSTEMS (TC 79)

IEC 62851-1 Ed. 1.0 b:2014, Alarm and electronic security systems - Social alarm systems - Part 1: System requirements, $61.00

IEC 62851-2 Ed. 1.0 b:2014, Alarm and electronic security systems - Social alarm systems - Part 2: Trigger devices, $230.00

IEC 62851-3 Ed. 1.0 b:2014, Alarm and electronic security systems - Social alarm systems - Part 3: Local unit and controller, $254.00

IEC 62851-5 Ed. 1.0 b:2014, Alarm and electronic security systems - Social alarm systems - Part 5: Interconnections and communications, $55.00

ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)

IEC 61811-55 Ed. 2.0 b:2002, Electromechanical all-or-nothing relays - Part 55: Blank detail specification - Electromechanical all-or-nothing telecom relays of assessed quality - Two change-over contacts, 11 mm x 7,5 mm (max.) base, $230.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

IEC 60708 Ed. 1.0 b:2005, Low-frequency cables with polyolefin insulation and moisture barrier polyolefin sheath, $206.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-36 Ed. 2.0 b:2014, Medical electrical equipment - Part 2 -36: Particular requirements for the basic safety and essential performance of equipment for extracorporeally induced lithotripsy, $157.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 62035 Ed. 2.0 en:2014, Discharge lamps (excluding fluorescent lamps) - Safety specifications, $278.00

OTHER

IEC Guide 110 Ed. 2.0 en:2014, Home control systems - Guidelines relating to safety, $61.00

SMALL POWER TRANSFORMERS AND REACTORS AND SPECIAL TRANSFORMERS AND REACTORS (TC 96)

IEC 61558-2-10 Ed. 1.0 b:2014, Safety of transformers, reactors, power supply units and combinations thereof - Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V, $97.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-SER Ed. 1.0 b:2014, Wind turbine generator systems - ALL PARTS, $5492.00

IEC Technical Reports

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC/TR 61375-2-7 Ed. 1.0 en:2014, Electronic railway equipment - Train communication network (TCN) - Part 2-7: Wireless Train Backbone (WLTB), $230.00

IEC Technical Specifications

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC/TS 62773 Ed. 1.0 en:2014, Railway applications - Procedure to determine the performance requirements for radio systems applied to radio-based train control systems, $278.00

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

BSR/ADA Specification No. 113-201x

In the PINS section of the December 6, 2013 issue of Standards Action, there was a misprint in the designation for "Periodontal Curettes, Dental Scalers and Excavators" (national adoption of ISO 13397-1-1995, ISO 13397-2-2005, and ISO 13397-2-2005 Amd1-2012 with modifications and revision of ANSI/ADA Specification No. 113-2008). The correct designation is BSR/ADA Specification No. 113-201x, not BSR/ADA Specification No. 118-201x.

ANSI Accredited Standards Developers

Application for Accreditation

Islamic Society of North America (ISNA)

Comment Deadline: May 19, 2014

The Islamic Society of North America (ISNA), a new ANSI Organizational Member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on ISNA-sponsored American National Standards. ISNA's proposed scope of standards activity is as follows:

Development of a standard for Halal Food for use by U.S. food manufacturers. It will cover pre-slaughter conditions and slaughtering methods for poultry and livestock, as well as production, preparation, handling, packaging, labeling an storage of Halal foods for both domestic and export markets.

To obtain a copy of ISNA's proposed operating procedures or to offer comments, please contact: Mr. Ahmed ElHattab, Executive Director, ISNA Development Foundation, Islamic Society of North America, 6555 South County Road 750 East, Plainfield, IN 46168; phone: 317.839.8157; e-mail: aelhattab@isna.net. Please submit your comments to ISNA by May 19, 2014, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of the ISNA's proposed operating procedures from ANSI Online 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.

Approvals of Reaccreditations

ASC N14 – Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee N14, Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials has been approved under its recently revised operating procedures for documenting consensus on ASC N14-sponsored American National Standards, effective April 11, 2014. For additional information, please contact the Secretariat of ASC N14, the Institute of Nuclear Materials Management: Mr. Matt Feldman, P.E., ORNL Used Fuel Group, Oak Ridge National Laboratory, P.O. Box 2008 MS 6170, Oak Ridge, TN 37831-6170; phone: 865.241.8801; e-mail: feldmanmr@ornl.gov.

American Water Works Association (AWWA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Water Works Association (AWWA), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on AWWA-sponsored American National Standards, effective April 11, 2014. For additional information, 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.

Associated Air Balance Council (AABC)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Associated Air Balance Council (AABC), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on AABC-sponsored American National Standards, effective April 11, 2014. For additional information, please contact: Mr. Ray Bert, Director of Communications, Associated Air Balance Council, 1518 K Street NW, Suite 503, Washington, DC 20005; phone: 202.737.0202; e-mail: ray@aabc.com.

ANSI Accreditation Program for Third Party Product Certification Agencies

Grant of Accreditation for Scope Extension

BSI Incorporating NCS International

Comment Deadline: May 19, 2014

Ms. Mary Portelli
Technical Specialist - Food Division
BSI Incorporating NCS International
Suite 2, Level 1, 7 Leeds Street,
Rhodes, Sydney,
NSW 2138, Australia
Phone: 0410-554-825
Cell: 0398177319
Fax: 0398176451
E-mail: mary.portelli@ncsi.com.au
Web: http://www.ncsi.com.au/

On April 14, 2014, BSI Incorporating NSCI was approved for accreditation for the following scope:

Scope:

BRC Global Standard for Storage & Distribution

Please send your comments by May 19, 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, Sr. 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.

Request for Scope Extension

Corporacion Centro De Investigacion y Desarrollo Tecnologico Del Sector Electrico (CIDET)

Comment Deadline: May 19, 2014

Mr. Juan Camilo Cordoba
Senior Professional, Product Certification
Corporacion Centro De Investigacion y Desarrollo Tecnologico Del Sector Electrico (CIDET)
Carrera 46 56-11 Piso 13
Medellin, Colombia
Phone: 57 4 444 1211
Fax: 57 4 293 0460
E-mail: juancamilo.cordoba@cidet.org.co
Web: www.cidet.com.co

On April 14, 2014, Corporacion Centro De Investigacion y Desarrollo Tecnologico Del Sector Electrico (CIDET), an ANSI-Accredited Certification Body, requested a scope extension to include the following:

Request for Scope Extension:

29.080.10 Insulators

Please send your comments by May 19, 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, Sr. 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)

Administration of a U.S. TAG

U.S. TAG to ISO/TC 34/SC 18 – Cocoa

Comment Deadline: April 25, 2014

The American Oil Chemists' Society (AOCS) has requested ANSI to delegate the responsibilities of the administration of the US Technical Advisory Group (TAG) to TC 34/SC 18 to AOCS. The scope of TC 34/SC 18 is as follows:

> Standardization in the field of cocoa, including, but not limited to, terminology, sampling, product specifications, test methods, and requirements and verification criteria for determination of the sustainability and traceability of cocoa respectively.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team isot@ansi.org by April 25, 2014.

Meeting Notice

U.S. TAG to ISO PC283

The next meeting of the U.S. TAG to ANSI for ISO PC283 (45001) for Occupational Health and Safety Systems will take place via conference call on April 25, 2014 from 1:00 p.m. (Eastern Time) until conclusion, which is estimated at two hours. Interested parties should contact Tim Fisher at ASSE for more information on this conference-call meeting:

Tim Fisher, CSP, CAE, CHMM, CPEA, ARM
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
1800 East Oakton Street
Des Plaines, IL 60018
(847) 768-3411
TFisher@ASSE.Org

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 86/SC3 – Testing and Rating of Factory-Made Refrigeration Systems
ISO TC 86/SC7 – Testing and Rating of Commercial Refrigerated Display Cabinets

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 86/SC 3 (Testing and rating of factory-made refrigeration systems) and TC 86/SC 7 (Testing and rating of commercial refrigerated display cabinets). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 86/SC 3 and ISO/TC 86/SC 7 to AHRI (Air-Conditioning, Heating, and Refrigeration Institute). AHRI has advised ANSI of its intent to relinquish its role as delegated secretariat for these committees.

These committees operate under the following scope:

> *Standardization in the fields of refrigeration and air-conditioning, including terminology, mechanical safety, methods of testing and rating equipment, measurement of sound levels, refrigerant and refrigeration lubricant chemistry, with consideration given to environmental protection. The scope includes factory-assembled air-conditioners (cooling), heat pumps, dehumidifiers, refrigerants, and refrigerant reclaiming and recycling equipment as well as other devices, components and equipment such as humidifiers, ventilation equipment and automatic controls used in air-conditioning and refrigeration systems that are not covered by other ISO technical committees.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 86/SC 3 and TC 86/SC 7. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

If no U.S. organization steps forward to assume the ISO/TC 86/SC 3 and TC 86/SC 7 secretariats, or if there is insufficient support for ANSI to assume direct administration of these activities, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of these committees. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.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, literately 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.

Information Concerning

International Electrotechnical Commission (IEC)

Secretariat Needed for New USNC for IEC Renewable Energy System

The IEC Conformity Assessment Board (CAB) has established a 4th Conformity Assessment System to manage new CA Schemes in the renewable energy sector. To be known as the Renewable Energies, it will focus on CA schemes for wind energy, marine energy, and solar photovoltaic energy and, eventually, other technologies. In that context, IECRE will cooperate closely with TC 88: Wind turbines, TC 114: Marine energy and TC 82: Solar photovoltaic energy systems. In the future, this new CA System will likely also include Solar thermal electric plants under TC 117, and fuel cell technologies which are covered by TC 105. Plans are proceeding for the Basic Rules of this CA System to be considered for approval at the June 2014 CAB meeting and for the 1st meeting of the IECRE Management Committee to be held in September 2014 likely hosted by the USNC/IEC in the United States.

To participate in the IECRE System, the US is required to form a Member Body (USNC) under the auspices of the USNC/IEC and its Conformity Assessment Policy Coordinating Committee (CAPCC). This USNC must have a Secretariat which is responsible for the day-to-day administrative and procedural duties necessary for the Committee to operate. Currently, the National Electrical Manufacturers Association (NEMA) serves as Secretariat of two IEC CA Systems, the USNC/IECEE and the USNC/IECEx and the ECC Corp serves as Secretariat of the third, the USNC/IECQ.

Any organization interested in the new IECRE System and in being considered for assignment as Secretariat for the yet to be established USNC/IECRE is invited to contact, as soon as possible, Mr. Charles T. Zegers, General Secretary, USNC/IEC, ANSI, (Phone: 212-642-4965, e-mail: czegers@ansi.org).

Note to Reviewers: This addendum makes proposed changes to the currently proposed standard. These changes are indicated in the text by RED TEXT (for additions) and strikethrough (for deletions). Only these changes to the current standard are open for review and comment at this time.

Chapter 1
DESIGN, PERFORMANCE AND INSPECTION STANDARDS

A. General Requirements

A.3.1. Mandate:

It is mandated throughout this DPI Standard that a course, it's components and equipment be ~~are~~ designed, ~~manufactured and inspected~~ by a Qualified Person and a course, it's components and equipment be manufactured and inspected by ~~or~~ a Competent Person~~. under the supervision of a qualified person.~~

A.4.1.2. Upon completion of a new element or course, the manufacturer shall provide a clear written description of the following to the owner regarding its operation:

- Normal operation and limitations
- Operational instructions and participant safety briefing procedures
- Recommended rescue procedures
- Maintenance, inspection and equipment replacement criteria
- Identification of critical components and systems
- For zip lines, *brake system* operational limits and reasonably anticipated ~~potential~~ hazards.

A.4.1.4. Commissioning of a new element or course or major modification t o a pre-existing element or course shall be performed by a qualified person or by a competent person under the supervision of a qualified person and shall include owner and/or operator orientation, turnover and sign-off. ~~Commissioning may entail load and operational testing.~~

A.4.4. The ACCT DPI Standard may be superseded by regulations for design and operation of courses applied by the jurisdiction having authority.

B. INSPECTION REQUIREMENTS

B.1.3. ~~Operator Operational Inspection: The *organization* shall implement an ongoing system of in-house monitoring and documentation of all components at a frequency recommended by the designer, manufacturer or other qualified person.~~ **Periodic Internal Monitoring:** The organization shall implement and document an on-going system of monitoring all components at an interval specified by the designer, manufacturer or other qualified person.

B.2.2.. ~~Climbing to inspect equipment and components shall be done when safe and accessible to the inspector. Any critical elements or components which cannot be accessed shall be specifically noted in the inspection report and a method for inspecting them shall be developed for future inspections.~~ The designer, manufacturer and/or inspector shall determine methods of evaluation. When an evaluation method requires that the inspector access a component, a safe means of access shall be available. A component shall not pass inspection until it has met evaluation requirements.

B.2.4. ~~In the absence of other supporting information, the inspector may deem verification necessary to properly assess the strength and suitability of the design.~~ In the absence of other supporting information, the inspector may deem proof testing or engineering analysis necessary to properly assess the strength and suitability of the design.

B.2.6. ~~Inspectors shall make a reasonable attempt to identify improper use of elements or equipment based on their physical condition.~~ Inspectors shall communicate to the owner any physical conditions that indicate improper use of elements and equipment.

C. SITE CONSIDERATIONS

C.1.2. ~~Local building and zoning codes shall be followed where applicable.~~ Building and zoning codes and regulations for the jurisdiction having authority shall be followed.

D. ELEMENT SUPPORT STRUCTURES

D.1.1. *A qualified person shall design element support structures* ~~Element support structures shall be designed~~ with consideration given to all live and dead loads so that the entire system, including all constituent components, operate within the *working load limit* required by accepted engineering practice ~~for the material used~~ may be used.

D.2.1. Strength: Trees shall be selected based upon the expected *load from* element(s) and associated structures, including environmentally induced loads, multiplied by an appropriate *safety factor* determined by a qualified person. A qualified person shall determine the suitability of trees required to support the expected load and the need for supplementary support from *guy* ~~cables~~ systems.

D.3.3.1. Fastener Placement: *Fasteners* for *lifelines*, guy cables, *anchorages*, or other critical components that penetrate wood poles shall be installed at least twelve (12) inches (305 mm) from the top of ~~the pole unless there is supplementary protection from the deterioration that normally occurs in this part of a pole. Laminated poles are exempted from this clause.~~ an unprotected pole, including a laminated pole, unless there is supplementary protection from the deterioration that normally occurs in this part of a pole.

D.4.4. Ground Anchors: The head of the

ground anchor or connecting link shall extend above the ground. The anchor shall be installed per manufacturer's ~~specification for installation technique (if available) and orientation with the guy load. Variations from the recommended anchor orientation due to constraints of the installation equipment shall be accounted for when determining anchor strength. Accepted engineering practice shall be followed in the selection and installation of the anchors and verification of their holding capacity.~~ specifications and recommendations. Variations from the installation specifications for any reason shall be considered by a qualified person when specifying the anchor. Accepted engineering practice shall be followed in the verification of the anchor's holding capacity.

D.5.3. Testing Requirements for Critical Ground Anchors: With the exception of engineered footings or structures (e.g. formed concrete), a qualified person shall *proof test* newly installed critical guy ground anchors to a minimum of two times the expected load following accepted engineering practice for testing.

D.5.3.1. ~~Proof tests shall be applied in the direction of the expected load and shall sufficiently demonstrate the anchor's ability to handle the expected load in ground conditions with the lowest foreseeable holding strength determined through a soils investigation.~~ Proof tests shall be applied in the direction of the expected load and follow manufacturer's recommended procedures. A Soils Investigation is required when the anchor's capacity relies on soil conditions.

D.5.3.2. Proof tests shall be performed and documented by a ~~competent person~~ qualified person or a competent person under the direction of a qualified person. Test documentation shall be part of commissioning documents supplied to the owner.

D.5.4. Inspection and Evaluation: Guy system and ground anchor inspection shall include evaluation of design, operational load in the guy(s), anchorages and *connectors*, ground anchor placement, all constituent components and an assessment of any material defect, stress deformity, corrosion, pitting, erosion, ground movement, ground uplift, etc.

D.6.2. Inspection and Evaluation: Inspection and evaluation of elements on existing buildings and structures shall be performed by a qualified person and shall include investigation of structural integrity, element location, expected loads, and an assessment of any deflection and/or deformation and/or cracking in any structural member supporting an element. If any cracks or deformation are found, remedial action is required.

E. LIFE SAFETY SYSTEMS

E.1.2. System Integrity: Life safety systems shall be installed according to the designer or manufacturer instructions and integrity shall be assured in one or more of the following ways:

- **Proof Testing:** A non-destructive static test load equivalent to two times the expected load shall be applied simulating operational conditions of the system. The system is deemed to comply if no permanent deformation or displacement in anchorage or components results from the application of ~~the~~ this load.
- **Specification Verification:** ~~The system meets or exceeds an appropriate applicable and verifiable life safety standard.~~ The components that make up the system are manufactured using an accepted, applicable and verifiable quality assurance process.
- **Redundancy:** A backup (redundant component or system) is implemented that has the same safety factor as that of the primary system.

E.2.2. Vertical Lifeline Strength: Vertical lifeline systems including terminations, anchorage(s), *anchorage connectors*, and backups shall be capable of supporting a minimum load of 5,000 lbf (22.2 kN) without failure or shall be designed to a minimum lifeline system *breaking strength* of two times the expected load as determined by a qualified person. One participant ~~person~~ is permitted at any one time on each vertical lifeline during normal operations.

E.2.3.1. A horizontal lifeline safety factor of not less than 3:1 shall be allowable for wire rope lifelines of nominal diameter greater than ½" (12.7 mm) or die-compressed (swaged) wire rope of nominal diameter of 12mm or greater only if the design has been reviewed and stamped by a licensed professional engineer.

E.2.4. Inspection and Evaluation: Inspection of both metallic and non-metallic rope used in lifelines shall include an assessment of the entire span, including termination points, operational wear and fatigue points. ~~The inspector shall determine if additional non-destructive test method(s) to assess the integrity of the wire rope are necessary.~~ The designer, manufacturer and/ or inspector shall determine if and when additional non-destructive test methods are required in order to assess the integrity of the wire rope.

E.2.4.1. A wire rope lifeline shall be retired from service when any one of the following occurs:

- The reduction in nominal diameter due to tension, wire breaks, surface wear, metal loss or corrosion amounts to ~~5% or more from the original catalog diameter (e.g. ½" – .475")~~ 5% or more from the diameter measured under tension at commissioning.
- The crown (surface) wires are worn by approximately 1/3 or more of their diameter
- There are 6 or more broken wires in one lay
- There are 3 or more broken wires in one strand in one lay
- There are 1 or more broken wires within one wire rope diameter of an attached fitting due

to fatigue

E.2.6.1.1.2. Inspection and Evaluation: Wire rope clip terminations shall be inspected for appropriateness of the termination (application) and negative effects from broken wires at the turn of the eye (if no thimble is present), corrosion, deformities, poor thread condition, nicking damage, etc.

E.2.6.2.2. Inspection and Evaluation: Non- Metallic rope and webbing terminations shall be assessed for integrity based on the appropriateness of the termination (application) and negative effects from wear, abrasion, kinks, cuts, broken fibers, discoloration, the effect of UV exposure, ~~and~~ age, and chemical contamination.

E.4.2.5. ~~Wire Rope Slings~~ Rope and Webbing Slings: Inspection shall include assessment of the anchor system integrity based on the negative effects from wear, improper terminations, improper positioning or movement of the sling under load, flattening, stiffening, distortion of wires or strands, stitching integrity, signs of overloading or excessive load, distortion or wear on structural components supporting the sling.

G.1.1. Strength: The strength of platforms and associated components shall be determined by a qualified person applying accepted engineering practice for appropriate resistance to live and dead loads and consideration to the required capacity of the platform.

G.1.2. Design Considerations: Guardrails and handrails shall not be required when ~~staff and participants are required to use a belay, personal safety system or fall arrest system.~~ individuals are required to be connected to a life safety system.

H. ZIP LINE SYSTEMS

H.1.1.1. The Brake System shall:

- Limit the deceleration of the participant so as to prevent a hazard to the participant
- ~~Perform its function without permanent deformation or failure of any associated components or equipment~~ Be capable of repeated operation without permanent deformation, undue wear, or failure of any associated components or equipment.
- Arrest the motion of the participant regardless of participant orientation
- Not inhibit the participant retrieval procedure in the event that arrest
- occurs before the *zip line landing* area is reached

H.1.2. Design Considerations: Brake Systems shall be designed by a qualified person. The design shall address the following:

- Arrest as a critical function
- Static, dynamic and impact loads in worst-case situations
- ~~Resistance to wear and fatigue considering the anticipated use~~ Resistance to wear and fatigue with consideration given to the anticipated use
- Environmental factors such as extreme temperatures, wind and weather conditions
- The level of risk to the participant posed by the failure of the brake system or any of its components, including potential for pinching, binding, entanglement, etc.

H.1.4.1. ~~In the following circumstances, testing shall be performed on a brake system by a~~ The following circumstances require testing of the brake systems by a competent person to determine proper system operation:

- Prior to commissioning of the zip line
- ~~Whenever a brake system or component is changed, added or replaced~~ Whenever a brake system or component is disassembled and reassembled, changed, added or replaced.

H.2. Zip Line Landing Areas shall:

- Provide sufficient space for brake system operation and *dismount* procedures
- ~~Provide protection from a limit unintended contact with zip lines, people and other components~~ *Prevent potentially harmful contact with zip lines, people and other components with consideration given to participant orientation*.
- Be free from hazards that require participant action to avoid. Objects in the zip line landing area that have the potential to harm participants shall be covered with shock absorbing material adequate for the anticipated impact.

I. EQUIPMENT

I.2.1. Understanding and Interpreting the Standard (Systems Approach) Courses may use equipment assembled into systems of components (hereinafter referred to as 'system') to achieve a variety of purposes. As such, systems may include belay systems ~~and fall arrest systems. When standards of other organizations are referenced, the current edition shall apply.~~, rope rigging systems, personal safety systems and fall arrest systems. Unless specific editions of other standards are referenced, the current edition shall be used.

I.3.1.1. Design Considerations: When creating equipment systems, the ~~designer~~ qualified person shall consider the actual loads at various locations in these systems as well as conditions that may reduce the strength of components or adversely impact their performance.

I.3.1.4. ~~Manufacturer Guidelines:~~ ~~Equipment manufacturer's instruction, recommendations and guidelines shall be considered a baseline for use and operation of the equipment. Where use of the equipment is undertaken variant from that stipulated in the manufacturer's instructions, recommendations, guidelines, and suitability shall be determined, stipulated and documented by a qualified person. The qualified person shall be responsible for thorough risk assessment and for providing appropriate instructions, recommendations, and guidelines for the variant use.~~ **Guidelines for Use of Equipment**: A qualified

person shall specify equipment components and systems and shall document limitations of use if different from standard guidelines.

I.3.2.1. Inspection: ~~Equipment shall be inspected at regular intervals for correct operation and function. Knowledge of the history and use of the equipment is required for proper evaluation. Supporting information may include date of purchase, use log, or other records.~~ Equipment shall be inspected at intervals specified by the manufacturer or qualified person for correct operation and function. Supporting information may include date of purchase, use logs and other records as applicable."

I.3.2.2. Retirement: Retirement of equipment shall be determined ~~in accordance with the manufacturer's instructions.~~ by a qualified person in accordance with STANDARD I.3.1.4.

I.3.2.2.1. Metallic Materials: In the absence of manufacturer's guidance, retirement shall be based solely on an evaluation of wear, deformation, ~~and on assessment of its general condition.~~ cracking, weld anomalies and as assessment of its general condition.

I.3.3. Fall Arrest Systems

~~**I.3.3.1. Strength:** A fall arrest system shall be designed with a minimum rated breaking strength of 5,000 lbf (22.2 kN) or two times the expected load. The expected load shall be determined by a qualified person.~~

~~**I.3.3.2. Impact Force:** The fall arrest system shall limit the maximum arresting force on the person to 900 lbf (4.0 kN) when used with a seat harness or fastened at a sternal connection point, or 1,800 lbf (8.0 kN) when attached to a full body harness with rear dorsal connection point. The free fall distance shall be limited to no more than 6'-0" (1830 mm) unless a greater free fall is a designed part of the element, and the deceleration distance shall be limited to no more than 3'-6" (1070 mm).~~

~~**I.3.3.3. Compatibility:** Individual components within a fall arrest system shall be functionally and operationally compatible with all other components of the fall arrest system. Compatibility shall be determined by a qualified person and may require manufacturer guidance.~~

I.3.4.2. ~~Freefall Limitation:~~ ~~The potential free fall shall be limited to no more than 2'-0" (610 mm).~~ : Free Fall - The distance of a fall before any deceleration force is applied.

I.3.5.2. Impact Force: Belay system and rope rigging system components shall be selected to minimize the arrest force on the participant and ~~the potential for impact with the ground or other hazards.~~ prevent unintended contact with the ground or other hazards.

I.3.5.3. Compatibility: ~~Components used in any belay system or rope rigging system shall be compatible as recommended by the manufacturer or determined by a qualified person.~~ Individual components within a belay or rope rigging system shall be functionally and operationally compatible with all other components in the system. Compatibility shall be determined by a qualified person and may require manufacturer guidance.

I.3.6.2. Material Requirements: Connectors that traverse (slide) on uncoated wire rope under load shall have wear resistant ~~characteristics equivalent to that of steel on the contact surface.~~ (toughness) characteristics equivalent to that of the steel on the contact surface.

I.3.6.3. Quality Assurance: Connectors shall meet the requirements of, and be ~~stamped~~ EN362 compliant with any one of the following: ANSI Z359, CSA Z259, EN 12275, NFPA 1983, or UIAA 121. When used as part of a fall arrest system or other mechanical safety system, the connector shall meet the requirements of one of the following standards: ANSI Z359, ANSI A14.3, CSA Z259, EN 12275or other applicable standard in the jurisdiction of use.

I.3.7.2. Quality Assurance: Material used for lanyards in life safety systems shall comply with the requirements of DPI Standard ~~I.1.14. (Rope and Webbing).~~ I.I.3.12

I.3.8.6. Inspection and Evaluation: Inspection shall include an assessment of the following: operation of moving parts; defects or damage to metallic components including scoring or grooving; loose or damaged bearings or bushings; damage to the axle or fasteners and corrosion. ~~The inspector shall assess the pulley's integrity and suitability for use relative to the severity of any problems found.~~ The inspector shall assess the pulley's integrity and suitability for use.

I.3.10.3. Inspection and Evaluation: Inspection shall include an assessment of the following: presence of significant scoring, grooving, wear or sharp edges that may damage the belay line; damage or defects; proper operation of moving parts and corrosion. The inspector shall assess the ~~impact on the performance of the device from any problems found.~~ shear reduction device's integrity and suitability for use.

I.3.14.1. ~~Helmets used to protect the head from falling objects shall meet UIAA 106, CE 12 492, ANSI Z89.1 or CSA Z94.1 or be approved for use by the manufacturer for use on courses. Alternatives may be specified by a qualified person.~~ A qualified person shall determine whether a helmet is required and the standard the helmet shall meet. Relevant Standards may include UIAA 106, CE 12 492, ANSI Z89.1 or CSA Z94.1.

OPERATION STANDARDS

B. OPERATIONS MANAGEMENT

B.2.3. ~~The organization shall maintain annual professional inspection reports for at least the life of each specific element.~~ The organization shall maintain professional inspections reports for at least the life of each specific element.

B.2.5. ~~The organization shall have a reasonable written plan in place for the management of emergencies.~~ The organization shall have a written plan in place for the reasonable management of emergencies.

B.2.5.1. The organization shall have onsite, when participants are present, a person trained in basic first aid and CPR.

B.2.10. The organization shall have its course(s) inspected by a qualified inspector annually~~. More frequent inspections shall be conducted based on: amount of use, original manufacturer recommendations, major modifications or additions; significant environmental impact; and/or by recommendation of a qualified person.~~ or more frequently as specified by the designer, manufacturer or other qualified person.

B.2.12. The organization shall conduct and document ~~a reasonable and appropriate, periodic internal monitoring of its course and equipment~~. periodic internal monitoring of its course and equipment as designed by the manufacturer or a qualified person.

B.2.13. The organization shall ensure a pre-use check is conducted for each course element and related equipment according to a written checklist. The pre-use check shall be developed by the designer, manufacturer, installer, or qualified person and the check shall be documented prior to participant use.

B.2.18. The organization shall have an appropriate ~~and reasonable~~ participant screening process.

B.2.23. The organization shall perform an annual analysis of all incident documentation. Findings shall be documented in writing. Findings shall be documented, including any remedial measures or changes implemented.

B.3.6. The organization shall have a system in place for training staff and volunteers in necessary skills and competencies, beyond those skills of initial employment, and all training shall be documented.

C. STAFF COMPETENCIES

C.1.12. The organization's staff shall ~~reasonably understand and~~ follow the original manufacturer and/or vendor recommended course use procedures regarding capacities, weights and maximum simultaneous participants.

C.2.1.2. The organization's staff shall continually assess, monitor, and communicate to staff and participants, hazards, including environmental hazards and weather conditions, adjusting or ceasing operations accordingly.

C.2.1.8. The organization's staff shall properly fit and use equipment in accordance ~~with manufacturers' recommendations.~~ to manufacturer and/or qualified person's recommended procedures.

C.2.2.6. The organization's staff shall supervise and ~~reasonably~~ manage an individual or group's effective use of various spotting techniques.

C.2.3.10. The organization's staff shall instruct and ~~reasonably~~ manage relevant canopy/ zip line procedures and techniques which may include and are not limited to:

- Take-off
- Body positioning
- Body orientation and control
- Speed control
- Signals and commands
- Braking
- Landing and dismount
- Retrieval protocol
- Hand placement
- Contingency response procedures

C.2.3.12. The organization's staff shall understand, instruct and ~~reasonably~~ manage canopy tour/zip line participant take off, travel, and dismount.

C.2.3.16. The organization's staff shall access high elements and elevated structures using a personal safety system which shall include and not be limited to:

- Proper clip-in to acceptable anchor points
- Fall arrest, potential fall limit not to exceed six (6) feet ~~unless it is part of the normal activity~~
- Approved positioning equipment used when applicable

C.3.1.1. The organization's staff shall be able to clearly and concisely communicate in a manner appropriate ~~for the groups facilitated~~ to the participants and the course.

C.3.3.3. The organization's staff shall continually assess ~~individual participants, the group, and/or staff throughout the program.~~ participants and staff throughout all aspects of their time on the course.

TRAINING STANDARDS

A. GENERAL REQUIREMENTS

A.1. Scope: The ACCT Standards, Eighth Edition: Training Standards (hereinafter referred to as "Training Standard") establish requirements ~~intended to help course owner/operators design and deliver or purchase training programs that meet minimum industry standards and provide necessary content for staff.~~ intended to enable course owner/operators design and deliver or purchase training curricula that meet the minimum industry standards and provide necessary content for staff.

A.3. General Principles: Successful training provides opportunities for practitioners to develop knowledge, skills and understanding ~~in order to deliver effective and consistent program experiences to participants. Qualified persons, either inside or outside an organization, may deliver training.~~ in order to deliver effective and consistent course experiences to participants.

Annex D - Scorecard (Normative)								
Yes	**?**	**No**	**Section**	**Name**	**Possible points**	**Organization**	**Facility**	**Product**
			5	Materials	26			
			5.1 Prereq.	Design for Environment Program	Required	P		
			5.2	Life Cycle Assessment	3			
			5.2.1	Life cycle framework into product design				1
			5.2.2	LCA using ISO 14040 and ISO 14044				1
			5.2.3	LCA indepedently third-party reviewed				1
			5.3	Climate Neutral Materials	1			1
			5.4	Efficient Use of Materials	2			
			5.4.1	Material efficiency of 60%				1
			5.4.2	Material efficiency of 70%				1
			5.5	Bio-based Non-Wood Renewable Materials	2			
			5.5.1	Select bio-based non-wood renewable materials for use as an element of a new or existing product.				1
			5.5.2	ensure bio-based non-wood renewable renewable material production waste is not destined for disposal.				1
			5.6	Bio-based Renewable Materials - Sustainable Wood	2			
			5.6.1 Basic	A minimum of 20% of the total wood weight of the product conforms to third party certification program for environmentally and socially responsible forest management including chain of custody (minimum) and third party program is publicly declared.				1
			5.6.2 Adv.	A minimum of 30% of the total wood weight of the product conforms to third party certification program for environmentally and socially responsible forest management including chain of custody (minimum) and third party program is publicly declared.				1
			5.7	Recycled Content	3			
			5.7.1 Basic	30% (post-consumer + 1/2 post-industrial) or meet EPA Procurement Guidelines				1
			5.7.2 Adv.	50% (post-consumer + 1/2 post-industrial) or exceed EPA Procurement Guidelines by 20%				1
			5.7.3	Packaging				1
			5.8	Recyclable and Biodegradable Materials	1			1
			5.9	Extended Product Responsibility	3			
			5.9.1	Design for Durability/Upgradeability-Policy				1
			5.9.2	Design for Remanufacturing				1
			5.9.3	Design for Recycling				1
			5.9.4	Other facilitation efforts	3			
			5.9.4.1	Research on recovery options		1		
			5.9.4.2	Buy-back, take-back, leasing as part of strategy/Implementation		2		
			5.10	Solid Waste Management	2			
			5.10.1	100% solid waste diversion goal		1		
			5.10.2	100% solid waste diversion achievement				1
			5.11	Water Management	4			
			5.11.1	Water Inventory of Factory			1	
			5.11.2	Water Efficiency			1	
			5.11.3	Wastewater Discharge			2	
			6	Energy and Atmosphere	29			
			6.1 Prereq.	Develop Energy Policy	Required	P		
			6.2	Energy Boundary	2			
			6.2.1	Energy boundary for 50% of organization		1		
			6.2.2	Energy boundary for 90-100% of organization		1		
			6.3	Energy inventory	4			
			6.3.3	Energy inventory for location of manufacturing facility and/or final assembly			1	
			6.3.1	Energy inventory for 50% of corporate boundary		1		
			6.3.2	Energy inventory for 90% of corporate boundary		1		
			6.3.4	Energy inventory product cradle to gate energy				1
			6.4	Energy Reduction	3			
			6.4.1	Energy Reduction 5%		2		
			6.4.2	Energy Reduction 10%		1		
			6.5	Energy Management	1		1	
			6.6	Lighting products	1			1
			6.7	Product Energy Allocation (embodied energy)	1			1
			6.8	Transportation	2			
			6.8.1	Inbound Transportation		1		
			6.8.2	Outbound Transportation		1		

Annex D - Scorecard (Normative)								
Yes	**?**	**No**	**Section**	**Name**	**Possible points**	**Organization**	**Facility**	**Product**
			6.9	On-site and Off-site Renewable Energy	4			
			6.9.1	on-site renewable energy for 1% OR off-site renewable energy for 5%			1	
			6.9.2	on-site renewable energy for 2% OR off-site renewable energy for 10%			1	
			6.9.3	on-site renewable energy for 3% OR off-site renewable energy for 15%			1	
			6.9.4	on-site renewable energy for 4% OR off-site renewable energy for 20%			1	
			6.10	Greenhouse Gases	5			
			6.10.1	GHG emissions inventory for facility			1	
			6.10.2	GHG emissions inventory for 50% of corporate boundary		1		
			6.10.3	GHG emissions inventory for 90% of corporate boundary		1		
			6.10.4	GHG emissions inventory for Scope 3		1		
			6.10.5	GHG emissions inventory for product materials				1
			6.11	Greenhouse Gases Reduction	3			
			6.11.1	GHG emissions reduction 4%		1		
			6.11.2	GHG emissions reduction 8%		1		
			6.11.3	GHG emissions reduction 12%		1		
			6.12	Greenhouse Gas Reporting	2	2		
			6.13	Greenhouse Gas Allocation	1			1
			7	Human and Ecosystem Health	30			
			7.1.1 Prereq.	Demonstration of Compliance - Compliance with applicable environmental requirements	Required	P		
			7.1.2 Prereq.	Key Chemical, Risk, & EMS Policies - Establish environmental policy	Required	P		
			7.2	Systems and Strategies	4			
			7.2.1	Environmental Management System			2	
			7.2.2	Chemical Management Plan - Facility			1	
			7.2.3	Chemical Reduction Strategy			1	
			7.3	Maintenance and Operations Chemicals	2			
			7.3.1	Maintenance/Operations Chemical Assessment Level			1	
			7.3.2	Reductions from Maintenance/Operations Level			1	
			7.4	Process Chemicals	1			
			7.4.1	Chemical Assessment from Process			1	
			7.4.2	Reduction or Elimination from Processes	4			
			7.4.2.1	5-9% reduction on an absolute basis or 10-19% on a normalized basis			1	
			OR	10-15% reduction on an absolute basis or 20-29% on a normalized basis			2	
			OR	16-19% reduction on an absolute basis or 30-39% on a normalized basis			3	
			OR	greater than 20% reduction on an absolute basis or 40% on a normalized basis			4	
			OR 7.4.2.2	Processes do not contain chemicals of concern (Annex B)			4	
			7.5	Product Level Chemicals	12			
			7.5.1	Product Level (Material Specification)	4			
			7.5.1.1 Basic	MSDS/SDS reportable chemicals identified	1			1
			OR 7.5.1.2 Interm.	Identifies and assesses homogeneous materials for chemicals of concern down to 100 ppm	3			3
			OR 7.5.1.3 Adv.	Identifies and assesses all chemical constituents down to chemicals of concern down to 100 ppm that add up to 75% by weight of final product.	4			2
			OR	Identifies and assesses all chemical constituents down to chemicals of concern down to 100 ppm that add up to 90% by weight of product.				3
			OR	Identifies and assesses all chemical constituents down to chemicals of concern down to 100 ppm that add up to 99% by weight of product.				4
			7.5.2	Elimination from Products	8			8
			7.6	Low Emitting Furniture	3			
			7.6.1	Furniture emissions meet ANSI/BIFM X7.1 2011 at 168 hours				1

Annex D - Scorecard (Normative)								
Yes	**?**	**No**	**Section**	**Name**	**Possible points**	**Organization**	**Facility**	**Product**
			7.6.2	Furniture emissions do not exceed VOC concentration limits in Annex C at 336 hours or sooner when determined by ANSI/BIFMA M7.1-2011				1
			7.6.3	Furniture emissions do not exceed individual formaldehyde concentration limits at 336 hours or sooner when determined by ANSI/BIFMA M7.1-2011.				1
			7.7	Reduction of Hazardous Wastes and Air Emissions	4			
			7.7.1	Hazardous Waste finishing and assembly	1			
				Hazardous Waste - reduction 10% absolute basis over baseline period			1	
			OR	Hazardous Waste - reduction 20% normalized basis over baseline period			1	
			OR	Meets criteria of a conditionally exempt small quantity generator			1	
				Hazardous Waste Fabrication	1			
				Hazardous Waste - reduction 10% absolute basis over baseline period			1	
			OR	Hazardous Waste - reduction 20% normalized basis over baseline period			1	
			OR	Meets criteria of a conditionally exempt small quantity generator			1	
			7.7.2	Air Emissions - finishing and assembly	1			
				Air emissions - reduction 10% absolute basis over baseline period			1	
			OR	Air emissions - reduction 20% normalized basis over baseline period			1	
			OR	Emits less than 1,000 pounds of total HAPS			1	
				Air Emissions - fabrication	1			
				Air emissions - reduction 10% absolute basis over baseline period			1	
			OR	Air emissions - reduction 20% normalized basis over baseline period			1	
			OR	Emits less than 1,000 pounds of total HAPS			1	
			8	Social Responsibility	15			
			8.1.1 Prereq	Management process for health and safety	Required	P		
			8.1.2 Prereq	Labor and Human Rights	Required	P		
			8.1.3 Prereq	Community Outreach and Engagement	Required	P		
			8.2	Policy on Social Responsibility	1	1		
			8.3	Safety Performance	2			
			8.3.1	External Health and Safety Management Standard			1	
			8.3.2	Reduction of Injury Rate			1	
			8.4	Inclusiveness	1		1	
			8.5	Community Outreach and Engagement - Public Disclosure	1	1		
			8.6	Social Responsibility Reporting	3			
			8.6.1 Basic	Public report for social responsibility		1		
			8.6.2 Adv	Public report for social responsibility that follows SA8000 or GRI or other internationally recognized guidelines		2		
			8.7	Supply Chain	4			
			8.7.1 Basic	Documented Supplier Assesment Tool		1		
			8.7.2.1 Adv	Implementation of Supplier Assessment Tool		2		
			8.7.2.2 Adv	Supplier Code of Conduct		1		
			8.8	Excellence in Social Responsibility	3			
			8.8.1	Recognition of Excellence (Non-building)		1		
			8.8.2	Sustainable Building Recognition			2	
				TOTAL PTS	100	31	31	38

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Table 5 – ABS pipe testing frequency

Test	Potable water	DWV	Sewer	~~Well casing~~[1]	DWV cellular core
burst pressure[2]	24 h	—	—	—	—
deflection load and crush resistance	—	—	—	~~annually~~	—
Dimensions					
pipe OD	2 h	2 h	2 h	~~2 h~~	2 h
pipe wall thickness	2 h	2 h	2 h	~~2 h~~	2 h
pipe out-of-roundness	2 h	2 h	2 h	~~2 h~~	2 h
flattening resistance	annually	24 h	annually	~~—~~	24 h
impact @ 22.8 °C (73 °F)[2]	—	24 h	24 h	~~—~~	—
impact @ 0 °C (32 °F)[2]	—	—	—	~~24 h~~	24 h
joint tightness	—	—	annually	~~—~~	—
stiffness	—	24 h[2]	annually	~~—~~	24 h
sustained pressure	annually	—	—	~~—~~	—
tup puncture resistance	—	—	—	~~annually~~	—
ash content	—	—	—	~~—~~	semi-annually
ash composition	—	—	—	~~—~~	semi-annually
product standard	ASTM D1527 ASTM D2282	ASTM D2661 CSA B181.1	ASTM D2751	~~ASTM F480~~	ASTM F628

~~[1] Impact testing shall be performed in accordance with ASTM F480 as referenced in 2 and the specified impact classification of IC-1, IC-2, or IC-3.~~

[1~~2~~] If one material is continuously used in several machines or sizes, and when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day, rotated in sequence among all machines or sizes.

[2] Testing not required for pipe listed only to CSA B181.1

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Revision to NSF/ANSI 50 – 2012
Issue 74, Revision 2 (February 2014)

NSF/ANSI Standard 50 –

Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

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Note: This section to be located after WQTD, currently section 19.

X Heat exchangers, heaters, coolers, and solar water heating systems

●
●
●

X.2 Performance

Heaters and associated components shall meet the applicable performance requirements of this section based upon their design and construction including related components such as fittings, couplings, valves, controllers, etc.

●
●
●

X.2.6 Head loss curve

Manufacturers shall make available a head loss curve for the ~~heater~~ equipment and associated components.

~~Heaters~~ Equipment and associated components shall not exceed the head loss indicated by the manufacturer's head loss curve when tested in accordance with manufacturers' installation orientation and plumbing design.

●
●
●

X.3 Operation and installation instructions

The manufacturer shall provide written operation and installation instructions with each unit. The instructions shall include drawings, charts, and parts list necessary for the proper installation, operation, repair and maintenance of the heater and its associated components.

The operation and installation instruction shall contain the following information:

– A heater's maximum flow rating (LPM, GPM) shall be specified based on the nominal pipe size (or less if requested by the manufacturer) intended to plumb the pressure line. The maximum velocity for any nominal pipe size connection to the heater shall not exceed 3.05 MPS (10 FPS) to minimize potential corrosion and scale formation;

– A warning that the ~~heater~~ equipment is to be installed in full compliance with the manufacturers recommendations as well as the local regulatory and building code requirements

for gas supply, electrical connections, air exchange and ventilation. Corrosive chemicals should be stored away from the heater to minimize potential damage to the exterior of the heater;

– A warning that the ~~heater~~ equipment is not to be installed immediately after the injection point for low pH or acidic chemicals to minimize potential corrosive damage to the inside of the heater;

– Reference to recommended use chemicals, maximum, and minimum concentrations (i.e., salt level, total alkalinity, calcium hardness, etc.);

– Applicable caution and warning statements shall be prominently displayed;

Example: If system flow is allowed to stagnate in a solar collector there is potential risk of high water temperatures. Consider draining the system otherwise water in solar collectors can reach high temperatures and create hot liquid/gas. If hot liquids or gas are not purged from the system it could adversely affect plumbing, or the safety of swimmers near water return fittings.

– Instructions or guidance for proper size selection and installation;

– Heaters should not be installed downstream of any chemical injection point;

– A statement of the manufacturer's warranty, if any; and

– Applicable diagrams and a parts list to facilitate the identification and ordering of replacement parts or other supply and installation needs.

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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water Treatment Units – Health Effects

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Annex A
(normative)

Test method for detecting and enumerating *Cryptosporidium parvum* oocysts

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A.6 Procedure

A.6.1 Sample collection

Influent samples shall be collected in 1-L bottles containing 1 mL 1.0% polyoxyethylene sorbitan mono-oleate (0.01%). ~~and 20 mL 37% formaldehyde solution as a disinfectant and shall be refrigerated until analyzed.~~ All samples shall be refrigerated until analyzed. Influent samples shall be collected in triplicate.

3 L of the effluent shall be collected. The first liter of effluent shall be used as the test sample. The test samples shall be collected in 1-L bottles containing 1 mL 1.0% polyoxyethylene sorbitan mono-oleate (0.01%). ~~and 20 mL 37% formaldehyde solution as a disinfectant and shall be refrigerated until analyzed.~~ All samples shall be refrigerated until analyzed. The second and third liters of effluent shall be used for quality control samples. The second and third liters of effluent shall be composited and poured into two 1-L bottles each containing 1 mL 1.0% polyoxyethylene sorbitan mono-oleate (0.01%) ~~and 20 mL 37% formaldehyde solution as a disinfectant and shall be refrigerated until analyzed.~~ All samples shall be refrigerated until analyzed.

Samples shall be stained and mounted within 24 h of collection.

Reason: Language revised per 2013 DWTU JC meeting discussion (May 15-16, 2013) to remove reference to formaldehyde for the disinfection of samples. It is recognized that disinfection can be done through alternate means (e.g., autoclaving).

2014 UPA-1 CODE CHANGE PROPOSALS

Log #1, 1-2.1 Applicability

Remove the word “minimum” from the sentence

1-2.1 Applicability. This standard covers ~~minimum~~ plan approval requirements to ensure a reasonable degree of safety and health for occupants using recreational vehicles.

Log #2, 3-4 Drawings

Delete the phrase “LPG and/or oil” and change to “Propane piping system” so as to read as follows:

3-4 Drawings and documents for each model shall include the following: a) Floor plan; b) Electrical system; (c) Heating system; (d) Drainage system; (e) Potable water system; and (f) ~~LPG and/or oil~~ Propane piping system. These drawings shall be schematic, isometric, orthographic, or pictorial, including 3-D images. Drawings can be individual or in combination with each other providing the information is clearly detailed and legible.

Log #3, 3-4.1(A)(3) Propane

Delete the term “LP” and replace with the term “propane” so as to read as follows:

(3) Location of major devices (e.g., cooking range, water heater, furnace, refrigerator, microwave, generator, converter/inverter, ~~LP~~ propane tank).

Log #4, 3-4.1(B)(1) Means of Escape

Revise current (B)(1) to reflect new terminology regarding “means of escape” to read as follows:

(1)Location of primary ~~exit~~ means of escape and location and size of ~~alternate exits(s)~~ secondary means of escape.

Log #5, 3-4.1(B)(3) Alarms

Remove the word “detector” and change to “alarm(s)” so as to read as follows:

(3) Location of smoke ~~detector(s)~~ alarms(s).

Log #6, 3-4.1(B)(5) Propane

Remove the term “LP-gas” and change it to “propane’ so as to read as follows:

(5) Location of ~~LP-gas~~ propane detector

Log #7, 3-4.1(B)(7) Fuel

Delete the word “gasoline” so as to read as follows:

(7) Location of ~~gasoline~~ fuel-dispensing hose nozzle.

Log # 8, 3-4.1(C)(1) Propane

Delete the term "LP-gas" and replace with the word "propane" so as to read as follows:

(1) Location of ~~LP-gas~~ propane container(s). Location of return air grills and heat supply ducts.

Log # 9 3-4.1(C)(31) Piping System

Delete the phrase "LPG/oil fuel" and replace with the word "Propane piping system" so as to read as follows:

(3) Propane/~~LPG/oil fuel~~ piping system design and components…

Log # 10, 3-4.1(C)(7) Liquid Fuel

Delete the word "gasoline" and replace with the term "liquid" so as to read as follows:

(7) Location of ~~gasoline~~ liquid fuel filler spouts.

Log # 11, 3-4.1(E)(4) Venting

Add the following to include venting and locations so as to read:

3-4.1(E)(4) Drainage and venting system's pipe diameters, vent locations (including waterless vents), fitting types and sizes.

Log #12, 3-5(B)(1) Propane

Delete the acronym "LPG" and replace with the term "propane" so as to read as follows:

(1) Method of securing ~~LPG~~ propane containers

Log #12, 3-5(B)(1) Propane

Delete the acronym "LPG" and replace with the term "propane" so as to read as follows:

(1) Method of securing ~~LPG~~ propane containers

Log #13, 3-5(B)(2) Propane

Delete the acronym "LPG" and replace with the term "propane" so as to read as follows:

(2) Method used to protect the ~~LPG~~ propane tank from the vehicle's exhaust system heat.

Log #14, 3-5(B)(3) Propane

Delete the acronym "LPG" and replace with the term "propane" so as to read as follows:

(3) Location of ~~LP-gas~~ propane relief discharge in relation to openings into the unit…

Log #15, 3-5(B)(5) Fuel Filler

Add the word "spout" and also the word "the" as it is placed wrong in the sentence so as to read:

(5) Location of combustion air inlet or flue gas outlet of ~~the~~ all the fuel-burning heat appliances in relation to the gasoline filler spout.

UL 961, Standard for Electric Hobby and Sports Equipment

1. Batteries and battery chargers

(NEW)

20A Batteries and battery chargers

20A.1 A lithium ion (Li-On) single cell battery shall comply with the requirements for secondary lithium cells in the Standard for Lithium Batteries, UL 1642. A lithium ion multiple cell battery and a lithium ion battery pack shall comply with the applicable requirements for secondary lithium cells or battery packs in the Standard for Household and Commercial Batteries, UL 2054.

20A.2 Primary batteries (non-rechargeable) that comply with the relevant UL standard and 20A.1 are considered to fulfill the requirements of this standard.

20A.3 A Class 2 battery charger shall comply with one of the following:

a) The Standard for Class 2 Power Units, UL 1310; or

b) The Standard for Information Technology Equipment, Part 1: General Requirements, UL 60950-1with an output marked "Class 2", or that complies with the limited power source (LPS) requirements and is marked "LPS".

20A.4 A non-Class 2 battery charger shall comply with one of the following:

a) The Standard for Power Units Other Than Class 2, UL 1012; or

b) The Standard for Information Technology Equipment, Part 1: General Requirements, UL 60950-1.

BSR/UL 763, Standard for Motor-Operated Commercial Food Preparing Machines

1. Filtered Ventilation Openings

PROPOSAL

33.1.9 In accordance with 18A.1, a machine incorporating an air filter ~~over~~ at ventilation openings shall be tested under maximum normal load with a clean filter in place. The test shall be repeated with the air filter blocked 50 percent. For the blocked condition, the 50 percent blockage is stated as a percentage of the total air flow of a new filter through the effective area of the filtered opening. The 50 percent air flow shall be maintained across the effective area of the filtered opening. ~~and shall be representative of the most severe and likely condition based upon the ventilation design.~~ The filter shall be of the type recommended by the manufacturer and installed in accordance with the instructions.

Exception: In accordance with 18A.4 and 49A.1, the test may be conducted with a clean filter and with the air filter completely (100%) blocked.

2. Leakage Current Limit for Stationary Ice/Beverage Dispensers with EMI Suppression Filtering

PROPOSAL

35.1 When tested in accordance with 35.3 - 35.8, the leakage current of a cord- and plug-connected ice dispenser or counter-top, portable machine weighing 40 lbs or less, rated for a nominal 120- or 240-volt single-phase supply shall not exceed 0.5 mA.

Exception: Those conductive parts of a stationary ice dispenser that comply with all of the specifications in items (a) through (d) below shall have a leakage current from simultaneously accessible parts to the grounded supply conductor no greater than 3.5 mA. The leakage current between simultaneously accessible parts shall not exceed 0.5 mA.

a) The product is provided with electromagnetic interference (EMI) suppression filtering;

b) The product is equipped with a grounding-type supply cord and plug;

c) The product is not intended for outdoor installation; and

d) ~~There is a low probability~~ It is considered unlikely that high leakage conductive parts will be contacted during normal use.

1) The front of an ice dispenser is considered likely to be contacted in normal use. ~~However, the recessed area where ice or beverages are dispensed (backsplash surround) is considered to have a low probability of contact during normal use.~~

2) The recessed area where ice or beverages are dispensed (backsplash surround) is considered an area unlikely to be contacted during normal use.

~~2~~ 3) The sides of an ice dispenser are considered likely to be contacted in normal use, unless installation instructions are provided for installing in a manner that the sides are protected from unintentional contact, such as in a recessed area.

~~3~~ 4) The cover of a manually-filled ice hopper is considered likely to be contacted in normal use when refilling the ice hopper.

BSR/UL 923, Standard for Microwave Cooking Appliances

1. Revised Requirements to Allow Detachable Supply Cords for Commercial Microwave Cooking Appliances

PROPOSAL

13.2.1.1 A cord-connected microwave cooking appliance (an appliance intended to be connected to the power-supply circuit by means of a flexible cord) shall be provided with a length of attached flexible cord and an attachment plug for connection to the supply circuit. The type of flexible cord shall be as indicated in Table 13.1, or shall have such properties that it will be at least equally serviceable for the application. The length of attached cord shall be within the limits indicated in Table 13.2.

Exception: A suitable detachable cord may be provided for commercial microwave cooking appliances when the following conditions are met:

a) The cord type is one of the types specified in Table 13.1;

b) The cord set length complies with Table 13.2;

c) The attachment plug for connection at the appliance is suitable for the appliance rating;

d) The appliance is marked as specified in 73.10.1; and

e) The appliance is provided with instructions in accordance with 75.1.3(a)(9).

13.2.1.6 Appliance couplers and appliance inlets (motor attachment plugs) shall comply with the Standard for Attachment Plugs and Receptacles, UL 498 and be suitable for appliance rating.

Exception: Appliance couplers integral to cord sets or power supply cords that are investigated in accordance with the Standard for Cord Sets and Power Supply Cords, UL 817 are not required to comply with UL 498.

31.14 ~~Upon insertion of a~~ For appliances provided with detachable power cord, removable heating element, or other removable parts required to be grounded, the appliance grounding connection shall be made before ~~the electrical~~ connection to, and~~, upon removal, the grounding connection shall be~~ broken after ~~the electrical connection~~ disconnection from the supply circuit.

73.10.1 With reference to the exception of 13.2.1.1, when the appliance is provided with a detachable cord set, the appliance shall be marked, "CAUTION - Risk of fire, electrical shock and exposure to excessive microwave energy. Replace only with manufacturer's cord set, part No. _____" or equivalent wording. The marking shall be located adjacent to the power supply cord receptacle/inlet on the appliance. The marking shall additionally be provided in the manufacturer's literature packaged with the appliance as specified in 75.1.3.

75.1.3 The important instructions in the manual shall include the appropriate instructions in (a), or the equivalent; and the appropriate instructions in (b) - (e), as applicable, or the equivalent.

a) ALL APPLIANCES:

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

WARNING - To reduce the risk of burns, electric shock, fire, injury to persons, or exposure to excessive microwave energy:

1) Read all instructions before using the appliance.

2) Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on (specific page or section to be included).

3) This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on (specific page or section to be included).

4) Install or locate this appliance only in accordance with the provided installation instructions.

5) Some products such as whole eggs and sealed containers - for example, closed glass jars - are able to explode and should not be heated in this oven.

6) Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.

7) As with any appliance, close supervision is necessary when used by children.

8) Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.

9) This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.

10) Do not cover or block any openings on the appliance.

11) Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.

12) Do not immerse cord or plug in water.

13) Keep cord away from heated surfaces.

14) Do not let cord hang over edge of table or counter.

15) Either:

i) When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth, or

ii) When separate cleaning instructions are provided, See door surface cleaning instructions on (specific page or section to be included).

16) To reduce the risk of fire in the oven cavity:

i) Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.

ii) Remove wire twist-ties from paper or plastic bags before placing bag in oven.

iii) If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

iv) Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

17) Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.

SAVE THESE INSTRUCTIONS

b) UNDER-CABINET AND WALL-MOUNTED APPLIANCES:

1) Do not operate any heating or cooking appliance beneath this appliance.

Exception: A microwave oven investigated for use above another heating appliance is not required to have this statement in the important safety instructions.

2) Do not mount unit over or near any portion of a heating or cooking appliance.

Exception: A microwave oven investigated for use above another heating appliance is not required to include this statement in the important safety instructions.

3) Do not mount over a sink.

4) Do not store anything directly on top of the appliance surface when the appliance is in operation.

c) COMBINATION MICROWAVE/TOASTER OVENS:

1) Oversized foods or oversized metal utensils should not be inserted in a microwave/toaster oven as they may create a fire or risk of electric shock.

2) Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.

3) Do not use paper products when appliance is operated in the toaster mode.

4) Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.

5) Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

d) SELF-CLEANING OVENS:

1) Do Not Clean Door Gasket - The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.

2) Do Not Use Oven Cleaners - No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.

3) Clean Only Parts Listed in Manual.

4) Before Self-Cleaning the Oven - Remove broiler pan and other utensils.

5) Listen For Fan - A fan noise should be heard sometime during the cleaning cycle. If not, call a serviceman before self-cleaning again.

e) VENTILATING HOODS:

1) Clean Ventilating Hoods Frequently - Grease should not be allowed to accumulate on hood or filter.

2) When flaming foods under the hood, turn the fan on.

f) APPLIANCES WITH A DETACHABLE CORD:

1) CAUTION - Risk of fire,electrical shock, exposure to excessive microwave energy. Replace only with manufacturer's cord set, part No. _____.

2) Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.