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: April 16, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

New Standard

BSR/AAMI ST90-201x, Processing of health care products - Quality management systems for processing in health care facilities (new standard)

This standard specifies requirements for a quality management system that can be used by an organization that processes medical devices. It can also be used by internal and external parties to assess the organization's ability to meet customer and regulatory requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amanda Benedict, (703) 253-8284, abenedict@aami.org

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

Addenda

BSR/ASHRAE Addendum 161d-201x, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013)

This proposed addendum expands on the design and operational requirements intended to prevent overservicing of the aircraft engines and auxiliary power unit (APU) with engine oil. This second public review draft shows changes made to the first public review draft.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

SPRI (Single Ply Roofing Institute)

Revision

BSR/SPRI VF-1-201x, External Fire Design Standard for Vegetative Roofs (revision of ANSI/SPRI VF-1-2010)

This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda King, (781) 647-7026, info@spri.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 985-201x, Standard for Standard for Safety for Household Fire Warning System Units (revision of ANSI/UL 985-2015)

(1) Web or {nternet downloadable digital installation instructions for Internet-required products; (2) Charging Current Test; (3) Power-supply cord.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1023-201x, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2013a)

(1) Web or Internet downloadable digital Installation instructions for Internet-required products; (2) Cord-connected products.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1637-201x, Standard for Safety for Home Health Care Signaling Equipment (revision of ANSI/UL 1637-2016)

(1) Charging Current Test; (2) Cord-connected equipment.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1821-201x, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2015)

(1) Transition from carbon arc to xenon arc.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

Comment Deadline: May 1, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO/CDV-1 23500-1-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (identical national adoption of ISO/DIS 23500 and revision of ANSI/AAMI 23500-2014)

Addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO/CDV-1 23500-2-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO/DIS 23500-2 and revision of ANSI/AAMI 26722-2014)

Addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO/CDV-1 23500-3-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-3 and revision of ANSI/AAMI 13959:2014)

Specifies minimum requirements for water to be used in haemodialysis and related therapies.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO/CDV-1 23500-4-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-4 and revision of)

Specifies minimum requirements for concentrates used for haemodialysis and related therapies. Includes water to be used in the preparation of concentrates, dialysis fluids for haemodialysis, haemodiafiltration, and haemofiltration, and for the reprocessing of haemodialysers.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO/CDV-1 23500-5-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-5 and revision of)

Specifies minimum quality requirements for dialysis fluids used in haemodialysis and related therapies.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 15882-2008 (R201x), Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results (reaffirmation of ANSI/AAMI/ISO 15882-2008 (R2013))

Provides guidance for the selection, use and interpretation of results of chemical indicators used in process definition, validation, and routine monitoring and overall control of sterilization processes. Applies to indicators that show exposure to sterilization processes by means of physical and/or chemical change of substances, and which are used to monitor one or more of the variables required of a sterilization process. These chemical indicators are not dependent for their action on the presence or absence of a living organism.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

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

Revision

BSR/ASHRAE Standard 63.2-201x, Method of Testing Liquid-Line Filter Drier Filtration Capability (revision of ANSI/ASHRAE Standard 63.2-1996 (R2010))

This revision of Standard 63.2-1996 improves clarity of the test procedure and associated calculations and adds test fluid options.

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts

Order from: standards.section@ashrae.org

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

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

Reaffirmation

BSR ASSE A10.15-1995 (R201x), Safety Requirements for Dredging (reaffirmation of ANSI ASSE A10.15-1995 (R2011))

This standard applies to Construction Dredging Operations.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.org

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

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

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

Reaffirmation

BSR ASSE A10.27-1998 (R201x), Hot Mix Asphalt Facilities (reaffirmation of ANSI ASSE A10.27-1998 (R2011))

This standard provides recommendations concerning the design, manufacture, operating processes and equipment associated with the production of hot asphalt (HMA) mixing facilities. Included are raw material handling and storage, equipment operation to produce asphalt mixtures and the delivery of mixes into vehicles for transport to users. Routine maintenance, housekeeping, and allied functions are included.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.org

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

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

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

Revision

BSR ASSE A10.25-201X, Sanitation in Construction (revision of ANSI ASSE A10.25-2009)

This standard applies to all construction jobsites and covers potable water, toilet and hand-washing facilities located on a jobsite. It assures that employees are provided with adequate potable water, hand-washing, and sanitary waste-disposal facilities.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR/ATIS 0300232-2012 (R201x), Human-to-Machine Interface Specification for Telecommunications Management (reaffirmation of ANSI ATIS 0300232-2012)

This standard provides general design information related to the Human Machine Interface (HMI). In the language of the Telecommunications Management Network (TMN), this interface was called the G Interface. The ITU-T standardized three important aspects of the HMI. This document provides a pointer to these standards and other information.

Single copy price: $30.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0300251-201x, Codes for Identification of Service Providers for Information Exchange (revision of ANSI ATIS 0300251-2007 (R2012))

This standard provides the specifications and characteristics of codes used to represent service providers. Its intended use is to provide a standard that facilitates information exchange among humans and machines.

Single copy price: $60.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

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

AWS (American Welding Society)

Revision

BSR/AWS D3.9/D3.9M-201X, Specification for Classification of Weld-Through Paint Primers (revision and redesignation of ANSI/AWS D3.9-2010)

This specification prescribes the requirements for the classification of weld-through paint primers. The classification is based on paint film thickness and welding procedure. Manufacturers may classify their products to different film thicknesses or welding procedures if they provide the details of their tests.

Single copy price: $30.00

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

BICSI (Building Industry Consulting Service International)

New Standard

BSR/BICSI 007-201x, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises (new standard)

This standard will cover the design and implementation of the information communication technology systems required to support an intelligent building/premise integrated design. Systems that are expected to be covered, include, but are not limited to: building automation/management, utility utilization, lighting, signage and wayfinding, sound and acoustical services, location, and asset tracking.

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

EOS/ESD (ESD Association, Inc.)

Revision

BSR/ESDA/JEDEC JS-001-201x, ESDA/JEDEC Joint Draft Standard for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESDA/JEDEC JS-001-2014)

This standard establishes the procedure for testing, evaluating, and classifying components and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD).

Single copy price: 105.00 (List)/$75.00 (ESDA Members) [Hardcopy]; SC: $130.00 (List)/$100.00 (ESDA Members) [Softcopy]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 440-C-201x, Fiber Optic Terminology (revision and redesignation of ANSI/TIA 440-B-2004 (R2013))

The purpose of this Standard is to define commonly used terms, symbols, and abbreviations for fiber optic applications. The revision is required to update definitions, add new definitions, and correct errors.

Single copy price: $60.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)

This Standard specifies requirements for telecommunications infrastructure for healthcare facilities (e.g., hospitals, clinics). It specifies cabling, cabling topologies, and cabling distances. Additionally, pathways and spaces (e.g., sizing and location), and ancillary requirements are addressed. Telecommunications cabling specified by this standard is intended to support a wide range of healthcare facilities and systems.

Single copy price: $61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2201-201X, Standard for Tests for Determining CO Emission Rate of Portable Generators (new standard)

The following changes in requirements to the Standard for Tests for Determining CO Emission Rate of Portable Generators, UL 2201, are being proposed: (1) Proposed second edition of the Standard for Tests for Determining Carbon Monoxide (CO) Emission Rate of Portable Generators, UL 2201.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1 -888-853-3503

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 199-2013 (R201x), Standard for Safety for Automatic Sprinklers for Fire-Protection Service (reaffirmation of ANSI/UL 199-2013)

UL proposes a reaffirmation for UL 199.

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: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1029-2012 (R201x), Standard for Safety for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012)

Reaffirmation and continuance of the fifth edition of the Standard for High-Intensity- Discharge Lamp Ballast, UL 1029, as an American National Standard.

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: Ritu Madan, (847) 664 -3297, ritu.madan@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1740-201x, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2007)

This covers the proposed fourth edition of the Standard for Robots and Robotic Equipment, UL 1740.

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: Grace Roh, (919) 549 -1389, Grace.Roh@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2442-201x, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2014)

Revisions to update the standard reference and clarify requirements. Additional requirements to address products that support audio/video equipment attached to structures.

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: Grace Roh, (919) 549 -1389, Grace.Roh@ul.com

VITA (VMEbus International Trade Association (VITA))

New Standard

BSR/VITA 65.1-201x, OpenVPX System Standard - Profile Tables (new standard)

To standardize variations of slot, backplane, and modules profiles. As part of the slot profile description, there are also some connector modules defined. This document is primarily tables that are referenced by VITA 65.0.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

VITA (VMEbus International Trade Association (VITA))

New Standard

BSR/VITA 74.0-201x, Compliant System Small Form Factor Module Base Standard (new standard)

This proposed standard will provides a mechanical format for switched serial interconnects for small form-factor applications, with specific concern taken to allow deployment in ruggedized environments.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

VITA (VMEbus International Trade Association (VITA))

Revision

BSR/VITA 65.0-201x, OpenVPX System Standard (revision of ANSI/VITA 65 -2012)

Define a set of system specifications and practices for VPX modules.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

Comment Deadline: May 16, 2017

ANS (American Nuclear Society)

Revision

BSR/ANS 8.24-201x, Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations (revision of ANSI/ANS 8.24-2007 (R2012))

This standard provides requirements and guidelines for validation, including establishing applicability, of neutron transport calculational methods used in determining critical or subcritical conditions for nuclear criticality safety analyses.

Single copy price: $121.00

Obtain an electronic copy from: scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org; kmurdoch@ans.org

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2748-201x, Standard for Safety for Arcing Fault Quenching Equipment (new standard)

This proposal is for the publication of the first edition of the Standard for Arcing Fault Quenching Equipment, UL 2748, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1 -888-853-3503

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319 -4271, Derrick.L.Martin@ul.com

Projects Withdrawn from Consideration

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

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

INCITS/ISO 19110:2005/AMD 1:2011, Geographic information - Methodology for feature cataloguing - Amendment 1 (identical national adoption of ISO 19110:2005/AMD 1:2011)

Inquiries may be directed to Barbara Bennett, (202) 626-5743, comments@itic.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

PLASTICS (Plastics Industry Association)

ANSI/SPI B151.29-2014, Safety Requirements for Vertical Clamp Injection Molding Machines

Questions may be directed to: David Felinski, (832) 446-6999, DFelinski@plasticsindustry.org

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: *Will Vargas*

Phone: (703) 647-2779

E-mail: wvargas@aami.org

BSR/AAMI/SW96-201x, Medical Devices - Application of security risk management to medical devices (new standard)

BSR/AAMI/ISO 15882-2008 (R201x), Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results (reaffirmation of ANSI/AAMI/ISO 15882-2008 (R2013))

BSR/AAMI/ISO/CDV-1 23500-1-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (identical national adoption of ISO/DIS 23500 and revision of ANSI/AAMI 23500-2014)

BSR/AAMI/ISO/CDV-1 23500-2-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO/DIS 23500-2 and revision of ANSI/AAMI 26722-2014)

BSR/AAMI/ISO/CDV-1 23500-3-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-3 and revision of ANSI/AAMI 13959:2014)

BSR/AAMI/ISO/CDV-1 23500-4-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-4 and revision of)

BSR/AAMI/ISO/CDV-1 23500-5-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-5 and revision of)

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: *William Freeman*

Phone: (202) 682-8286

E-mail: freemanw@api.org

BSR/API Specification 19G3 (ISO 17078-3)-2011 (R201x), Running Tools, Pulling Tools, and Kick-Over Tools and Latches for Sidepocket (reaffirmation of ANSI/API Specification 19G3 (ISO 17078-3)-2011)

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

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR ASSE A10.15-1995 (R201x), Safety Requirements for Dredging (reaffirmation of ANSI ASSE A10.15-1995 (R2011))

BSR ASSE A10.19-201X, Safety Requirements for Pile Installation and Extraction Operations (revision of ANSI ASSE A10.19-2008 (R2016))

BSR ASSE A10.25-201X, Sanitation in Construction (revision of ANSI ASSE A10.25-2009)

BSR ASSE A10.27-1998 (R201x), Hot Mix Asphalt Facilities (reaffirmation of ANSI ASSE A10.27-1998 (R2011))

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CTA 2067-201x, Small Unmanned Aerial Systems - Remote Identification (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 440-C-201x, Fiber Optic Terminology (revision and redesignation of ANSI/TIA 440-B-2004 (R2013))

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179 -2010)

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210

Contact: *Jing Kwok*

Phone: (602) 281-4497

E-mail: jing.kwok@vita.com

BSR/VITA 65.0-201x, OpenVPX System Standard (revision of ANSI/VITA 65-2012)

BSR/VITA 65.1-201x, OpenVPX System Standard - Profile Tables (new standard)

BSR/VITA 74.0-201x, Compliant System Small Form Factor Module Base Standard (new standard)

Call for Members (ANS Consensus Bodies)

CGA (Compressed Gas Association, Inc)

Office: 14501 George Carter Way, Suite 103
Chantilly, VA 20151
Contact: Kristy Mastromichalis, Committee Project Manager
Phone: (703) 788-2728
Fax: (703) 961-1831
E-mail: kmastromichalis@cganet.com

CGA P-18, Standard for Bulk Inert Gas Systems.

This consensus body is currently seeking members in the following categories:

user
general interest
equipment supplier
distributor/retailer
trade association

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 14708-3-2017, Implants for surgery - Active implantable medical devices - Part 3: Implantable neurostimulators (identical national adoption of ISO 14708-3, Ed. 2 (in development) and revision of ANSI/AAMI/ISO 14708-3-2008 (R2011)): 3/2/2017

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

ANSI ASA S12.51-2012/ISO 3741-2010 (R2017), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for reverberation test rooms (reaffirmation of ANSI ASA S12.51 -2012/ISO 3741-2010): 3/2/2017

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

Addenda

ANSI/ASHRAE Standard 34w-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 3/2/2017

ANSI/ASHRAE Standard 161a-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013): 3/2/2017

ANSI/ASHRAE/ICC/IES/USGBC 189.1k-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1 -2014): 3/2/2017

ANSI/ASHRAE/ICC/IES/USGBC 189.1L-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 3/2/2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME TDP-2-2012 (R2017), Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Nuclear Fueled Plants (reaffirmation of ANSI/ASME TDP-2-2012): 3/2/2017

Revision

ANSI/ASME B16.34-2017, Valves - Flanged, Threaded, and Welding End (revision of ANSI/ASME B16.34-2013): 3/9/2017

ANSI/ASME B16.47-2017, Large Diameter Steel Flanges (revision of ANSI/ASME B16.47-2011): 3/6/2017

ASTM (ASTM International)

Reaffirmation

ANSI/ASTM F1977-2004 (R2017), Test Method for Determining Initial, Fractional, Filtration Efficiency of a Vacuum Cleaner System (reaffirmation of ANSI/ASTM F1977-2004 (R2010)): 3/1/2017

Revision

ANSI/ASTM E1590-2017, Test Method for Fire Testing of Mattresses (revision of ANSI/ASTM E1590-2013): 3/1/2017

ANSI/ASTM F558-2017, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners (revision of ANSI/ASTM F558 -2013): 3/1/2017

ANSI/ASTM F608-2017, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-2013): 3/1/2017

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

ANSI/ATIS 0100030-2012 (R2017), Mean Time between Outages - A Generalized Metric for Assessing Production Failure Rates in Telecommunications Network Elements (reaffirmation of ANSI/ATIS 0100030-2012): 3/9/2017

ANSI/ATIS 0600010.02-2012 (R2017), Equipment Handling, Transportation Vibration, and Rail Car Shock Requirements for Network Communications Equipment (reaffirmation of ANSI/ATIS 0600010.02-2012): 3/9/2017

ANSI/ATIS 1000045-2012 (R2017), ATIS Identity Management: Mechanisms and Procedures Standard (reaffirmation of ANSI/ATIS 1000045-2012): 3/9/2017

ANSI/ATIS 1000050-2012 (R2017), Next Generation Network (NGN) Operator Regular Intercept Standard (reaffirmation of ANSI/ATIS 1000050-2012): 3/9/2017

AWS (American Welding Society)

New Standard

ANSI/AWS D8.2M-2017, Specification for Automotive Weld Quality - Resistance Spot Welding of Aluminum (new standard): 3/9/2017

Revision

ANSI/AWS C4.2/C4.2M-2017, Recommended Practices for Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M -2009): 3/2/2017

AWWA (American Water Works Association)

New Standard

ANSI/AWWA G520-2017, Wastewater Collection System Operation and Management (new standard): 3/2/2017

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP Prescription Transfer Standard v35-2017, NCPDP Prescription Transfer Standard v35 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v34-2016): 3/2/2017

NSF (NSF International)

Revision

* ANSI/NSF 49-2017 (i99r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49 -2014): 3/5/2017

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 61215-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements (identical national adoption of IEC 61215-1): 2/28/2017

ANSI/UL 61215-2-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures (identical national adoption of IEC 61215-2): 2/28/2017

ANSI/UL 61215-1-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (identical national adoption of IEC 61215-1-1): 2/28/2017

Reaffirmation

ANSI/UL 797-2012 (R2017), Standard for Safety for Electrical Metallic Tubing - Steel (reaffirmation of ANSI/UL 797-2012): 3/3/2017

ANSI/UL 1417-2012 (R2017), Standard for Safety for Special Fuses for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1417-2012): 3/8/2017

Revision

* ANSI/UL 325-2017, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016): 3/7/2017

* ANSI/UL 325-2017a, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016): 3/7/2017

ANSI/UL 793-2017, Standard for Automatically Operated Roof Vents for Smoke and Heat (revision of ANSI/UL 793-2011 (R2016)): 3/3/2017

ANSI/UL 924-2017, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2015): 3/8/2017

ANSI/UL 924-2017a, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2015): 3/8/2017

ANSI/UL 1004-1-2017, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 8-26-16) (revision of ANSI/UL 1004-1-2016): 3/6/2017

ANSI/UL 1004-1-2017a, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 11-18-16) (revision of ANSI/UL 1004-1-2016): 3/6/2017

ANSI/UL 1004-1-2017b, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 1-27-17) (revision of ANSI/UL 1004-1-2016): 3/6/2017

ANSI/UL 6703-2017, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2015): 3/2/2017

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.

AAFS (American Academy of Forensic Sciences)

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BSR/ASB Std 022-201x, Standard for Forensic DNA Analysis Training Programs (new standard)

Stakeholders: DNA professionals

Project Need: This document is intended to be a foundational training standard upon which more specific standards can be created. It identifies the key elements of an effective training program that should promote highly qualified DNA analysts.

This standard provides the general requirements for a forensic DNA laboratory's training program in DNA analysis and data interpretation.

BSR/ASB Std 023-201x, Standard for Training of Forensic DNA Isolation and Purification Methods (new standard)

Stakeholders: DNA professionals.

Project Need: This document identifies the key components of an effective DNA isolation and purification training program for Forensic Laboratories.

This document provides requirements to ensure proper training in the approved methods of DNA isolation and purification used within the trainee's forensic DNA laboratory.

BSR/ASB Std 024-201x, Crime Scene/Death Investigation - Dogs and Sensors Pre-Scented Canines - Location Check (new standard)

Stakeholders: Forensic canine teams and dogs and sensor professionals.

Project Need: There are no consensus standards for specifically dedicated canine teams (canine and handler) trained to conduct pre-scented canine location checks.

To provide standards for training, certification, and documentation pertaining to canine teams (canine and handler) trained to conduct pre-scented canine location checks.

BSR/ASB Std 026-201x, Crime Scene/Death Investigation - Dogs and Sensors Pre-Scented Canines - Aged Trail Search (new standard)

Stakeholders: Forensic canine teams and dogs and sensor professionals.

Project Need: There are no consensus standards for canine teams (canine and handler), specifically dedicated to specialized protocols and training for canines, to be used when trails are 48 hours or older, as opposed to fresh trails (48 hours or less). Canines not trained specifically for aged-trail search and detection may not result in accurate and consistent results.

To provide the standards for training, certification and documentation pertaining to pre-scented canine-aged trail search. Pre-scented canine aged trail searches use a canine team (canine and handler) to search for and follow aged trails of a specific person's (target) scent over different surface types. An aged trail is a human scent pathway that has been present for some period of time. Typically expressed with a time frame associated with the trail. e.g., a 48-hour-old trail.

BSR/ASB Std 027-201x, Crime Scene/Death Investigation - Dogs and Sensors Tracking/Trailing One or More Persons Based on Last Known Position (new standard)

Stakeholders: Forensic canine teams and dogs and sensor professionals.

Project Need: There are no consensus standards for canine teams (canine and handler), specifically dedicated to tracking specific person(s), location(s), and/or article(s) by starting from the last known position. This pertains to trails less than 48 hours old.

To provide standards for the training, certification, and documentation pertaining to canine teams (canine and handler) trained to search for specific person(s), location(s), and/or article(s) by starting from the last known position. This pertains to trails less than 48 hours old.

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI SW96-201x, Medical Devices - Application of Security Risk Management to Medical Devices (new standard)

Stakeholders: Manufacturing, testing labs, regulatory.

Project Need: To provide the specific process to support the guidelines and concepts outlined in AAMI/TIR 57.

This standard is based on an application of ANSI/AAMI/ISO 14971 with an expanded consideration of the possible impacts that a security compromise can have on the medical device, people, the environment, the manufacturer, and the information processed and stored by the device. This report also incorporates several principles from NIST SP 800-30 Revision 1, a security risk management process developed for traditional IT systems. This document is applicable to all stages of the life-cycle of a medical device.

ADA (American Dental Association)

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BSR/ADA No. 157-201x, Powered Dental Scaler Handpieces and Tips (national adoption with modifications of ISO 18397:2016)

Stakeholders: Manufacturers, dentists.

Project Need: There is currently no ANSI/ADA standard on powered scaler handpieces and tips. The international Powered Scaler standard was recently published, but contains some errors and requirements that resulted in a negative vote by the U.S. and other delegations in the final stage. This is an opportunity to make corrections to that standard and fill the vacancy in the ANSI/ADA portfolio.

This standard specifies requirements and test methods for air-powered and electrical-powered scaler handpieces and scaler tips, including piezo-, ferrostrictive-, and magnetostrictive-type ultrasonic scalers, operated as stand-alone items or connected to dental units, for use on patients. It also contains specifications on manufacturers' instructions, marking, and packaging.

* BSR/ADA Standard 136-201x, Products for Tooth Bleaching (national adoption of ISO 28399:2011 with modifications and revision of ANSI/ADA Standard 136-2015)

Stakeholders: Consumers, dentists, manufacturers.

Project Need: Revise to better suit the needs of the U.S. market.

This standard specifies requirements and test methods for tooth bleaching products intended for bleaching natural teeth by means of chemical interaction with chromogen in enamel and dentin. These products are intended for use in the oral cavity, either by professional application (in-office tooth bleaching products) or consumer application (professional or non-professional home use of tooth bleaching products), or both. It also specifies requirements for their packaging, labeling, and instructions for use.

BSR/ADA Standard No. 111-201x, Testing of Adhesion to Tooth Structure (identical national adoption of ISO TS 11405:2015)

Stakeholders: Manufacturers of dental adhesives and restoratives.

Project Need: National adoption of ISO standard that the U.S. TAG voted affirmative.

Guidance on substrate selection, storage, and handling as well as essential characteristics of different test methods for quality testing of the adhesive bond between restorative dental materials and tooth structure, i.e., enamel and dentine. It includes a tensile bond strength measurement test, a test for measurement of marginal gaps around fillings, a microleakage test, and gives guidance on clinical usage tests for such materials.

BSR/ADA Standard No. 137-201x, Test Methods for Dental Unit Waterline Biofilm Treatment (identical national adoption of ISO 16954:2015 and revision of ANSI/ADA Standard No. 137-2014)

Stakeholders: Manufacturers, regulators, researchers.

Project Need: Standardized test methods for evaluating dental-unit waterline treatment products is needed to help assure effective performance of these products. In addition, if this standard is recognized by the EPA, it may assist the agency in the review of submissions for product registration.

To specify type test methods per ISO 16954 for evaluating the effectiveness of treatment methods intended to prevent, inhibit or remove biofilm in dental unit procedural water delivery systems under laboratory conditions. This modified adoption of ISO 16954 will expand the specified test methods to allow for an alternative simplified test apparatus to be used, making it easier for researchers, independent labs, and manufacturers of waterline treatment products who do not have convenient access to dental units.

BSR/ADA Standard No. 69-201x, Dental Ceramic Materials (identical national adoption of ISO 6872:2015 and revision of ANSI/ADA Standard No. 69-2010 (R2015))

Stakeholders: Dentists, manufacturers.

Project Need: Update national standard with adoption of ISO standard on which the U.S. TAG voted affirmative.

This standard specifies the requirements and the corresponding test methods for dental ceramic materials for fixed all-ceramic and metal-ceramic restorations and prostheses.

BSR/ADA Standard No. 89-201x, Dental Operating Lights (identical national adoption of ISO 9680:2014 and revision of ANSI/ADA Standard No. 89-2008 (R2013))

Stakeholders: Dentists, manufacturers.

Project Need: Update national standard with adoption of ISO standard on which the U.S. TAG voted affirmative.

This standard specifies requirements and test methods for operating lights used in the dental office and intended for illuminating the oral cavity of patients. It also contains specifications on manufacturers' instructions for use, marking, and packaging. This standard applies to operating lights, irrespective of the technology of the light source. This standard excludes auxiliary light sources, e.g., from dental handpieces and dental headlamps and also operating lights that are specifically designed for use in oral surgery.

ANS (American Nuclear Society)

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BSR/ANS 15.22-201x, Classification of Structures, Systems, and Components for Research Reactors (new standard)

Stakeholders: Research reactor operators, designers, and engineers.

Project Need: There are several classification schemes being currently used for SSCs, necessitating one technology-neutral system for classification based on risk-informed and performance-based criteria. This standard will harmonize international consensus and regulatory documents for research reactors regarding classification of Structures, Systems, and Components (SSCs). It may be applied to existing and future research and test reactors.

This standard provides one technology-neutral SSC classification process for research reactors that is, where possible, performance based and risk informed. This standard applies to existing and future research and test reactors.

API (American Petroleum Institute)

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BSR/API Specification 19G3 (ISO 17078-3)-2011 (R201x), Running Tools, Pulling Tools, and Kick-Over Tools and Latches for Side-Pocket Mandrels (reaffirmation of ANSI/API Specification 19G3 (ISO 17078-3)-2011)

Stakeholders: Petroleum equipment manufacturers.

Project Need: Reaffirm document.

Provides requirements and guidelines for running tools, pulling tools, kick-over tools, and latches used for the installation and retrieval of flow control and other devices to be installed in side-pocket mandrels for use in the petroleum and natural gas industries.

APSP (Association of Pool & Spa Professionals)

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* BSR/APSP/ICC 16-201x, Standard for Suction Outlet Fitting Assemblies for Use in Pools, Spas, and Hot Tubs (revision and redesignation of ANSI/APSP 16-2011)

Stakeholders: Builders, code officials, designers, manufacturers, pool operators and managers, retailers, safety advocates, and service companies.

Project Need: Revise the standard in accordance with the latest testing, technology, and research as it relates to suction entrapment avoidance in consultation with the staff of the U.S. Consumer Product Safety Commission (CPSC).

This standard establishes materials, testing, use, installation, and marking requirements for new or replacement bather-accessible Suction Outlet Fitting Assemblies (SOFAs), other than maintenance drains, that are designed to be fully submerged for use in any pool, which include, but are not limited to a swimming pool, hot tub, spa, portable spa, or non-portable wading pool, or other aquatic venue intended for swimming or recreational bathing. The term, pool, is used throughout this standard as an identifier for these bodies of water.

ASME (American Society of Mechanical Engineers)

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BSR/ASME MFC-17-201x , Measurement of Liquid Flow in Closed Conduits - Method Using Timed Liquid Collection in a Volumetric Tank (new standard)

Stakeholders: Manufacturers and users of many types of provers and "tankage" systems.

Project Need: Volumetric methods are currently being used in many situations in flow measurement. This document should provide central guidance while performing these measurements.

This Standard specifies methods for the measurement of liquid flow in closed conduits by determining the volume of liquid collected in a volumetric tank in a measured time interval. It deals, in particular, with the measuring apparatus, the procedure, the method for calculating the flow-rate, the assessment of uncertainties and traceability associated with the measurements.

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

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BSR ASSE A10.19-201X, Safety Requirements for Pile Installation and Extraction Operations (revision of ANSI ASSE A10.19-2008 (R2016))

Stakeholders: Occupational safety and health professionals working with construction and demolition hazards with pile installation and extraction.

Project Need: Based upon the consensus of the A10 ASC and the ASSE leadership.

This standard establishes safety requirements for the installation and extraction of piles during construction and demolition operations.

ASTM (ASTM International)

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BSR/ASTM WK58040-201x, New Test Method for Surface Burning Characteristics of Building Materials that Melt, Drip, Disintegrate and Delaminate when Exposed to Fire (new standard)

Stakeholders: Surface Burning industry.

Project Need: This fire-test response standard for the comparative surface burning behavior of building materials is applicable to exposed surfaces such as walls and ceilings.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK58040.htm

BSR/ASTM WK58085-201x, New Specification for Standard Safety Specification for Components, Assembly, Use and Labeling of Consumer In-Ground Trampolines (new standard)

Stakeholders: Trampolines and Related Equipment industry.

Project Need: Establishes safety specification for components, assembly, use and labeling for in-ground trampolines intended for use by consumers.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK58085.htm

ATIS (Alliance for Telecommunications Industry Solutions)

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BSR/ATIS 0300075-201x, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (revision of ANSI/ATIS 0300075-2012)

Stakeholders: Communications industry.

Project Need: There is a need to update references as well as other non-substantive items as part of the 5-year review cycle.

This document describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.

BSR/ATIS 0300097-201x, Structure for the Identification of Communications Connections for Information Exchange (revision of ANSI ATIS 0300097-2013)

Stakeholders: Communications industry.

Project Need: There is a need to correct errors in the table content in sections 6.3.3 and 6.3.4.

This standard provides the code and format structures necessary for identification of telecommunications connections and describes the code structure with various combinations of data units represented within those structures. This standard contains clauses that cover its purpose and scope, described format structures and data elements for message trunks and message trunks groups, and special services circuits and facilities. It also contains definitions and references. Its intended use is to provide a standard that facilities information exchange among human and machines.

CTA (Consumer Technology Association)

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* BSR/CTA 2067-201x, Small Unmanned Aerial Systems - Remote Identification (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To develop a standard for identifying small unmanned aerial systems with a Remote ID during flight to advance accountability and transparency.

To develop a standard for identifying small unmanned aerial systems with a Remote ID during flight to advance accountability and transparency.

Home Innovation (Home Innovation Research Labs)

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BSR/ICC/ASHRAE 700-201x, National Green Building Standard (revision of ANSI/ICC/ASHRAE 700-2015)

Stakeholders: Construction companies, land developers, architects, code officials, building owners and managers, remodelers, manufacturers of building materials and appliances.

Project Need: Revise scope of existing ANSI standard.

The provisions of this Standard shall apply to design and construction of buildings containing residential portions which constitute not less than 75 percent of the total square footage of the building. This Standard shall also apply to subdivisions; building sites; building lots; accessory structures; and the building's alterations, additions, and renovations. For the purpose of this Standard, assisted living facilities, group homes, and residential board and care facilities are considered residential.

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

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* BSR/ASSE 1090-201x, Drinking water treatment device using air as a source (new standard)

Stakeholders: Drinking water treatment industry, Center for Disease Control, Environmental Protection Agency, regulatory bodies.

Project Need: Products are available that dehumidify the surrounding air and create drinking water by various filtration methods.

This is a point-of-use system that dehumidifies the surrounding air to produce quality drinking water. The system is comprised of a condenser, one or more filtration methods, and a process/apparatus for microbial growth control. Materials in contact with drinking water shall meet existing drinking water regulations.

IAPMO (International Association of Plumbing & Mechanical Officials)

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* BSR/IAPMO Z1330-201x, Recirculating Shower Systems (new standard)

Stakeholders: Manufacturers, users, consumers, and regulatory authorities.

Project Need: To develop a new standard for recirculating shower systems that will benefit stakeholders across North America.

This Standard covers portable and stationary recirculating shower systems intended for new and retrofit residential and commercial applications and specifies requirements for materials, physical characteristics, performance testing, and markings.

NCPDP (National Council for Prescription Drug Programs)

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BSR/NCPDP Specialty Pharmacy Reporting v10-201x, NCPDP Specialty Pharmacy Data Reporting Standard v10 (new standard)

Stakeholders: Prescribers, pharmacies, data aggregators, payers, manufacturers.

Project Need: Develop a uniform format for the submission of Specialty Pharmacy data to manufacturers.

The Specialty Pharmacy Data Reporting Standard provides a uniform format for the submission of specialty pharmacy data to manufacturers which is needed to support related operations and validate contractual obligations. The implementation of this standard will increase administrative efficiencies and eliminate the need for pharmacies to create internal mapping processes to standardize unique data formats from each manufacturer.

NSF (NSF International)

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* BSR/NSF 455-1-201x, Glossary of GRMA terminology (new standard)

Stakeholders: Manufacturers, users, public health.

Project Need: Establish a glossary of terms for NSF's GRMA Standards.

Definitions covered by this Standard consist of terminology related to NSF/ANSI GRMA Standards, including terms describing for dietary supplements, cosmetics/personal care products, over the counter drugs, and medical devices. This Standard includes common definitions of terms used throughout NSF/ANSI GRMA Standards.

UL (Underwriters Laboratories, Inc.)

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BSR/UL 1974-201x, Standard for Safety for Evaluation for Repurposing Batteries (new standard)

Stakeholders: Battery and cell manufacturers; PV and wind generator manufacturers; Auto Manufacturers; UPS manufacturers and groups that need uninterruptible power supplies such as hospitals, telecom, etc.; OEMs (i.e., electric bicycles, scooters, industrial truck manufacturers, golf carts); Government or regulatory agencies such as CPSC; utilities; railroads; municipalities; and recyclers.

Project Need: To obtain national recognition of a standard covering the sorting and grading process of battery packs, modules and cells that were originally configured and used for other purposes and are intended for a repurposed use application, and application-specific requirements for battery packs utilizing repurposed batteries and components.

This standard covers the sorting and grading process of battery packs, modules, and cells that were originally configured and used for other purposes such as electric vehicle propulsion, and that are intended for a repurposed use application such as for use in stationary energy storage and other applications. The process of sorting and grading these devices is essentially determining the state of health and other parameters to identify continued viability and the rating mechanisms the manufacturer may use for those that are determined suitable for continued use. Also covers application specific requirements for battery packs utilizing repurposed batteries and components.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences
4200 Wisconsin Ave, NW Suite 106 -310
Washington, DC 20016
Phone: (719) 453-1036
Web: www.aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 647-2779
Web: www.aami.org

ADA (Organization)
American Dental Association
211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

API
American Petroleum Institute
1220 L Street NW
Washington, DC 20005
Phone: (202) 682-8286
Web: www.api.org

APSP
Association of Pool & Spa Professionals
2111 Eisenhower Ave.
Suite 500
Alexandria, VA 22314
Phone: (703) 838-0083 X150
Fax: (703) 549-0493
Web: www.apsp.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.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
520 N. Northwest Highway
Park Ridge, IL 60068
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) 434-8840
Web: www.atis.org

AWS
American Welding Society
8669 NW 36th Street
#130
Miami, FL 33166
Phone: (800) 443-9353
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

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

EOS/ESD
ESD Association
7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

Home Innovation
Home Innovation Research Labs
400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731
Phone: (301) 430-6249
Fax: (301) 430-6182
Web: www.HomeInnovation.com

IAPMO
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761
Phone: (909) 230-5534
Web: www.iapmo.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Fax: (708) 479-6139
Web: www.asse-plumbing.org

NCPDP
National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 296-4584
Fax: (480) 767-1042
Web: www.ncpdp.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-6866
Web: www.nsf.org

SPRI
Single Ply Roofing Institute
465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2881
Fax: (847) 664-2881
Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
Phone: (602) 281-4497
Web: www.vita.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 ANSI's ISO Team (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.

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 18363-3, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol - 5/28/2017, $77.00

DENTISTRY (TC 106)

ISO/DIS 7405, Dentistry - Evaluation of biocompatibility of medical devices used in dentistry - 3/30/2017, $119.00

ISO/DIS 7488, Mixing machines for dental amalgam - 6/1/2017, $62.00

ISO/DIS 13897, Dentistry - Dental amalgam reusable mixing-capsules - 6/3/2017, $53.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7202, Fire protection - Fire extinguishing media - Powder - 5/28/2017, $93.00

ERGONOMICS (TC 159)

ISO/DIS 20685-1, Ergonomics - 3-D scanning methodologies for internationally compatible anthropometric databases - Part 1: Evaluation protocol for body dimensions extracted from 3-D body scans - 6/3/2017, $82.00

FACILITIES MANAGEMENT (TC 267)

ISO/DIS 41001, Facility management - Management systems - Requirements with guidance for use - 6/1/2017, $119.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO/DIS 10804, Restrained joint systems for ductile iron pipelines - Design rules and type testing - 4/2/2017, $40.00

FIRE SAFETY (TC 92)

ISO/DIS 21843, Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels - 4/1/2017, $98.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19115-2, Geographic information - Metadata - Part 2: Extensions for acquisition and processing - 4/2/2017, $112.00

MACHINE TOOLS (TC 39)

ISO/DIS 19085-13, Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading - 6/1/2017, $119.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 20088-3, Determination of the resistance to cryogenic spillage of insulation materials - Part 3: Jet release - 3/29/2017, $88.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 12107, Metallic materials - Fatigue testing - Statistical planning and analysis of data - 6/2/2017, $107.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 17359, Condition monitoring and diagnostics of machines - General guidelines - 5/28/2017, $98.00

ISO/DIS 16063-33, Methods for the calibration of vibration and shock transducers - Part 33: Testing of magnetic field sensitivity - 3/30/2017, $71.00

MINING (TC 82)

ISO/DIS 19426-1, Structures for mine shafts - Part 1: Terms and definitions - 5/27/2017, $58.00

ISO/DIS 19426-2, Structures for mine shafts - Part 2: Headframe structures - 5/27/2017, $62.00

ISO/DIS 19426-3, Structures for mine shafts - Part 3: Sinking stages - 5/27/2017, $62.00

ISO/DIS 19426-4, Structures for mine shafts - Part 4: Conveyances - 5/27/2017, $93.00

ISO/DIS 19426-5, Structures for mine shafts - Part 5: Shaft system structures - 5/27/2017, $107.00

NATURAL GAS (TC 193)

ISO/DIS 20729, Natural gas - Determination of sulfur compounds - Determination of total sulfur content by ultraviolet fluorescence method - 4/2/2017, $62.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 11699-2, Non-destructive testing - Industrial radiographic films - Part 2: Control of film processing by means of reference values - 6/1/2017, $58.00

ISO/DIS 19232-5, Non-destructive testing - Image quality of radiographs - Part 5: Determination of the image unsharpness and basic spatial resolution value using duplex wire-type image quality indicators - 5/26/2017, $58.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 1709, Nuclear energy - Fissile materials - Principles of criticality safety in storing, handling and processing - 3/30/2017, $46.00

ISO/DIS 19443, Quality management systems - Specific requirements for the application of ISO 9001 and IAEA GS-R requirements by organizations in the supply chain of the nuclear energy sector - 4/2/2017, $93.00

ISO/DIS 12749-5, Nuclear energy, nuclear technologies, and radiological protection - Vocabulary - Part 5: Nuclear reactors - 4/2/2017, $119.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 4619, Driers for paints and varnishes - 6/1/2017, $82.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 6743-6, Lubricants, industrial oils and related products (class L) - Classification - Part 6: Family C (Gear systems) - 4/2/2017, $33.00

ISO/DIS 12925-1, Lubricants, industrial oils and related products (class L) - Family C (Gears) - Part 1: Specifications for lubricants for enclosed gear systems - 4/2/2017, $82.00

PLASTICS (TC 61)

ISO/DIS 178, Plastics - Determination of flexural properties - 6/1/2017, $93.00

ISO/DIS 20819, Plastics - Wood-plastic recycled composites (WPRC) - Specification - 5/27/2017, $62.00

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

ISO 80369-3/DAmd2, Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications - Amendment 2 - 3/30/2017, $40.00

ISO/DIS 18250-1, Connectors for reservoir delivery systems for healthcare applications - Part 1: General requirements and common test methods - 3/30/2017, $134.00

ROAD VEHICLES (TC 22)

ISO 12619-2/DAmd2, Road vehicles - Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blend fuel system components - Part 2: Performance and general test methods - Amendment 2 - 6/3/2017, $29.00

ISO/DIS 6469-3, Electrically propelled road vehicles - Safety specifications - Part 3: Electrical safety - 6/1/2017, $77.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 21005, Ships and marine technology - Thermally toughened safety glass panes for windows and side scuttles - 3/30/2017, $46.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 13605, Solid mineral fuels - Major and minor elements in coal ash and coke ash - Wavelength dispersive x-ray fluorescence spectrometric method - 5/27/2017, $71.00

ISO/DIS 18894, Coke - Determination of coke reactivity index (CRI) and coke strength after reaction (CSR) - 4/2/2017, $77.00

STEEL (TC 17)

ISO/DIS 13887, Steel sheet, cold-reduced, of higher yield strength with improved formability - 3/30/2017, $46.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37157, Smart community infrastructures - Smart transportation for compact cities - 6/3/2017, $46.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 19617, Traditional Chinese medicine - General requirements for manufacturing process of natural products - 6/3/2017, $77.00

ISO/DIS 20334, Traditional Chinese Medicine - Coding System of Formulas - 5/27/2017, $185.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 13184-3, Intelligent transport systems (ITS) - Guidance protocol via personal ITS station for advisory safety systems - Part 3: Road guidance protocol (RGP) conformance test specification - 5/27/2017, $71.00

ISO/DIS 16407-2, Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-1 - Part 2: Abstract test suite - 5/27/2017, $67.00

ISO/DIS 16410-2, Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-3 - Part 2: Abstract test suite - 5/27/2017, $62.00

WATER QUALITY (TC 147)

ISO/DIS 9698, Water quality - Tritium - Test method using liquid scintillation counting - 4/2/2017, $93.00

ISO/DIS 19040-2, Water quality - Determination of the estrogenic potential of water and waste water - Part 2: Yeast estrogen screen (A-YES, Arxula adeninivorans) - 4/1/2017, $125.00

ISO/DIS 19040-3, Water quality - Determination of the estrogenic potential of water and waste water - Part 3: In vitro human cell-based reporter gene assay - 3/31/2017, $119.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 11666, Non-destructive testing of welds - Ultrasonic testing - Acceptance levels - 3/30/2017, $71.00

ISO/DIS 24394, Welding for aerospace applications - Qualification test for welders and welding operators - Fusion welding of metallic components - 5/27/2017, $102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24760-1/DAmd1, Information technology - Security techniques - A framework for identity management - Part 1: Terminology and concepts - Amendment 1: Additional terminology and concepts - 5/27/2017, $62.00

ISO/IEC/IEEE DIS 26515, Systems and software engineering - Developing information for users in an agile environment - 6/1/2017, $88.00

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 15216-1:2017, Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR - Part 1: Method for quantification, $185.00

FINE CERAMICS (TC 206)

ISO 18608:2017, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of the resistance to crack propagation by notch sensitivity testing, $68.00

IRON ORES (TC 102)

ISO 13313:2017, Iron ores - Determination of sodium - Flame atomic absorption spectrometric method, $103.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO 16530-1:2017, Petroleum and natural gas industries - Well integrity - Part 1: Life cycle governance, $232.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 19496-1:2017, Vitreous and porcelain enamels - Terminology - Part 1: Terms and definitions, $45.00

ISO 19496-2:2017, Vitreous and porcelain enamels - Terminology - Part 2: Visual representations and descriptions, $103.00

NUCLEAR ENERGY (TC 85)

ISO/ASTM 51939:2017, Practice for blood irradiation dosimetry, $103.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 8216-1:2017, Petroleum products - Fuels (class F) classification - Part 1: Categories of marine fuels, $45.00

ISO 12917-1:2017, Petroleum and liquid petroleum products - Calibration of horizontal cylindrical tanks - Part 1: Manual methods, $185.00

PLAIN BEARINGS (TC 123)

ISO 6279:2017, Plain bearings - Aluminium alloys for solid bearings, $45.00

PLASTICS (TC 61)

ISO 16396-2:2017, Plastics - Polyamide (PA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $68.00

ISO 20028-1:2017, Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications, $103.00

ISO 20028-2:2017, Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $68.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 9298:2017, Rubber compounding ingredients - Zinc oxide - Test methods, $103.00

ISO 15825:2017, Rubber compounding ingredients - Carbon black - Determination of aggregate size distribution by disc centrifuge photosedimentometry, $68.00

SMALL TOOLS (TC 29)

ISO 529:2017, Short machine taps and hand taps, $138.00

SOIL QUALITY (TC 190)

ISO 11272:2017, Soil quality - Determination of dry bulk density, $103.00

THERMAL INSULATION (TC 163)

ISO 17738-1:2017, Thermal insulation products - Exterior insulation and finish systems - Part 1: Materials and systems, $209.00

TOURISM AND RELATED SERVICES (TC 228)

ISO 11121:2017, Recreational diving services - Requirements for introductory programmes to scuba diving, $68.00

ISO 24803:2017, Recreational diving services - Requirements for recreational diving providers, $68.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 20311:2017, Traditional Chinese medicine - Salvia miltiorrhiza seeds and seedlings, $68.00

ISO 18668-2:2017, Traditional Chinese medicine - Coding system for Chinese medicines - Part 2: Codes for decoction pieces, $209.00

ISO 18668-3:2017, Traditional Chinese medicine - Coding system for Chinese medicines - Part 3: Codes for Chinese Materia Medica, $209.00

ISO 18668-4:2017, Traditional Chinese medicine - Coding system for Chinese medicines - Part 4: Codes for granule forms of individual medicinals for prescriptions, $232.00

ISO Technical Reports

PHOTOGRAPHY (TC 42)

ISO/TR 19263-1:2017, Photography - Archiving systems - Part 1: Best practices for digital image capture of cultural heritage material, $138.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 17574:2017, Electronic fee collection - Guidelines for security protection profiles, $209.00

ISO/TS 19091:2017, Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections, $232.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18031/Amd1:2017, Information technology - Security techniques - Random bit generation - Amendment 1: Deterministic random bit generation, $138.00

ISO/IEC 8825-2/Cor1:2017, Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) - Corrigendum, FREE

IEC Standards

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

IEC 61909 Ed. 1.0 en:2000, Audio recording - Minidisc system, $410.00

IEC 62943 Ed. 1.0 b:2017, Visible light beacon system for multimedia applications, $164.00

IEC 62680-3-1 Ed. 1.0 en:2017, Universal Serial Bus interfaces for data and power - Part 3-1: Universal Serial Bus 3.1 Specification, $410.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-39 Ed. 1.0 b:2017, Electromagnetic compatibility (EMC) - Part 4-39: Testing and measurement techniques - Radiated fields in close proximity - Immunity test, $281.00

ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)

IEC 60068-2-18 Ed. 3.0 b:2017, Environmental testing - Part 2-18: Tests - Test R and guidance: Water, $281.00

S+ IEC 60068-2-18 Ed. 3.0 en:2017 (Redline version), Environmental testing - Part 2-18: Tests - Test R and guidance: Water, $366.00

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62056-7-3 Ed. 1.0 en:2017, Electricity metering data exchange - The DLMS/COSEM suite - Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks, $235.00

FIBRE OPTICS (TC 86)

IEC 61280-4-4 Ed. 2.0 en:2017, Fibre optic communication subsystem test procedures - Part 4-4: Cable plants and links - Polarization mode dispersion measurement for installed links, $352.00

IEC 61300-2-55 Ed. 1.0 en:2017, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-55: Tests - Strength of mounted adaptor, $82.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/PAS 63088 Ed. 1.0 en:2017, Smart manufacturing - Reference architecture model industry 4.0 (RAMI4.0), $235.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60810 Amd.1 Ed. 4.0 b:2017, Amendment 1 - Lamps for road vehicles - Performance requirements, $23.00

IEC 60810 Ed. 4.1 b:2017, Lamps for road vehicles - Performance requirements, $469.00

LIGHTNING PROTECTION (TC 81)

IEC 62561-1 Ed. 2.0 b:2017, Lightning protection system components (LPSC) - Part 1: Requirements for connection components, $164.00

S+ IEC 62561-1 Ed. 2.0 en:2017 (Redline version), Lightning protection system components (LPSC) - Part 1: Requirements for connection components, $213.00

MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)

IEC 62586-2 Ed. 2.0 en:2017, Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements, $387.00

PRINTED ELECTRONICS (TC 119)

IEC 62899-502-1 Ed. 1.0 en:2017, Printed electronics - Part 502-1: Quality assessment - Organic light emitting diode (OLED) elements - Mechanical stress testing of OLED elements formed on flexible substrates, $164.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC 62745 Ed. 1.0 en:2017, Safety of machinery - Requirements for cableless control systems of machinery, $199.00

SECONDARY CELLS AND BATTERIES (TC 21)

IEC 61951-1 Ed. 4.0 b:2017, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 1: Nickel-Cadmium, $281.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 60068-2-69 Ed. 3.0 b:2017, Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method, $317.00

IEC Technical Reports

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC/TR 62977-2-3 Ed. 1.0 en:2017, Electronic display devices - Part 2-3: Measurements of optical properties - Multi-colour test patterns, $82.00

IEC Technical Specifications

ELECTROACOUSTICS (TC 29)

IEC/TS 62370 Amd.1 Ed. 1.0 en:2017, Amendment 1 - Electroacoustics - Instruments for the measurement of sound intensity - Electromagnetic and electrostatic compatibility requirements and test procedures, $12.00

IEC/TS 62370 Ed. 1.1 en:2017, Electroacoustics - Instruments for the measurement of sound intensity - Electromagnetic and electrostatic compatibility requirements and test procedures, $123.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified 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 notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them.

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

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 oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approvals of Reaccreditation

American Dental Association

ANSI's Executive Standards Council has approved the reaccreditation of the American Dental Association, an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on ADA-sponsored American National Standards, effective March 9, 2017. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, Center for Informatics & Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611; phone: 312.587.4129; e-mail: bralowerp@ada.org.

Building Owners and Managers Association (BOMA) International

The reaccreditation of the Building Owners and Managers Association (BOMA) International, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on BOMA International-sponsored American National Standards, effective March 10, 2017. For additional information, please contact: Ms. Lisa M. Prats, CAE, Vice-President, Marketing and International Affairs, BOMA International, 1101 15th Street, Suite 800, Washington, DC 20005; phone: 202.326.6338; e-mail: lprats@boma.org.

EIFS Industry Members Association (EIMA)

The reaccreditation of the EIFS Industry Members Association (EIMA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on EIMA-sponsored American National Standards, effective March 10, 2017. For additional information, please contact: Mr. Dustin Antonello, Manager, Regulatory and Technical Affairs, EIFS Industry Members Association, 513 West Broad Street, Suite 210, Falls Church, VA 22046-3257; phone: 703.538.1729; e-mail: dantonello@eima.com.

Withdrawal of ASD Accreditation

Electronic Security Association (ESA)

The ANSI accreditation of the Electronic Security Association (ESA) as a developer of American National Standards has been administratively withdrawn at the request of ESA, effective March 15, 2017. ESA currently maintains no American National Standards. For additional information, please contact: Ms. Michelle Yungblut, Vice-President, Training and Certification, Electronic Security Association, 6333 North State Highway 161, Suite 350, Irving, TX 75038; phone: 888.447.1689, ext. 6830; e-mail: michelle.yungblut@esaweb.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation of New Scopes

NSF Food Safety Certification, LLC

Comment Deadline: April 17, 2017

Mr. Craig Morr
Manager, Quality Assurance
NSF Food Safety Certification, LLC
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5143
E-mail: cmorr@nsf.org
Web: www.nsf.org

On March 9, 2017, NSF Food Safety Certification, LLC was granted accreditation for the following:

Certification Scheme: IFS IFS PacSecure Version 1.0

Scope of Accreditation:

* PacSecure

Please send your comments by April 17, 2017 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, 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, Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

UL LLC

Comment Deadline: April 17, 2017

Mr. Keith Mowry
Manager, Accreditation Services
UL LLC
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 272-8800
E-mail: keith.a.mowry@ul.com
Web: www.ul.com

On March 9, 2017, UL LLC was granted accreditation for the following:

Certification Scheme: US Safety Scheme

Scope of Accreditation:

* 29.060.01

Please send your comments by April 17, 2017 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, 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, Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 228 – Tourism and related services

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 228 and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Spain (UNE).

ISO/TC 228 operates under the following scope:

Standardization of the terminology and specifications of the services offered by tourism service providers, including related activities, touristic destinations and the requirements of facilities and equipment used by them, to provide tourism buyers, providers and consumers with criteria for making informed decisions.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

International Electrotechnical Commission (IEC)

Looking for Members for New US TAG, System Committee (SyC) Smart Cities

Title: IEC Systems Committee (SyC) Smart Cities

Scope:

To foster the development of standards in the field of electrotechnology to help with the integration, interoperability and effectiveness of city systems.

Note 1: This will be done:

- by promoting the collaboration and systems thinking between IEC/TCs, the SyC and other SDOs in relation to city system standards;
- by undertaking systems analysis to understand the needs for standards and assess new work item proposals (NWIPs) related to city systems;
- by developing systems standards where needed and by providing recommendations to existing SyCs, TCs/SCs and other SDOs.

Note 2: Overall common city goals include, for example, sustainable development, efficiency, resilience, safety and support for citizens' engagement and participation. However, an individual city will follow its own approach.

Note 3: "Cities" refers to any geographically located population.

Anyone interested in joining US TAG SyC Smart Cities is invited to contact Mr. Tony Zertuche, USNC General Secretary, at tzertuche@ansi.org.

U.S. Technical Advisory Groups

Reaccreditation

U.S. TAG to ISO Technical Committee 301 – Energy Management and Energy Savings

Comment Deadline: April 17, 2017

The U.S. Technical Advisory Group (TAG) to ISO Technical Committee 301, Energy Management and Energy Savings, has submitted to ANSI revisions to the procedures under which it was last reaccredited in 2015. As the revisions appear to be substantive in nature (these revisions are a complete rewrite of the TAG's previous procedures, and are based upon the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures), the reaccreditation process is initiated.

To obtain a copies of the revised procedures or to offer comments, please contact the TAG Administrator to the US TAG to ISO/TC 301: Ms. Deann Desai, Project Manager, Georgia Tech Enterprise Innovation Institute/Georgia Tech Energy and Sustainability Services, 1050 Willow Ridge, Athens, GA 30606; phone: (770) 605-4474; e-mail: deann.desai@innovate.gatech.edu. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to GTESS by April 17, 2017, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 171/SC2 – Document File Formats, EDMS Systems and Authenticity of Information

Comment Deadline: April 17, 2017

The U.S. Technical Advisory Group (TAG) to ISO TC 171/SC 2, Document File Formats, EDMS Systems and Authenticity of Information has voted to approve the transfer of TAG Administrator responsibilities from the Association for Information and Image Management (AIIM) to the 3D PDF Consortium. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) Please submit any comments on this action by April 17, 2017 to: Mr. Phil Spreier, Technical Director, 3D PDF Consortium,; 3855 SW 153rd Drive, Beaverton, OR, 97003; phone: 541.241.6223; e-mail: phil.spreier@3dpdfconsortium.org (please copy jthompso@ansi.org). If no comments are received, this action will be formally approved, effective April 18, 2017.

Meeting Notice

U.S.TAG to TC 301 – Energy Management and Energy Savings

The U.S. TAG to TC 301 Energy Management and Energy Savings will be meeting at ARCADIS U.S. Located at 50 Fountain Plaza, Suite 600 Buffalo, NY 14202. The dates of the meeting are May 2-4, 2017.

The meeting will be to review the international comments on documents including ISO CD3 50001, ISO CD 50008, and other related TC 301 documents in order to finalize the U.S. positions for the upcoming Working Group meetings and plenary in Beijing, China, May 29 – June 2, 2017.

Anyone interested in attending should contact Deann Desai at deann.desai@gatech.edu or Melody McElwee at melody.mcelwee@innovate.gatech.edu.

Summary of changes to proposed AAMI ST90, *Processing of health care products—Quality management systems for processing in health care facilities*

The following substantive changes were made following final ballot of the AAMI working group responsible for developing the standard:

1. Section 6.2.3: Changed ”Designated personnel should define and maintain an infrastructure needed to achieve conformity to product requirements.” to “Designated personnel shall define and maintain an infrastructure needed to achieve conformity to product requirements.”
2. Annex C, within C.1 Introduction: Changed “Product quality assurance (PQA) testing as defined in ANSI/AAMI ST79 is to be conducted in all health care facilities that sterilize medical devices.” to “Product quality assurance (PQA) testing as defined in ANSI/AAMI ST79 shall be conducted in all health care facilities that sterilize medical devices.”
3. With the change noted above, Annex C was changed to a normative annex rather than an informative annex.

BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 161-2013

Public Review Draft

Proposed Addendum d to Standard 161-2013, Air Quality within Commercial Aircraft

Second Public Review (March 2017)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements

for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This proposed addendum expands on the design and operational requirements intended to prevent overservicing of the aircraft engines and auxiliary power unit (APU) with engine oil. This second public review draft shows changes made to the first public review draft.

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

Addendum d to 161-2013

Revise Section 8.7 as shown below. The remainder of Section 8.7 is unchanged.

8.7 Engine Oil.

[…]

Maintenance

a. Operational procedures to prevent overservicing of each engine/APU oil reservoir shall be applied to reading the oil level, adding oil, and keeping an accurate record of oil additions, as follows:

1. Oil consumption in the engines/APU shall be accurately assessed in accordance with engine-manufacturer recommended practices or airline-specific standardized measurement practices. Such practices shall ensure that the oil level is read and recorded within the recommended time frame, preferably shortly after engine shutdown when the oil is still in an expanded state, but after allowing adequate time for any circulating oil to the return to the reservoir before measurements are collected.

2. Maintenance protocols shall ensure suitable education/training according to manufacturer-recommended procedures intended to prevent overservicing of each engine/APU oil reservoir and to prevent spillage. Manufacturers' procedures for oil servicing typically include: sequence of steps to ensure engine/APU is shut down properly, appropriate ~~specify the~~ time frame for servicing, the required condition of the engine/APU ~~during servicing~~, the level to which each reservoir shall be serviced, and the necessary equipment/methods~~, including the proper sequence of steps to ensure that the APU is properly shut down, which is a prerequisite for proper oil servicing~~. (Note: Normally, ~~A~~an open air intake door indicates that the APU was not shut down properly. If the APU is not shut down properly, then it will not de-oil. This could lead to oil weeping from a compressor seal or potentially result in overservicing due to misreading of the oil level.) Equipment shall be provided that allows addition of fractions of a packaging size of oil wherever a complete addition of the smallest

available oil packaging size can lead to overservicing.

3. The addition of oil shall be logged according to the actual amounts added, not the package size used to service the particular unit, as described in Section 2.

[…]

BSR/SPRI VF-1 External Fire Design Standard for Vegetative Roofs

2.6 Firebreak
A *Firebreak* is a section of the roof that is covered with stone Ballast or concrete pavers ~~at a minimum meets the Class A fire classification requirements of ASTM E108,~~ and acts to slow or stop the progress of a rooftop fire.

3.4 *Firebreak*s
Where required *Firebreaks* shall be installed to provide ~~consist of stone *Ballast* or concrete paver blocks for~~ a minimum 6-ft wide (1.8 m) continuous border.

2.1 *Area Divider*
An area of the roof that meets Class A fire classification requirements when tested per ASTM E108.

3.5 *Area Divider*
Where required an *Area Divider* shall be installed to provide ~~consist of~~ a minimum 13 ~~6~~-ft wide (4.0 ~~1.8~~ m) separation zone. ~~meeting the requirements of an ASTM E108 Class A fire classification.~~

3.6 Border Zone
A minimum 3 ~~1.5~~-ft wide (1 ~~0.5~~ m) continuous border free of vegetation and *Growing Media*.

Impact of these revisions:
1. Clarifies the difference between a Firebreak and an Area Divider
2. Requires that a Firebreak consists of stone ballast or concrete pavers
3. Increases the size of the area divider from 6-ft wide to 13-ft wide based on FM's loss prevention review.
4. Increases the size of the border zone from 1.5-ft wide to 3-ft wide based on FM's loss prevention review.

BSR/UL 985-201x, Standard for Safety for Household Fire Warning System Units

1. Web or Internet Downloadable Digital Installation Instructions for Internet Required Products

PROPOSAL

79.1 Installation instructions shall be provided with each household control unit illustrating the field connection to be made. The drawing may be attached to the unit or, if separate, shall be referenced in the marking attached to the unit by the name or trademark of the manufacturer, drawing number, and issue date and/or revision level.

Exception No. 1: For products intended only to be installed by a trained installer the installation instructions containing the information required by 79.2 - 79.7 is not prohibited from being made available by one or more of the following means:

a) Electronic instructions within the basic product software;

b) Electronic media such as website, CD-ROM, DVD, etc.; or

c) When the instructions are included as described in (a) or (b), the instructions shall be referenced in the product marking by:

1) Name or trademark of manufacturer,

2) Drawing number, <URL address> (This may be a root or home page and not a specific location), and/or equivalent identification, and

3) Issue date, revision level, and/or release date, or equivalent information such as date of manufacture or firmware level, which correlates the applicable digital manual revision to the product's current hardware/software. (For example, the product is marked with the date of manufacture or firmware level and the digital manual references the date or firmware range to which the manual is applicable).

(New)
Exception No. 2: Installation instructions for products that require an Internet connection for initial configuration containing the information required by 79.2 - 79.7 is not prohibited from being made available by the means provided in 79.1, exception 1, given the requirements of one of the following are met:

a) Where hardcopy installation instructions are not provided, the product annunciates an audible trouble signal when the product is energized until the product is setup; or

b) A constant visual signal visible to the user after the product is installed is permitted to be used in lieu of the audible trouble signal required by 79.1 Exception 2 (1) when the following information is provided in hardcopy with the product:

1. Statement the device must be installed and configured before it is to be used,

2. Statement the full manual is to be obtained before installation is started and the website or online location where it is available, and

3. Description of the visual indication given and its meaning.

80.4 Products ~~intended to be installed by a trained installer and~~ utilizing electronic media for the installation instructions per Section 79, shall include information on how to receive a printed copy of the installation instructions either via marking on the product or hardcopy provided with the product.

2. Charging Current Test

PROPOSAL

51.2.4 At the conclusion of the discharge period, maximum (alarm) load is to be applied for 4 minutes. The battery terminal voltage of the discharge battery and the voltage of all output circuits is then to be measured.

Exception: Where a combination system includes carbon monoxide signaling, after the 4 minutes of fire or carbon monoxide alarm, the maximum carbon monoxide alarm load shall continue to be applied for a period of not be less than 12 hours~~, followed by 7 consecutive days of trouble (audible and visual) signals~~. The 5-second "off" time of the carbon monoxide alarm signal shall be permitted to be changed to 60 seconds plus or minus 10 percent.

3. Power-Supply Cord

PROPOSAL

26.5 A restraining means shall be provided for securing the attachment-plug cap to the receptacle.

(New)
Exception: Products utilizing a secondary power source meeting the requirements of section 51, Charging Current Test, and where loss of the AC primary power source results in annunciation of an audible trouble signal meeting Clause 44.3.

BSR/UL 1023-201x, Standard for Safety for Household Burglar-Alarm System Units

1. Web or Internet Downloadable Digital Installation Instructions for Internet Required Products

PROPOSAL

(New)
3.13 TRAINED INSTALLER - An individual knowledgeable in the product operation and who has received instruction on installing the product.

4.4 The instructions may be incorporated on the inside of the product, on a separate sheet, or as part of a manual. If not included directly on the product, the instructions or manual shall be referenced in the marking information on the product. See Markings, Section 86.

(New)
Exception No. 1: For products intended only to be installed by a trained installer, the installation instructions containing the information required by 85A.2-85A.5 is not prohibited from being made available by one or more of the following means:

a) Electronic instructions within the basic product software;

b) Electronic media such as website, CD-ROM, DVD, etc.; or

c) When the instructions are included as described in (a) or (b), the instructions shall be referenced in the product marking by:

1) Name or trademark of manufacturer,

2) Drawing number, URL address(This may be a root or home page and not a specific location), and/or equivalent identification, and

3) Issue date, revision level, and/or release date, or equivalent information such as date of manufacture or firmware level, which correlates the applicable digital manual revision to the product's current hardware/software. (For example, the product is marked with the date of manufacture or firmware level and the digital manual references the date or firmware range to which the manual is applicable).

Exception No. 2: Installation instructions for products that require an Internet connection for initial configuration containing the information required by 4.1-4.3 is not prohibited from being made available by the means provided in 4.4, exception 1, given the requirements of one of the following are met:

a) Where hardcopy installation instructions are not provided, the product annunciates an audible trouble signal when the product is energized until the product is setup; or

b) A constant visual signal visible to the user after the product is installed is permitted to be used in lieu of the audible trouble signal required by 4.4 Exception 2 (1) when the following information is provided in hardcopy with the product:

1) Statement the device must be installed and configured before it is to be used,

2) Statement the full manual is to be obtained before installation is started and the website or online location where it is available, and

3) Description of the visual indication given and its meaning.

(New)
86.17 Products intended to be installed by a trained installer shall be marked: Installation only by trained installer. The marking shall be in letters not less than 7/64 inch (2.8 mm) high.

(New)
86.18 Products utilizing electronic media for the installation instructions per Section 4, shall include information on how to receive a printed copy of the installation instructions either via marking on the product or hardcopy provided with the product.

2. Cord-Connected Products

PROPOSAL

11.5 A restraining means shall be provided for securing the attachment plug or plug-in transformer to the receptacle.

(New)
Exception: Products utilizing a secondary power source meeting the requirements of section 46, Charging Current Test, and where loss of the AC primary power source results in annunciation of an audible trouble signal.

BSR/UL 1637-201x, Standard for Safety for Home Health Care Signaling Equipment

1. Charging Current Test

PROPOSAL

38.4 After maximum standby load has been applied at the residential control unit for 5 minutes, battery terminal voltage shall be not less than 85 percent of the marked ratings of the output circuits.

Exception: Where a combination system includes carbon monoxide signaling, after the 5 minutes of home health care or carbon monoxide alarm, the maximum carbon monoxide alarm load shall continue to be applied for a period of not be less than 12 hours~~, followed by 7 consecutive days of trouble (audible and visual) signals~~. The 5-second "off" time of the carbon monoxide alarm signal shall be permitted to be changed to 60 seconds plus or minus 10 percent.

2. Cord-Connected Equipment

PROPOSAL

8.6.4 A smoothly rounded restraining means shall be provided for securing the attachment plug to the receptacle.

(NEW)
Exception: Products utilizing a secondary power source meeting the requirements of section 38, Charging Current Test, and where loss of the AC primary power source results in annunciation of an audible trouble signal.

BSR/UL 1821-201x, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service

1. **Transition from Carbon Arc to Xenon Arc**

PROPOSAL

29.1.2 The surfaces of test samples are to be subjected to the following exposures:

a) Water immersion specified in 29.3, for 30, 90, and 180 days;

b) Air-oven aging specified in 29.4, for 30, 90, and 180 days; and

c) Accelerated light and water specified in 29.5~~, for 360 hours~~.

Exception: If the pipe and fittings are shipped from the manufacturer in a manner that protects the product from the sunlight such as by the use of special packaging, the exposure period for the test noted in 29.1.2(c) is allowed to be reduced to 45 hours for carbon arc exposure or 65 hours for xenon arc exposure.

29.5 Light and water exposure

29.5.1 The test samples are to be exposed for 360 hours to light and water in an accelerated light and water exposure apparatus, as specified in 29.5.2 and 29.5.3.

29.5.2 The apparatus used is to provide ultraviolet light from two enclosed carbon arcs formed between vertical electrodes 1/2 inch (12.7 mm) in diameter, located at the center of a revolvable vertical metal cylinder 31 inches (787 mm) in diameter and 17-3/4 inches (451 mm) high. The arcs are to operate with approximately 15 to 17 amperes ac and the potential across the arcs is to be approximately 120 to 145 volts. The arcs are to be enclosed by clear globes of No. 9200-PX Pyrex glass.

29.5.3 The samples are to be vertically mounted on the inside of the cylinder, facing the arcs, and the cylinder is to be rotated about the arcs at one revolution per minute. A system of nozzles is to be provided so that each sample is sprayed in turn with water as the cylinder revolves. During each 20 minute operating cycle, each sample is to be exposed to light from the arcs for 17 minutes and to water spray with light for 3 minutes. The temperature within the cylinder is to be 145 ±9°F (63 ±5°C) while the apparatus is in operation.

29.5.4 As an alternate to the test in sections 29.5.1-29.5.3, the test samples are to be exposed for 500 hours to light and water in accordance with 29.5.5.

29.5.5 Specimens are to be exposed to ultraviolet light and waterspray by using a Xenon-arc lamp in accordance with the Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices That Use Laboratory Light Sources, ASTM G151,

and the Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G155. The spectral power distribution of the xenon lamp shall conform to the requirement in Table 1 in ASTM G155 for a xenon lamp with daylight filters. A programmed cycle of 120 minutes consisting of a 102-minute light exposure and an 18-minute exposure to water spray with light shall be used. The apparatus shall operate with a spectral irradiance of 0.35 W/m2 nm at 340 nm and a black-panel temperature of 145.4 ± 5.4°F (63 ± 3°C).