ANSI STANDARDS ACTION

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CONTENTS

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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. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

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.

ASTM (ASTM International)

Contact: Laura Klineburger (610) 832-9744 accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org

Revision

BSR/ASTM F1955-202x, Test Method for Flammability of Sleeping Bags (revision of ANSI/ASTM F1955-2015)

Stakeholders: Camping Softgoods industries
Project Need: This test method is suitable to assess the fabric burn rate of sleeping bag fabrics.
This fire-test response test method contains a method to assess the flammability, expressed as a burn rate, of sleeping bags which use various materials and constructions in their manufacture.

ASTM (ASTM International)

Contact: Laura Klineburger (610) 832-9744 accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org

Revision

BSR/ASTM F2075-202x, Standard Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment (revision of BSR/ASTM F2075-202x)

Stakeholders: Playground Surfacing Systems industries.
Project Need: The goal of this specification is to establish a uniform means to measure the characteristics of engineered wood fiber in order to provide the potential buyer with performance specifications to select an engineered wood fiber suitable to meet the needs of playground designers, operators, and manufacturers.
The need for a systematic means of evaluating engineered wood fiber for use as a playground safety surface from the standpoint of particle size, consistency, purity, and ability to drain, has become a growing concern of the designers, operators, and manufacturers of engineered wood fiber systems.

ASTM (ASTM International)

Contact: Laura Klineburger (610) 832-9744 accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org

New Standard

BSR/ASTM WK73913-202x, New Test Method for Lifetime Testing for Secondary Hoses Related to Upright Vacuum Cleaners (new standard)

Stakeholders: Durability-Reliability industry.
Project Need: Different studies show that one of the main malfunctions of upright vacuum cleaners is the breaking of the secondary hose. A new standard is needed to assess the durability of the secondary hose.
Develop a lifetime test for stretch hoses used as secondary hoses on upright vacuum cleaners. Lifetime test is based on the main characteristic of the stretch hose, namely axial elongation and compression. The first choice is to define a test carried out on existing test equipment.

DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)

Contact: Ray Admire (972) 603-2074 ray.admire@lmco
1350 SW Alsbury Blvd., #514, Burleson, TX 76028 www.dmis.org

New Standard

BSR/DMSC MBPC v1.0-202x, Product Characteristics: Nomenclature, Definitions, Symbols, and Practices (new standard)

Stakeholders: Expected participation includes automotive, aerospace, medical equipment manufacturers; academia; government; OEMs; and technology manufacturing companies.
Project Need: In general, there is a currently a lack of definition and compatibility across a variety of CAD platforms for dimension or feature descriptors. These descriptors are an important drawing addition to assure communication of design intent throughout the manufacturing supply chain.
To develop and propose a standard for model-based product characteristics: nomenclature, definitions, symbols, and practice, all with the goal of becoming an American National Standard.

HIBCC (Health Industry Business Communications Council)

Contact: Allison Mehr (602) 381-1091 101 allisonmehr@hibcc.org
2525 E. Arizona Biltmore Circle Ste. 127, Phoenix, AZ 85016 www.hibcc.org

New Standard

BSR/HIBC PAS 1.4-202x, The Health Industry Bar Code (HIBC) Provider Applications Standard (new standard)

Stakeholders: Healthcare providers, medical device manufacturers, pharmaceutical manufacturers, medical/surgical manufacturers, distributors, technology providers.
Project Need: This standard defines a list of attributes that can be used to identify the type of item or transaction within a provider facility. The standard also defines appropriate data structures, symbologies, and print quality levels. Providers of health care services are strongly encouraged to use bar code labeling incorporating bar code symbols in accordance with the standards described in this standard.
Specifies the minimum requirements and optional structures for the machine-readable identification for health industry applications. Provides guidance for the formatting and placement of data presented in linear bar code, two-dimensional-symbol or human-readable format. Makes recommendations as to label placement, size, material, and the inclusion of free text and any appropriate graphics.

HPVA (Hardwood Plywood Veneer Association)

Contact: Brian Sause (703) 435-2900 127 standards@decorativehardwoods.org
42777 Trade West Drive, Sterling, VA 20166 www.DecorativeHardwoods.org

Revision

BSR/HPVA LTDD 2.0-202x, Standard for Due Diligence in Procuring/Sourcing Legal Timber (revision and redesignation of BSR/HPVA LTDD 1.0-2015)

Stakeholders: Timber owners, timber purchasers, importers of wood and wood products, wood products manufacturers, fabricators using wood products, government organizations, environmental organizations.
Project Need: Revisions are to be considered to improve the overall applicability of the current provisions.
The purpose of this Standard is to document the best internal due-diligence quality-assurance program for establishing confidence that illegal timber is excluded from the timber supply chain. It is intended to assist companies in establishing a suitable quality-assurance program to significantly reduce the risk of illegal timber and wood products entering their supply chain and to demonstrate the level of due diligence in controlling associated risk.

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

Contact: Deborah Spittle (202) 737-8888 comments@standards.incits.org
700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org

New Standard

INCITS 574-202x, Information Technology - ATA Command Set - 6 (ACS-6) (new standard)

Stakeholders: ICT industry.
Project Need: Briefly identifies why a standard is needed, rather than another kind of solution. Describes existing practice in the area of a proposed document to aid in judging timeliness and appropriateness of the project. Addresses the expected stability of the proposed document with respect to both current technology and potential technological advances.
ACS-6 is the next generation of the ATA Command Set standards. It follows ATA8-ACS, ACS-2, ACS-3, ACS-4, and ACS-5. ACS-6 would: document the command set implemented by devices that support the ATA architecture; address new features that were not sufficiently developed for ACS-5; address any other proposals or modifications to the command set suggested or proposed by a T13 committee member; and other capabilities that may fit within the scope of this project.

NECA (National Electrical Contractors Association)

Contact: Lina Jariri (240) 800-5003 lina.jariri@necanet.org
3 Bethesda Metro Center, Suite 1100, Bethesda, MD 20814 www.neca-neis.org

New Standard

BSR/NECA 406-202X, Standard for Installing and Maintaining Residential Generator Sets (new standard)

Stakeholders: Electrical contractors, electrical engineers, building owners, facility maintenance engineers.
Project Need: National Electrical Installation Standards (developed in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner. This Standard describes installation and maintenance procedures for residential generators fueled by gasoline, natural gas, or liquefied petroleum gas (LP or propane) and permanently installed at one-family dwellings to provide backup power. Residential generators are usually rated 240/120 volts, single-phase, three-wire. Some larger one-family dwellings have three-phase electrical systems and may use backup generators rated 208Y/120 volts, three-phase, four-wire.

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

Contact: Bret Kelsey (312) 321-6826 bkelsey@resna.org
2025 M Street NW, Suite 800, Washington, DC 20036 www.resna.org

Revision

BSR/RESNA IF-1-202x, RESNA Standard for Inclusive Fitness - Volume 1: RESNA Standard for Inclusive Fitness Environments (revision of ANSI/RESNA IF-1-2018)

Stakeholders: People with impairment and/or disability and the fitness industry, including facility operators, trainers, and staff members; fitness equipment manufacturers, designers, and distributors; fitness facilities, gyms, and health clubs connected with a hotel/motel, resort, school, airport, spa, or recreation center (such as YMCA); inclusive fitness researchers and test laboratories; and policy makers.
Project Need: Enhances RESNA IF-1:2018 by adding the disclosure of additional inclusive fitness information, standards, and policies for fitness facility owners and policy makers to use in creating inclusive fitness environments. Clarifies clearance space requirements around certain fitness equipment. Clarifies how certain evaluation methods can be used to show compliance.
This standard discloses available inclusive fitness information, standards, and policies that facilitate accessible fitness environments for people of all abilities, including facility layout, equipment, staff, trainers, programming, and outreach and marketing. This standard establishes additional requirements to address current gaps in the inclusive fitness environment. This standard will specify objective information to be disclosed in order to identify fitness facilities and fitness equipment in mainstream, public facilities that meet access requirements for people with impairments and/or disabilities.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney (800) 542-5040 kcooney@scte.org
140 Philips Rd, Exton, PA 19341 www.scte.org

Revision

BSR/SCTE 224-202x, Event Scheduling and Notification Interface (ESNI) (revision of ANSI/SCTE 224-2018)

Stakeholders: Cable Telecommunications industry.
Project Need: Update current technology.
This document defines the Event Scheduling and Notification Interface (ESNI), which is a web interface facilitating the transmission of event and policy information. ESNI provides a functional method for providers to communicate upcoming schedule or signal-based events and corresponding policy to distributors. This interface allows existing content distribution controls traditionally performed via manual control in IRD's by providers to be replaced with a programmatic interface (this standard). ESNI policy enables control of content distributed to audiences based on attributes of that audience including (but not limited to) geographic location and device type.

VITA (VMEbus International Trade Association (VITA))

Contact: Jing Kwok (602) 281-4497 jing.kwok@vita.com
929 W. Portobello Avenue, Mesa, AZ 85210 www.vita.com

Revision

BSR/VITA 46.11-202x, System Management on VPX (revision of ANSI/VITA 46.11-2015)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.
Project Need: Provides system management for modular embedded computers.
This document defines a framework for System Management in VPX systems. It enables interoperability within the VPX ecosystem at the Field Replaceable Unit (FRU), chassis, and system levels. The framework is based on the Intelligent Platform Management Interface (IPMI) specification and leverages many concepts and definitions from the AdvancedTCA® (ATCA®) specification by PICMG®. This revision adds event logging, more FRU capability, message bridging, more commands, and new sensors.

Call for Comment on Standards Proposals

American National Standards

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. e-mail:psa@ansi.org
* Standard for consumer products

Comment Deadline: October 4, 2020

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1c-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

The definition for unusual source is unclear in distinguishing whether rarely refers to a source that is intermittent or transient within a space or if it is meant in the sense of commonality as in an object that would not be commonly found within in a space regardless of the duration of its presence. This proposed addendum seeks to bring clarity to what the committee considers as an unusual source. The new definition makes clear that the unusual nature of a source has to do with its relationship to common items and activities within the space.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum 62.1d-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

This proposed addendum clarifies that open-circuit cooling towers, closed-circuit cooling towers, and evaporative condensers are all covered by the minimum separation distance requirements.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: October 4, 2020

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org

Revision

BSR/NSF 350-202x (i52r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org

Revision

BSR/NSF 350-202x (i54r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org

Revision

BSR/NSF 350-202x (i56r4), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

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Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org

Revision

BSR/NSF/CAN 50-202x (i164r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

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

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

Comment Deadline: October 4, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 779-202x, Standard for Safety for Electrically Conductive Floorings (revision of ANSI/UL 779-2011 (R2016))

This proposal for UL 779 covers: Revisions to permit the use of electronic medium for required documentation.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2023 w: https://ul.org/

Revision

BSR/UL 982-202x, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)

This proposal for UL 982 covers: (7) Wand-Type Mixer – Aligning Instructions with Recent Revisions to 72.1(c)

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 1067-202x, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (revision of ANSI/UL 1067-2011 (R2015))

This proposal for UL 1067 covers: Revisions to permit the use of electronic medium for required documentation.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 p: (847) 664-3198 w: https://ul.org/

Revision

BSR/UL 1576-202X, Standard for Safety for Flash Lights and Lanterns (revision of ANSI/UL 1576-2018)

(1) Proposed revisions to the scope and addition of photobiological safety assessment to clarify requirements with ultraviolet (UV) radiation sources.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-1725 w: https://ul.org/

Revision

BSR/UL 61730-2-202x, Standard for Safety for Photovoltaic (PV) module safety qualification - Part 2: Requirements for Testing (revision of ANSI/UL 61730-2-2020)

This proposal for UL 61730-2 covers: (1) Addition of a new fire type 34 in 10.17DV.4.5.2 and Table 10.17DV.4.6.1.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: October 19, 2020

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8261 w: www.aami.org

New National Adoption

BSR/AAMI/ISO 80369-7-202x, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications (identical national adoption of ISO 80369-7 and revision of ANSI/AAMI/ISO 80369-7-2016)

Specifies dimensions and requirements for the design and functional performance of small-bore connectors intended to be used for connections in intravascular applications or hypodermic connections in hypodermic applications of medical devices and accessories.

Single copy price: Free
Obtain an electronic copy from: celliott@aami.org
Send comments (with optional copy to psa@ansi.org) to: celliott@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8261 w: www.aami.org

Reaffirmation

BSR/AAMI/ISO 80369-20-2015 (R202x), Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods (reaffirmation of ANSI/AAMI/ISO 80369-20-2015)

Specifies the test methods to evaluate the performance requirements for small-bore connectors specified in the ISO 80369- series.

Single copy price: Free
Obtain an electronic copy from: celliott@aami.org
Send comments (with optional copy to psa@ansi.org) to: celliott@aami.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: www.ans.org

Reaffirmation

BSR/ANS 2.2-2016 (R202x), Earthquake Instrumentation Criteria for Nuclear Power Plants (reaffirmation of ANSI/ANS 2.2-2016)

This standard specifies the required earthquake instrumentation used for the recording of seismic data and evaluation of the possible effects after a seismic event for the site and Category I structures of light-water-cooled and land-based nuclear power plants. It may be used for guidance at other types of nuclear facilities. This standard does not address the following: (a) instrumentation to automatically shutdown a nuclear power plant at a predetermined ground acceleration and (b) procedures for evaluating records obtained from seismic instrumentation and instructions for the treatment of data.

Single copy price: $155.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: Pat Schroeder, pschroeder@ans.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: www.ans.org

Reaffirmation

BSR/ANS 2.23-2016 (R202x), Nuclear Power Plant Response to an Earthquake (reaffirmation of ANSI/ANS 2.23-2016)

This standard provides criteria that the owner of a nuclear power plant can adopt to prepare for, and respond to, a felt earthquake at his plant(s), including the need for plant shutdown, assessment of damage, and actions to determine the readiness of the plant to resume operation and to verify the long-term integrity of the plant. The criteria consider both the level of any observed damage and the severity of a felt and recorded earthquake in defining a rational, experience-based approach to determine the damage potential of an earthquake and the actions needed to demonstrate readiness of a plant to restart.

Single copy price: $180.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: Pat Schroeder, pschroeder@ans.org

Comment Deadline: October 19, 2020

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 757-1213 w: https://www.asabe.org/

Revision

BSR/ASABE EP585.1 MON-202x, Animal Mortality Composting (revision and redesignation of ANSI/ASABE EP585.1 MON-202x)

This Engineering Practice provides guidelines for biosecure, environmentally acceptable, and economically sustainable disposal of livestock and poultry carcasses and carcass parts via composting.

Single copy price: $48.00 (ASABE Members); $68.00 (Non-Members)
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh (269) 757-1213 walsh@asabe.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM F493-202x, Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger (610) 832-9744 accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK56178-202x, Guide for Care and Treatment of Body Padding Products (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger (610) 832-9744 accreditation@astm.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK60202-202x, Guide for Homogeneity of Samples and Reference Materials Used for Inter- and Intra-Laboratory Studies (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger (610) 832-9744 accreditation@astm.org
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK66202-202x, Test Method for Portable Instrumented Surface Indenter for Measurement of Firmness and Stability (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK69495-202x, Guide for Using Fourier Transform Infrared Spectrometry to Evaluate Synthetic Surface Components (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK69498-202x, Test Method for Performing Whole Rock and Clay Fraction X-Ray Diffraction (XRD) on Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
Order from: Laura Klineburger (610) 832-9744 accreditation@astm.org
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK72727-202x, Test Method for Microscopy to Determine Equine Surface Sand and Fiber Shape (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free
Obtain an electronic copy from: lklineburger@astm.org
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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

New Standard

BSR/ASTM WK73001-202x, Test Method for Determining the Volumetric Moisture Content of Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK73002-202x, Test Method for Determining the Bulk Density of Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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New Standard

BSR/ASTM WK73003-202x, Test Method for Removal of Wax-Oil Based Coatings and Binders used in Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK73004-202x, Test Method for Fiber Removal and Fiber Characterization in Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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New Standard

BSR/ASTM WK73005-202x, Test Method for Determining the Total Organic Content by Mass of Equine Surfaces (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Reaffirmation

BSR/ASTM D2859-2016 (R202x), Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials (reaffirmation of ANSI/ASTM D2859-2016)

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Reaffirmation

BSR/ASTM E105-2016 (R202x), Practice for Probability Sampling of Materials (reaffirmation of ANSI/ASTM E105-2016)

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Reaffirmation

BSR/ASTM E178-2016 (R202x), Practice for Dealing with Outlying Observations (reaffirmation of ANSI/ASTM E178-2016)

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Reaffirmation

BSR/ASTM E2281-2015 (R202x), Practice for Process Capability and Performance Measurement (reaffirmation of ANSI/ASTM E2281-2015)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM D2672-202x, Specification for Joints for IPS PVC Pipe Using Solvent Cement (revision of ANSI/ASTM D2672-2017)

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Revision

BSR/ASTM E84-202x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2020)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM E177-202x, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2019)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E662-202x, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-2019a)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

Revision

BSR/ASTM E691-202x, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2019)

https://www.astm.org/ANSI_SA

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100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

Revision

BSR/ASTM E1353-202x, Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture (revision of ANSI/ASTM E1353-2016)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E1678-202x, Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analysis (revision of ANSI/ASTM E1678-2015)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E1995-202x, Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, with the Test Specimen Oriented Horizontally (revision of ANSI/ASTM E1995-2018)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM E2579-202x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2019)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E2653-202x, Practice for Conducting an Interlaboratory Study to Determine Precision Estimates for a Fire Test Method with Fewer than Six Participating Laboratories (revision of ANSI/ASTM E2653-2015)

https://www.astm.org/ANSI_SA

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Revision

BSR/ASTM E2886-202x, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (revision and redesignation of ANSI/ASTM E2886/E2886M-2014)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM F1163-202x, Specification for Protective Headgear Used in Horse Sports and Horseback Riding (revision of ANSI/ASTM F1163 -2015)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

Revision

BSR/ASTM F1951-202x, Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment (revision of ANSI/ASTM F1951-2014)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

Revision

BSR/ASTM F3189-202x, Test Method for Measuring Force Reduction, Vertical Deformation, and Energy Restitution of Synthetic Turf Systems Using the Advanced Artificial Athlete (revision of ANSI/ASTM F3189-2017)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)

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Revision

BSR/ASTM F3313-202x, Test Method for Determining Impact Attenuation of Playground Surfaces within the Use Zone of Playground Equipment as Tested in the Field (revision of ANSI/ASTM F3313-2019)

https://www.astm.org/ANSI_SA

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ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 628-6380 w: www.atis.org

Revision

BSR/ATIS 0600336-202x, Design Requirements for Universal Cabinets and Framework (revision of ANSI/ATIS 0600336-2015)

This standard, when used with established sheet metal manufacturing practices, sets forth the dimensional parameters, performance requirements, and acceptance criteria for the manufacture and availability of equipment frames for housing electronic equipment as used in communications networks. These frames are intended to be installed in communication carrier spaces. The cabinets and framework described will be designed to common dimensional footprints; have greater performance for handling larger, heavier equipment; and dimensional parameters that may be used for designing future communications equipment. The cabinets and framework described are to be available as general-purpose products for use by those electronic equipment manufacturers and service providers that do not design and manufacture their own proprietary cabinets and framework.

Single copy price: $175.00
Obtain an electronic copy from: dgreco@atis.org
Send comments (with optional copy to psa@ansi.org) to: dgreco@atis.org

Comment Deadline: October 19, 2020

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org

Reaffirmation

BSR/IAS LC-2-1996 (R202x), Direct Gas-Fired Heaters for Agricultural Animal Confinement Buildings (reaffirmation of ANSI/IAS LC-2-1996 (R2015))

Details test and examination criteria for direct gas-fired circulating heaters primarily intended for permanent installation in agricultural animal confinement buildings for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.

Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Order from: David Zimmerman (216) 524-4990 ansi.contact@csagroup.org
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CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org

Revision

BSR Z83.26-201x/CSA 2.37-202x, Gas-Fired Outdoor Infrared Patio Heaters (same as CSA 2.37) (revision and redesignation of ANSI Z83.26 -202x)

Patio heaters for heating residential or nonresidential outdoor spaces. Outdoor heaters may be suspended overhead, angle-mounted overhead, wall-mounted, or floor-mounted. Floor-mounted heaters may be free-standing or portable. Outdoor heaters may be connected to a fixed fuel piping system or connected to an integral self-contained LP gas supply. Cylinder size shall be limited to 20 lb of fuel.

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Order from: David Zimmerman (216) 524-4990 ansi.contact@csagroup.org
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ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 p: (212) 244-1505 w: www.esta.org

Reaffirmation

BSR E1.37-2-2015 (R202x), Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (reaffirmation of ANSI E1.37-2-2015)

E1.37-2 is another part of the multi-part, open-ended E1.37 standard. It provides additional Get/Set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are intended for configuring network interfaces, routing information, and Domain Name System settings on devices with IPv4 addresses.

Single copy price: Free
Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php
Order from: Karl Ruling (212) 244-1505 standards@esta.org
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FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org

Revision

BSR/FCI 70-2-202x, Control Valve Seat Leakage Testing (revision of ANSI/FCI 70-2-2013)

This standard establishes a series of seat leakage classes for control valves and defines production test procedures.

Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (with optional copy to psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

Comment Deadline: October 19, 2020

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

Revision

BSR/SCTE 211-202x, Energy Metrics for Cable Operator Access Networks (revision of ANSI/SCTE 211-2015)

This document contains metrics for measuring the energy efficiency of access networks (ANs) that are utilized to transport information between a service provider and a plurality of users. For the purposes of this document, the AN includes all active and passive equipment between the headend or hub, referred in this standard as the “hub,” and the demarcation point at the user premises. This document does not include any equipment inside the hub, nor does it include any customer premises equipment (CPE).

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709 p: (613) 368-4432 w: https://ul.org/

Reaffirmation

BSR/UL 752-2006 (R202x), Standard for Safety for Bullet-Resisting Equipment (reaffirmation of ANSI/UL 752-2006 (R2015))

UL proposes a reaffirmation for ANSI approval of UL 752-2006 (R2015). These requirements cover materials, devices, and fixtures used to form bullet-resisting barriers which protect against robbery, holdup, or armed attack such as those by snipers. This standard can also be used to determine the bullet resistance of building components that do not fit the definition of equipment, such as windows, walls, or barriers made out of bullet-resistant materials. As used in these requirements, the term "bullet-resisting" signifies that protection is provided against complete penetration, passage of fragments of projectiles, or spalling (fragmentation) of the protective material to the degree that injury would be caused to a person standing directly behind the bullet-resisting barrier. These requirements also cover electrically operated equipment, such as teller's fixtures using electrically driven deal trays or package passers, and intercommunication or other electrical equipment that is an integral part of the bullet-resisting product. The term "product" as used in this standard refers to all bullet-resisting equipment or any part thereof covered by this standard unless specifically noted otherwise.

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Reaffirmation

BSR/UL 783-2003 (R202x), Standard for Safety for Electric Flashlights and Lanterns for Hazardous Locations (reaffirmation of ANSI/UL 783 -2003 (R2016))

This proposal for UL 783 covers: Reaffirmation and continuance of the sixth edition of the Standard for Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations, UL 783, as an American National Standard.

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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709 p: (613) 368-4432 w: https://ul.org/

Reaffirmation

BSR/UL 972-2005 (R202x), Standard for Safety for Burglary-Resistant Glazing Material (reaffirmation of ANSI/UL 972-2005 (R2015))

UL proposes a reaffirmation for ANSI approval of UL 972-2006 (R2015). These requirements cover clear, translucent, or opaque glazing material intended for indoor and outdoor use principally as a substitute for plate glass show windows or show case panels. The material is intended to resist burglarious attacks of the "hit and run" type. These requirements do not cover the glazing (mounting) methods used for the installation of burglary-resisting glazing material.

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UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4259 w: https://ul.org/

Reaffirmation

BSR/UL 2460-2015 (R202x), Standard for Safety for Nonshielded Cable (reaffirmation of ANSI/UL 2460-2015)

These requirements cover single-conductor, nonshielded cables rated 5000 or 8000 volts, 90°C, described in Table 1.1 in the standard that are intended solely for use as factory-installed wiring in equipment (internal wiring), in industrial applications where such cable systems are maintained by trained personnel, not as Type MV.

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VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 p: (602) 281-4497 w: www.vita.com

Reaffirmation

BSR/VITA 17.1-2015 (R202x), Serial Front Panel Data Port (reaffirmation of ANSI/VITA 17.1-2015)

This document describes an open standard for “Serial FPDP”, a high-speed low-latency serial communications protocol for use in high-speed data transfer applications, typically using a fiber optic link. As the name implies, it is directly related to Standard Front Panel Data Port (FPDP), deriving its serial protocol from the defined protocol and control signals of FPDP. This Serial FPDP standard supports seven link speeds: 1.0625 Gbaud, 2.125, 2.5, 4.25, 5.0, 8.5, and 10.0 Gbaud. These seven link speeds can support data transfer rates in excess of 105 MBps, 210 MBps, 247 MBps, 420 MBps, 494 MBps, 840 MBps, and 988 MBps, respectively.

Single copy price: $25.00
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VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 p: (602) 281-4497 w: www.vita.com

Reaffirmation

BSR/VITA 49.0-2015 (R202x), VITA Radio Transport (VRT) Standard (reaffirmation of ANSI/VITA 49.0-2015)

The VITA Radio Transport (VRT) standard defines a transport-layer protocol designed to promote interoperability between RF (radio frequency) receivers and signal processing equipment in a wide range of applications. These include spectral monitoring, communications, radar, and others. In support of this variety of applications, the VRT protocol provides a variety of formatting options that allow the transport layer to be optimized for each application. VRT also enables high-precision timestamping to provide time synchronization between multiple receiver channels.

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Reaffirmation

BSR/VITA 49.1-2015 (R202x), VITA Radio Link Layer Standard (reaffirmation of ANSI/VITA 49.1-2015)

This document describes an open standard for an optional encapsulation protocol for VITA-49.0 (VRT) packets

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Reaffirmation

BSR/VITA 49A-2015 (R202x), Spectrum Survey Interoperability Specification (reaffirmation of ANSI/VITA 49A-2015)

This document specifies an interoperability specification that is applicable to spectrum-survey applications. It is intended to foster high-throughput and adaptable processing in a large-scale environment. It specifically considers the needs of devices based around 32-/64-bit general-purpose processors (GPP) and FPGAs that utilize Internet Protocol (IP) as the underlying transport between processing devices.

Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (with optional copy to psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

929 W. Portobello Avenue, Mesa, AZ 85210 p: (602) 281-4497 w: www.vita.com

Reaffirmation

BSR/VITA 63.0-2015 (R202x), Hyperboloid Alternative Connector for VPX (reaffirmation and redesignation of ANSI/VITA 63-2015)

This document describes an open standard for VITA 63.0 Hyperboloid Alternative Connector for VPX. This standard provides an alternative connector to the one specified in the VITA 46.0 VPX Baseline Standard. Because the 46.0 and the 63.0 connectors are not intermateable, a VITA 63.0 module will not plug into a VITA 46.0 backplane and vice-versa. However, the VITA 63.0 draft standard provides VPX users with the flexibility to choose a VPX module and backplane connector combination for their specific application requirements.

Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (with optional copy to psa@ansi.org) to: admin@vita.com

Comment Deadline: November 3, 2020

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 p: (212) 591-8489 w: www.asme.org

Revision

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

BSR/ASME PTC 47-202x, Performance Test Code for Integrated Gasification Combined Cycle Power Generation Plants (revision of ANSI/ASME PTC 47-2006 (R2011))

This Code covers a defined range of primary fuel characteristics, but is limited to combined-cycle, power-generation systems using gas and steam turbines. This Code defines the boundaries of the overall IGCC power plant to encompass three major plant sections—the air separation unit (ASU, for oxygen-blown gasifiers or plants that use nitrogen), the gasification process (including gas cleanup), and the power block. Tests conducted by this Code determine the quantity and quality of fuel gas by its flow rate, temperature, pressure, composition, heating value, and its content of contaminants.

Single copy price: Free
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (with optional copy to psa@ansi.org) to: Donnie Alonzo (212) 591-7004 dalonzo@asme.org

Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, 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:

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 p: (703) 293-4887 w: www.ahrinet.org

BSR/AHRI Standard 1150-202x, Declaration and Verification of Noise Emission Values of HVAC Machinery and Equipment Using Published Sound Rating Values (new standard)

Provides:
(a) information on the declaration of noise emission values by HVAC machinery and equipment;
(b) the acoustical and product information that shall be presented in technical documents for noise emission declaration; and
(c) a method for verifying the noise emission declaration.

Inquiries may be directed to Karl Best (703) 293-4887 kbest@ahrinet.org

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ACC (American Chemistry Council)

700 2nd Street, NE, Washington, DC 20002 p: (202) 249-7000 w: www.americanchemistry.com

ANSI/ACC Z400.1/Z129.1-2010, Hazardous Workplace Chemicals - Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation

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

1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-1111 w: www.ashrae.org

ANSI/ASHRAE Standard 116-2010, Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps (NOTE: A proposal to reintroduce an updated version of ASHRAE Standard 116 was initiated as of 7/20/2012, and is pending public review and comment and ANSI Approval as a new standard)

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 p: (212) 591-8489 w: www.asme.org

ANSI/API 579-2I/ASME FFS-2-2009, Fitness-For-Service Example Problem Manual

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 p: (212) 591-8489 w: www.asme.org

ANSI/ASME B31E-2008, Standard for the Seismic Design and Retrofit of Above Ground Piping Systems

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 p: (212) 591-8489 w: www.asme.org

ANSI/ASME B31E (Addenda)-2010, Standard for the Seismic Design and Retrofit of Above-Ground Piping Systems (NOTE: A proposal to reintroduce an updated version of ASME B31E was initiated as of 1/23/2015, and is pending public review and comment and ANSI Approval as a new standard)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 768-3411 w: www.assp.org

ANSI/AIHA Z9.9-2010, Portable Ventilation Systems (NOTE: A new Z9.9 project was initiated as of 5/18/2018 for an updated version of this standard; this work is in progress to regain ANS approval.)

Notice of Withdrawal: ANS at least 10 years past approval date

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

ANSI/ASTM F1433-1997 (R2010), Specification for Mechanically Refrigerated Air Conditioner (NOTE: A proposal to reintroduce an updated version of ASTM F1433 was initiated as of 4/9/2010, and is pending ANSI Approval as a new standard)

AVIXA (Audiovisual and Integrated Experience Association)

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 p: (703) 277-2007 w: www.avixa.org

ANSI/INFOCOMM 2M-2010, Standard Guide for Audiovisual Systems Design and Coordination Processes (NOTE: A proposal to reintroduce an updated version of INFOCOMM 2M was initiated as of 9/2/2016, and is pending public review and comment and ANSI Approval as a new standard)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS A5.29/A5.29M-2010, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Weldling (NOTE: A proposal to reintroduce an updated version of AWS A5.29/A5.29M was initiated as of 8/14/2009, and is pending ANSI Approval as a new standard)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS B2.1-1-019-94-AMD1-2010, Standard Welding Procedure Specification (WPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E70T-1 and E71T-1, As-Welded Condition

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS B2.1-1-020-94-AMD1-2010, Standard Welding Procedure Specification (WPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E70T-1 and E71T-1, As-Welded or PWHT Condition

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS B2.2/B2.2M:2009,-AMD1:2010, Specification for Brazing Procedure and Performance

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS B5.15-2009, Specification for the Qualification of Radiographic Interpreters (NOTE: A proposal to reintroduce an updated version of AWS B5.15 was initiated as of 5/26/2017, and is pending public review and comment and ANSI Approval as a new standard)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS C4.1-2009, Criteria for Describing Oxygen-Cut Suerfaces (NOTE: A proposal to reintroduce an updated version of AWS C4.1 was initiated as of 11/22/2013, and is pending public review and comment and ANSI Approval as a new standard)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS C7.2M-2010, Recommended Practices for Laser Beam Welding, Cutting and Allied Processes (NOTE: A proposal to reintroduce an updated version of AWS C7.2M was initiated as of 11/22/2013, and is pending public review and comment and ANSI Approval as a new standard)

Notice of Withdrawal: ANS at least 10 years past approval date

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (800) 443-9353 311 w: www.aws.org

ANSI/AWS G1.2M/G1.2-1999 (R2010), Specification for Standardized Ultrasonic Welding Test Specimen for Thermoplastics (NOTE: A proposal to reintroduce an updated version of AWS G1.2M/G1.2 was initiated as of 5/26/2017, and is pending public review and comment and ANSI Approval as a new standard)

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 p: (202) 326-6338 w: www.boma.org

ANSI/BOMA Z65.4-2010, Multi-Unit Residential Buildings: Standard Methods of Measurement (Note: A proposal to reintroduce BOMA Z65.4 as an approved ANS was initiated as of 9/16/2016.)

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 p: (202) 326-6338 w: www.boma.org

ANSI/BOMA Z65.5-2010, Retail Buildings: Standard Methods of Measurement (Note: A proposal to reintroduce BOMA Z65.5 as an approved ANS was initiated as of 9/16/2016.)

CTA (Consumer Technology Association)

140 Philips Road, Exton, PA 19341-1318 p: (484) 252-2330 w: www.scte.org

ANSI/CTA J-STD-070 (CTA 2035)-2010, Emergency Alert Metadata for the Home Network

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org

ANSI/FCI 91-1-2010, Standard for Qualification of Control Stem Seals (NOTE: A proposal to reintroduce an updated version of FCI 91-1 was initiated as of 3/9/2007, and is pending ANSI Approval as a new standard)

HIBCC (Health Industry Business Communications Council)

2525 E. Arizona Biltmore Circle Ste. 127, Phoenix, AZ 85016 p: (602) 381-1091 101 w: www.hibcc.org

ANSI/HIBC 1.3-2010, The Health Industry Bar Code (HIBC) Provider Applications Standard, (NOTE: A proposal for a new version of this standard HIBC PAS 1.4 has been initiated as of 9/4/2020, and will be under development, pending ANSI approval.)

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 p: (313) 550-2073 104 w: www.hl7.org

ANSI/HL7 V3 SPDIR, R1-2010, HL7 Version 3 Standard: Healthcare, Community Services and Provider Directory, Release 2 (NOTE: A proposal to reintroduce an updated version of HL7 V3 SPDIR, R2 was initiated as of 9/5/2014, and is pending public review and comment and ANSI Approval as a new standard)

HPS (ASC N43) (Health Physics Society)

1313 Dolley Madison Blvd, Suite 402, McLean, VA 22101 p: (703) 790-1745 213 w: www.hps.org

ANSI N43.2-2001 (R2010), Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment (NOTE: A proposal to reintroduce an updated version of N43.2 was initiated as of 1/3/2020, and is pending public review and comment and ANSI Approval as a new standard)

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (708) 995-3015 w: www.asse-plumbing.org

ANSI/ASSE 1003-2010, Performance Requirements for Water Pressure Reducing Valves for Domestic Water Distribution Systems (NOTE: A proposal to reintroduce an updated version of ASSE 1003 was initiated as of 4/3/2015, and is pending public review and comment and ANSI Approval as a new standard)

Notice of Withdrawal: ANS at least 10 years past approval date

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (708) 995-3015 w: www.asse-plumbing.org

ANSI/ASSE 1012-2009, Backflow Preventers with an Intermediate Atmospheric Vent (NOTE: A proposal to reintroduce an updated version of ASSE 1012 was initiated as of 5/18/2018, and is pending public review and comment and ANSI Approval as a new standard)

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (708) 995-3015 w: www.asse-plumbing.org

ANSI/ASSE 1049-2010, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Chemical Waste Systems

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (708) 995-3015 w: www.asse-plumbing.org

ANSI/ASSE 1050-2010, Performance Requirements for Stack Air Admittance Valves (AAV's) for Sanitary Drainage Systems

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (708) 995-3015 w: www.asse-plumbing.org

ANSI/ASSE 1051-2010, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Sanitary Drainage Systems

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3874 w: www.ieee.org

ANSI N323C-2009, Radiation Protection Instrumentation Test and Calibration - Air Monitoring Instruments

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 433-2009, Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage at Very Low Frequency

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 635-2003 (R2009), Guide for Selection and Design of Aluminum Sheaths for Power Cables

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 771-1998 (R2009), Guide to the Use of the ATLAS Specification

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 802.1aj-2009, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment 08: Two-Port Media Access Control (MAC) Relay

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 802.1AR-2009, Standard for Local and Metropolitan Area Networks - Secure Device Identity

Notice of Withdrawal: ANS at least 10 years past approval date

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 802.3av-2009, Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Physical Layer Specifications and Management Parameters for 10Gb/s Passive Optical Networks

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 802.3-2008/Cor1-2009, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Corrigendum 1 Timing Considerations for PAUSE Operation

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1142-2009, Guide for the Selection, Testing, Application and Installation of Cables Having Radial Moisture Barriers and/or Longitudinal Water Blocking

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1149.7-2009, Standard for Reduced-Pin and Enhanced-Functionality Test Access Port and Boundary Scan Architecture (NOTE: A proposal to reintroduce an updated version of IEEE 1149.7 was initiated as of 1/22/2010, and is pending ANSI Approval as a new standard)

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1217-2001 (R2009), Guide for Preservative Treatment of Wood Distribution and Transmission Line Structures

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1445-1998 (R2009), Standard for Digital Test Interchange Format (DTIF)

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1481-2009, Standard for Integrated Circuit (IC) Open Library Architecture (OLA)

Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1521-2010, Standard for Measurement of Video Jitter and Wander

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1616a-2010, Standard for Motor Vehicle Event Data Recorders (MVEDRs) - Amendment 1: Motor Vehicle Event Data

Notice of Withdrawal: ANS at least 10 years past approval date

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1621-2004 (R2009), Standard for User Interface Elements in Power Control of Electronic Devices Employed in Office/Consumer Environments

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1653.2-2009, Standard for Uncontrolled Traction Power Rectifiers for Substation Applications Up to 1500 Volts dc Nominal Output

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1680.1-2010, Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1680-2009, Standard for Environmental Assessment of Electronic Products

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 1685-2009, Standard for IP-XACT, Standard Structure for Packaging, Integrating and Re-Using IP Within Tool-Flows (NOTE: A proposal to reintroduce an updated version of IEEE 1685 was initiated as of 1/22/2010, and is pending ANSI Approval as a new standard)

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 2600.2-2009, Standard Protection Profile for Hardcopy Devices in IEEE Std. 2600-2008 Operational Environment B

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE 2600.3-2009, Standard Protection Profile for Hardcopy Devices in IEEE Std. 2600-2008 Operational Environment C

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3854 w: www.ieee.org

ANSI/IEEE C37.233-2009, Guide for Power System Protection Testing

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 p: (919) 990-9213 w: www.isa.org

ANSI/ISA 5.1-2009, Instrumentation Symbols and Identification (NOTE: A proposal to reintroduce an updated version of ISA 5.1 was initiated as of 7/25/2014, and is pending public review and comment and ANSI Approval as a new standard)

NAAMM (National Association of Architectural Metal Manufacturers)

123 College Place, #1101, Norfolk, VA 23510 p: (757) 489-0787 w: www.naamm.org

ANSI/NAAMM MBG 533-2009, Welding Standard for Fabrication of Steel, Aluminum, and Stainless Steel Bar Grating (NOTE: A proposal to reintroduce an updated version of NAAMM MBG 533 was initiated as of 5/12/2006, and is pending ANSI Approval as a new standard)

Notice of Withdrawal: ANS at least 10 years past approval date

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 p: (480) 296-4584 w: www.ncpdp.org

ANSI/NCPDP SC V10.6-2008, SCRIPT Standard Implementation Guide Version 0.6

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 p: (480) 296-4584 w: www.ncpdp.org

ANSI/NCPDP TC VD.0-2007, Telecommunication Standard Version D.0

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 p: (301) 654-2512 w: www.niso.org

ANSI/NISO Z39.18-2005 (R2010), Scientific and Technical Reports - Preparation, Presentation, and Preservation (NOTE: a proposal to reintroduce an updated version of NISO Z39.18 was initiated as of 1/15/2016, and is pending public review and comment and ANSI Approval as a new standard)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 p: (301) 654-2512 w: www.niso.org

ANSI/NISO Z39.19-2005 (R2010), Guidelines for the Construction, Format, and Management of Monolingual Controlled Vocabularies (NOTE: A proposal to reintroduce an updated version of NISO Z39.19 was initiated as of 1/15/2016, and is pending public review and comment and ANSI Approval as a new standard)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 p: (301) 654-2512 w: www.niso.org

ANSI/NISO Z39.29-2005 (R2010), Bibliographic References (NOTE: A proposal to reintroduce an updated version of NISO Z39.29 was initiated as of 1/15/2016, and is pending public review and comment and ANSI Approval as a new standard)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 p: (301) 654-2512 w: www.niso.org

ANSI/NISO Z39.48-1992 (R2009), Permanence of Paper for Publications and Documents in Libraries and Archives (NOTE: A proposal to reintroduce an updated version of NISO Z39.48 was initiated as of 5/1/2009, and is pending ANSI Approval as a new standard)

NISO (National Information Standards Organization)

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 p: (301) 654-2512 w: www.niso.org

ANSI/NISO Z39.88-2004 (R2010), The Open URL Framework for Context-Sensitive Services

SAE (SAE International)

755 West Big Beaver Road, Suite 1600, Troy, MI 48084 p: (248) 273-2455 w: www.sae.org

ANSI/GEIA 859-2009, Data Management

SAE (SAE International)

755 West Big Beaver Road, Suite 1600, Troy, MI 48084 p: (248) 273-2456 w: www.sae.org

ANSI/SAE J1388-2009, Personnel Protection - Skid Steer Loaders

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Road, Exton, PA 19341-1318 p: (484) 252-2330 w: www.scte.org

ANSI/SCTE 86-2010, SCTE Recommended Optical Fiber Cable Types for Outside Plant Trunk and Distribution Applications (NOTE: A proposal to reintroduce an updated version of SCTE 86 was initiated as of 4/17/2015, and is pending public review and comment and ANSI Approval as a new standard)

Notice of Withdrawal: ANS at least 10 years past approval date

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2023 w: https://ul.org/

ANSI/UL 2390-2009, The Standard for Test Method for Wind Resistant Asphalt Shingles with Sealed Tabs

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2023 w: https://ul.org/

ANSI/UL 2390-2009a, The Standard for Test Method for Wind Resistant Asphalt Shingles with Sealed Tabs

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)

Contact: Colleen Elliott
901 N. Glebe Road, Suite 300
Arlington, VA 22203
p: (703) 253-8261
e: celliott@aami.org

BSR/AAMI/ISO 80369-7-202x, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications (identical national adoption of ISO 80369-7 and revision of ANSI/AAMI/ISO 80369-7-2016)

BSR/AAMI/ISO 80369-20-2015 (R202x), Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods (reaffirmation of ANSI/AAMI/ISO 80369-20-2015)

ASME (American Society of Mechanical Engineers)

Contact: Terrell Henry
Two Park Avenue, M/S 6-2B
New York, NY 10016-5990
p: (212) 591-8489
e: ansibox@asme.org

BSR/ASME PTC 47-202x, Performance Test Code for Integrated Gasification Combined Cycle Power Generation Plants (revision of ANSI/ASME PTC 47-2006 (R2011))

ATIS (Alliance for Telecommunications Industry Solutions)

Contact: Drew Greco
1200 G Street NW, Suite 500
Washington, DC 20005
p: (202) 628-6380
e: dgreco@atis.org

BSR/ATIS 0600336-202x, Design Requirements for Universal Cabinets and Framework (revision of ANSI/ATIS 0600336 -2015)

FCI (Fluid Controls Institute)

Contact: Leslie Schraff
1300 Sumner Avenue
Cleveland, OH 44115
p: (216) 241-7333
e: fci@fluidcontrolsinstitute.org

BSR/FCI 70-2-202x, Control Valve Seat Leakage Testing (revision of ANSI/FCI 70-2-2013)

HPVA (Hardwood Plywood Veneer Association)

Contact: Brian Sause
42777 Trade West Drive
Sterling, VA 20166
p: (703) 435-2900 127
e: standards@decorativehardwoods.org

BSR/HPVA LTDD 2.0-202x, Standard for Due Diligence in Procuring/Sourcing Legal Timber (revision and redesignation of ANSI/HPVA LTDD 1.0-2015)

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

Contact: Deborah Spittle
700 K Street NW, Suite 600
Washington, DC 20001
p: (202) 737-8888
e: comments@standards.incits.org

INCITS 574-202x, Information Technology - ATA Command Set - 6 (ACS-6) (new standard)

NECA (National Electrical Contractors Association)

Contact: Lina Jariri
3 Bethesda Metro Center, Suite 1100
Bethesda, MD 20814
p: (240) 800-5003
e: lina.jariri@necanet.org

BSR/NECA 406-202X, Standard for Installing and Maintaining Residential Generator Sets (new standard)

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.

NSF (NSF International)

Contact: Jason Snider
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 418-6660
e: jsnider@nsf.org

BSF/NSF 350-202x (i52r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2019)

BSR/NSF 350-202x (i54r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2019)

BSR/NSF 350-202x (i56r4), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2019)

BSR/NSF/CAN 50-202x (i164r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

UL (Underwriters Laboratories)

Contact: Cat Wood
12 Laboratory Drive
Research Triangle Park, NC 27709
p: (613) 368-4432
e: Cat.Wood@ul.org

BSR/UL 752-2006 (R202x), Standard for Safety for Bullet-Resisting Equipment (reaffirmation of ANSI/UL 752-2006 (R2015))

BSR/UL 972-2005 (R202x), Standard for Safety for Burglary Resistant Glazing Material (reaffirmation of ANSI/UL 972-2005 (R2015))

VITA (VMEbus International Trade Association (VITA))

Contact: Jing Kwok
929 W. Portobello Avenue
Mesa, AZ 85210
p: (602) 281-4497
e: jing.kwok@vita.com

BSR/VITA 17.1-2015 (R202x), Serial Front Panel Data Port (reaffirmation of ANSI/VITA 17.1-2015)

BSR/VITA 46.11-202x, System Management on VPX (revision of ANSI/VITA 46.11-2015)

BSR/VITA 49.0-2015 (R202x), VITA Radio Transport (VRT) Standard (reaffirmation of ANSI/VITA 49.0-2015)

BSR/VITA 49.1-2015 (R202x), VITA Radio Link Layer Standard (reaffirmation of ANSI/VITA 49.1-2015)

BSR/VITA 49A-2015 (R202x), Spectrum Survey Interoperability Specification (reaffirmation of ANSI/VITA 49A-2015)

BSR/VITA 63.0-2015 (R202x), Hyperboloid Alternative Connector for VPX (reaffirmation and redesignation of ANSI/VITA 63 -2015)

Call for Members (ANS Consensus Bodies)

ACCT Soliciting Members for the ACCT Consensus Group

The Association for Challenge Course Technology is seeking applications for the ACCT Consensus Group in the Vendor category. All materially affected persons are encouraged to complete and submit the application. The application period will be open until the position is filled. Applications must be forwarded via email to standardsmanagement@acctinfo.org. Applications are available on the ACCT website at https://www.acctinfo.org/page/ANSIASD. Questions about the Consensus Group should be addressed to Scott Andrews, Policy Director at scott.andrews@acctinfo.org.

The ACCT Consensus Group is made up of 15 members of the challenge course and zip line community who are materially affected by the ANSI/ACCT 03-2019 Standards. The Consensus Group must maintain balance between those members representing vendors, users, and general industry interest. All members of the community who have an interest in or are affected by challenge course industry standards are encouraged to apply.

The ACCT Standards address the design, installation, and performance of challenge courses, zip lines, adventure parks, and the operation and staff training for those sites. Founded in 1993, the Association for Challenge Course Technology, (ACCT) is an American National Standards Institute (ANSI) Accredited Standards Developer focused exclusively on the challenge course, aerial adventure park, canopy tour and zipline industry. ACCT was responsible for the development of the first challenge course industry standards, published in 1994. In 2006, ACCT became an ANSI Accredited Standards Developer and has maintained that status. This designation indicates that ACCT has an accredited standards development process that is open, fair and allows for equal representation of material affected parties.

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.

AAFS (American Academy of Forensic Sciences)

New Standard

ANSI/ASB BPR 068-2020, Safe Handling of Firearms and Ammunition (new standard): 8/27/2020

ANSI/ASB Std 038-2020, Standards for Internal Validation of Forensic DNA Testing Methods (new standard): 8/27/2020

ANSI/ASB Std 110-2020, Standard for Training in Forensic Serological Methods (new standard): 8/27/2020

ANSI/ASB Std 115-2020, Standard for Training in Forensic Short Tandem Repeat Typing Methods using Amplification, DNA Separation, and Allele Detection (new standard): 8/27/2020

ANSI/ASB Std 116-2020, Standard for Training in Forensic DNA Quantification Methods (new standard): 8/27/2020

ANSI/ASB STD 117-2020, Standard for the Examination of Stamp Impressions and Stamping Devices (new standard): 8/27/2020

ANS (American Nuclear Society)

Revision

ANSI/ANS 57.8-2020, Fuel Assembly Identification (revision of ANSI/ANS 57.8 -1995 (R2017)): 8/28/2020

API (American Petroleum Institute)

Reaffirmation

ANSI/API RP 100-1-2019 (R2020), Hydraulic Fracturing - Well Integrity and Fracture Containment (reaffirmation of ANSI/API RP 100-1-2019): 8/27/2020

ANSI/API RP 100-2-2015 (R2020), Managing Environmental Aspects Associated with Exploration and Production Operations including Hydraulic Fracturing (reaffirmation of ANSI/API RP 100-2-2015): 8/27/2020

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.112-2-2020, Wireless Management and Published Security - Part 2: POS and ATM (revision of ANSI X9.112-2-2014): 8/28/2020

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME Y14.43-2011 (R2020), Dimensioning and Tolerancing Principles for Gages and Fixtures (reaffirmation of ANSI/ASME Y14.43-2011): 8/27/2020

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0600319-2020, Equipment Assemblies - Fire Propagation Risk Assessment Criteria (revision of ANSI ATIS 0600319-2014): 8/28/2020

ANSI/ATIS 0600320-2020, Above-Baseline Electrical Protection for Designated Information and Communications Technology (ICT) Facilities against High-Altitude Electromagnetic Pulse (HEMP) (revision of ANSI/ATIS 0600320 -2015): 8/28/2020

ANSI/ATIS 0600321-2020, Electrical Protection for Network Operator-Type Equipment Positions (revision of ANSI/ATIS 0600321-2015): 8/28/2020

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPD SC Standard 2020101-2020, NCPDP SCRIPT Standard v2020101 (revision and redesignation of ANSI/NCPDP SC Standard 2020011-2019): 8/28/2020

ANSI/NCPDP PDMP Reporting Standard v13-2020, NCPDP Prescription Drug Monitoring Programs (PDMP) Reporting Standard v13 (revision and redesignation of ANSI/NCPDP PDMP Reporting Standard v12-2019): 8/28/2020

ANSI/NCPDP RTPB Standard v10-2020, NCPDP Real-Time Prescription Benefit Standard v10 (revision and redesignation of ANSI/NCPDP RTPB Standard vBT-2019): 8/28/2020

ANSI/NCPDP Specialized Standard v2020101-2020, NCPDP Specialized Standard v2020101 (revision and redesignation of ANSI/NCPDP SC Standard 2020011-2019): 8/28/2020

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 5000-2020, Building Construction and Safety Code® (revision of ANSI/NFPA 5000-2018): 7/2/2020

OIX (Open-IX Association)

New Standard

ANSI/OIX 2-2020, Data Center Technical Standard (new standard): 8/26/2020

UL (Underwriters Laboratories)

New National Adoption

ANSI/UL 61800-5-1-2020, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption of IEC 61800-5-1 with modifications and revision of ANSI/UL 61800-5-1-2018): 8/13/2020

ANSI/UL 62841-1-2020, Standard for Safety Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 1: General Requirements (national adoption of IEC 62841-1 with modifications and revision of ANSI/UL 62841-1-2015): 8/21/2020

Reaffirmation

ANSI/UL 5A-2015 (R2020), Standard for Nonmetallic Surface Raceways and Fittings (reaffirmation of ANSI/UL 5A-2015): 8/25/2020

ANSI/UL 5-2016 (R2020), Standard for Surface Metal Raceways and Fittings (reaffirmation of ANSI/UL 5-2016): 8/25/2020

ANSI/UL 5C-2016 (R2020), Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2016): 8/25/2020

ANSI/UL 150-2011 (R2020), UL Standard for Safety for Antenna Rotators (reaffirmation of ANSI/UL 150-2011 (R2015)): 8/31/2020

ANSI/UL 209-2016 (R2020), Standard for Cellular Metal Floor Raceways and Fittings (reaffirmation of ANSI/UL 209-2016): 8/25/2020

ANSI/UL 884-2016 (R2020), Standard for Underfloor Raceways and Fittings (reaffirmation of ANSI/UL 884-2016): 8/25/2020

Revision

ANSI/UL 842-2020, Standard for Safety for Valves for Flammable and Combustible Liquids (revision of ANSI/UL 842-2015): 8/25/2020

ANSI/UL 923-2020, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2019): 8/27/2020

ANSI/UL 1242-2020, Standard for Electrical Intermediate Metal Conduit - Steel (revision of ANSI/UL 1242-2018): 8/21/2020

ANSI/UL 1369-2020, Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids (revision of ANSI/UL 1369-2018a): 8/25/2020

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)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **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 (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories)**

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 “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

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
410 North 21st Street
Colorado Springs, CO 80904
p: (719) 453-1036
www.aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
p: (703) 253-8261
www.aami.org

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

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
p: (202) 682-8571
www.api.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
p: (269) 757-1213
https://www.asabe.org/

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
p: (410) 267-7707
www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
p: (678) 539-1214
www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
M/S 6-2B
New York, NY 10016-5990
p: (212) 591-8489
www.asme.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
p: (610) 832-9744
www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
p: (202) 628-6380
www.atis.org

CSA
CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
p: (216) 524-4990
www.csagroup.org

DMSC, Inc.
Dimensional Metrology Standards Consortium, Inc.
1350 SW Alsbury Blvd.
#514
Burleson, TX 76028
p: (972) 603-2074
www.dmis.org

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza
P.O. Box 23200
Brooklyn, NY 11202-3200
p: (212) 244-1505
www.esta.org

FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
p: (216) 241-7333
www.fluidcontrolsinstitute.org

HIBCC
Health Industry Business Communications Council
2525 E. Arizona Biltmore Circle
Ste. 127
Phoenix, AZ 85016
p: (602) 381-1091 101
www.hibcc.org

HPVA
Hardwood Plywood Veneer Association
42777 Trade West Drive
Sterling, VA 20166
p: (703) 435-2900 127
www.DecorativeHardwoods.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW
Suite 600
Washington, DC 20001
p: (202) 737-8888
www.incits.org

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

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
p: (240) 800-5003
www.neca-neis.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269-9101
p: (617) 984-7248
www.nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 418-6660
www.nsf.org

OIX
Open-IX Association
340 South Lemon Avenue #7988
Walnut, CA 91789
p: (214) 305-2444
http://www.open-ix.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America
2025 M Street NW
Suite 800
Washington, DC 20036
p: (312) 321-6826
www.resna.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
p: (800) 542-5040
www.scte.org

UL
Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
p: (510) 319-4259
https://ul.org/

VITA
VMEbus International Trade Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
p: (602) 281-4497
www.vita.com

ISO & IEC Draft International Standards

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

COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 80601-2-74, Medical electrical equipment - Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment - 11/19/2020, $165.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 29461-1, Air intake filter systems for rotary machinery - Test methods - Part 1: Static filter elements - 11/19/2020, $71.00

CRYOGENIC VESSELS (TC 220)

ISO 20421-1/DAmd1, Cryogenic vessels - Large transportable vacuum-insulated vessels - Part 1: Design, fabrication, inspection and testing - Amendment 1 - 11/21/2020, $33.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 25178-700, Geometrical product specifications (GPS) - Surface texture: Areal - Part 700: Calibration, adjustment and verification of areal topography measuring instruments - 11/19/2020, $98.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14030-2, Environmental performance evaluation - Green debt instruments - Part 2: Process for green loans - 11/14/2020, $62.00

ERGONOMICS (TC 159)

ISO/DIS 8996, Ergonomics of the thermal environment - Determination of metabolic rate - 11/19/2020, $98.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12635, Graphic technology - Plates for offset printing - Dimensions - 11/15/2020, $58.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO/DIS 3716, Hydrometry - Functional requirements and characteristics of suspended-sediment samplers - 11/21/2020, $62.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 9584, Implants for surgery - Non-destructive testing - Radiographic examination of cast metallic surgical implants - 11/19/2020, $46.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-59, Industrial automation systems and integration - Product data representation and exchange - Part 59: Integrated generic resource: Quality of product shape data - 11/19/2020, $350.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 12925-3, Lubricants, industrial oils and related products (Class L) - Family C (gears) - Part 3: Specifications for greases for enclosed and open gear systems - 11/21/2020, $53.00

PLASTICS (TC 61)

ISO/DIS 4216, Thermosetting resin and UV curable resin - Determination of shrinkage by continuous measurement method - 11/21/2020, $67.00

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

ISO 12176-2/DAmd1, Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 2: Electrofusion - Amendment 1 - 11/19/2020, $29.00

REFRACTORIES (TC 33)

ISO/DIS 13765-7.2, Refractory mortars - Part 7: Determination of permanent change in dimensions on heating - 10/22/2020, $46.00

ROAD VEHICLES (TC 22)

ISO/DIS 17447-1, Road Vehicles - Glow-plugs with conical seating and their cylinder head housing - Part 1: Basic characteristics and dimensions for metal-sheath-type glow-plugs - 11/21/2020, $58.00

ROBOTS AND ROBOTIC DEVICES (TC 299)

ISO/DIS 18646-3.2, Robotics - Performance criteria and related test methods for service robots - Part 3: Manipulation - 10/17/2020, $62.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 16632, Tobacco and tobacco products - Determination of water content - Gas-chromatographic method - 11/14/2020, $53.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 12855, Electronic fee collection - Information exchange between service provision and toll charging - 11/14/2020, $185.00

WATER QUALITY (TC 147)

ISO/DIS 8466-1, Water quality - Calibration and evaluation of analytical methods - Part 1: Linear calibration function - 11/21/2020, $112.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23001-10/DAmd1, Information technology - MPEG systems technologies - Part 10: Carriage of timed metadata metrics of media in ISO base media file format - Amendment 1: Support for Content-Guided Transcoding and Spatial Relationship of Immersive Media - 11/13/2020, $46.00

ISO/IEC DIS 18181-2, Information technology - JPEG XL Image coding system - Part 2: File format - 11/13/2020, $53.00

ISO/IEC DIS 24773-3, Software and systems engineering - Certification of software and systems engineering professionals - Part 3: Systems Engineering - 11/21/2020, $62.00

IEC Standards

22F/589/CD, IEC 61954 ED3: Static var compensators (SVC) - Testing of thyristor valves, 10/23/2020

22F/590/CD, IEC 60700-3 ED1: Thyristor valves for high voltage direct current (HVDC) power transmission - Part 3: Essential ratings (limiting values) and characteristics, 10/23/2020

34/733/CD, IEC 62386-305 ED1: Digital addressable lighting interface - Part 305: Particular requirements - Input devices - Colour sensor, 11/20/2020

34A/2198/CDV, IEC 62922/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) panels for general lighting - Performance requirements, 11/20/2020

40/2772/CD, IEC TR 63337 ED1: Basic qualification of DC-link capacitors for automotive use - General Requirements, Test Conditions and Tests, 11/20/2020

47A/1103/CD, IEC 62228-7 ED1: Integrated circuits - EMC evaluation of transceivers - Part 7: CXPI transceivers, 10/23/2020

47E/716/CD, IEC 60747-5-14 ED1: Semiconductor devices - Part 5 -14: Optoelectronic devices - Light emitting diodes - Test method of the surface temperature based on the thermoreflectance method, 10/23/2020

47E/717/CD, IEC 60747-5-15 ED1: Semiconductor devices - Part 5 -15: Optoelectronic devices - Light emitting diodes - Test method of the flat-band voltage based on the electroreflectance spectroscopy, 10/23/2020

57/2256(F)/FDIS, IEC 61850-4/AMD1 ED2: Amendment 1 - Communication networks and systems for power utility automation - Part 4: System and project management, 09/18/2020

59M/126/FDIS, IEC 62552-1/AMD1 ED1: Amendment 1 - Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements, 10/09/2020

59M/127/FDIS, IEC 62552-2/AMD1 ED1: Amendment 1 - Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements, 10/09/2020

59M/128/FDIS, IEC 62552-3/AMD1 ED1: Amendment 1 - Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume, 10/09/2020

61J/734/CDV, IEC 63327 ED1: Automatic floor treatment machines for commercial use - Particular requirements, 11/20/2020

62C/770(F)/FDIS, IEC 60601-2-1 ED4: Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV, 09/18/2020

64/2457/FDIS, IEC 60364-5-53/AMD1 ED4: Amendment 1: Low-Voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring, 10/09/2020

65/835/FDIS, IEC 61010-2-202 ED2: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-202: Particular requirements for electrically operated valve actuators, 10/09/2020

65/836/FDIS, IEC 62832-1 ED1: Industrial-process measurement, control and automation - Digital Factory framework - Part 1: General principles, 10/09/2020

65A/979/FDIS, IEC 61326-2-6 ED3: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical equipment, 10/09/2020

65A/980/FDIS, IEC 61326-2-3 ED3: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning, 10/09/2020

65A/981/FDIS, IEC 61326-2-4 ED3: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9, 10/09/2020

69/730/CD, IEC 63119-2 ED1: Information exchange for Electric Vehicle charging roaming service - Part 2: Use cases, 11/20/2020

80/969/NP, PNW 80-969: Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 6: Indian Regional Navigation Satellite System (IRNSS) - Receiver equipment - Performance requirements, methods of testing and required test results, 11/20/2020

85/726/CDV, IEC 61557-12/AMD1 ED2: Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), 11/20/2020

86B/4335/CD, IEC 63267-1 ED1: Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 1: Optical interfaces for multimode fibres - General and guidance, 11/20/2020

86B/4336/CD, IEC 61755-1 ED2: Fibre optic connector optical interfaces - Part 1: Optical interfaces for single mode non-dispersion shifted fibres - General and guidance, 11/20/2020

100/3459/CDV, IEC 61937-2 ED3: Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info (TA 20), 11/20/2020

100/3462/CDV, IEC 61937-15 ED1: Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 15: Non-linear PCM bit streams according to Auro-Cx format (TA 20), 11/20/2020

120/191A/CD, IEC TR 62933-2-200 ED1: Case study of EES Systems located in EV charging station with PV, 10/30/2020

120/194/CD, IEC TR 62933-4-200 ED1: Electrical energy storage (EES) systems - Part 4-200: Guidance on environmental issues - Greenhouse gas (GHG) emission reduction by electrical energy storage (EES) systems, 10/23/2020

121A/370/CDV, IEC 60947-8 ED2: Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines, 11/20/2020

121A/381/NP, PNW 121A-381: Low-voltage switchgear and controlgear - Part 10: Semiconductor circuit-breakers, 11/20/2020

121B/113/CD, IEC TR 60890 ED3: A method of temperature-rise verification of low-voltages switchgear and controlgear assemblies by calculation, 11/20/2020

122/98/CD, IEC TS 63042-302 ED1: UHV AC transmission systems - Part 302: Commissioning, 10/23/2020

124/107/NP, PNW 124-107: Wearable electronic devices and technologies - Part 402-3: Performance measurement method of fitness wearables - Heart Rate Monitoring, 11/20/2020

JTC1-SC41/180/NP, PNW JTC1-SC41-180: Internet of Things (IoT) - Underwater Acoustic Sensor Network (UWASN) - Underwater Management Information Base (u-MIB), 11/20/2020

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

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 7376:2020, Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation, $103.00

DENTISTRY (TC 106)

ISO 3630-5:2020, Dentistry - Endodontic instruments - Part 5: Shaping and cleaning instruments, $68.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO 10802:2020, Ductile iron pipelines - Hydrostatic testing after installation, $138.00

FINE CERAMICS (TC 206)

ISO 22278:2020, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for crystalline quality of single-crystal thin film (wafer) using XRD method with parallel X-ray beam, $162.00

HEALTH INFORMATICS (TC 215)

ISO/IEEE 11073-10101:2020, Health informatics - Device interoperability - Part 10101: Point-of-care medical device communication - Nomenclature, $232.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 23404:2020, Information and documentation - Papers and boards used for conservation - Measurement of impact of volatiles on cellulose in paper, $68.00

ISO 3166-1:2020, Codes for the representation of names of countries and their subdivisions - Part 1: Country code, $162.00

ISO 3166-2:2020, Codes for the representation of names of countries and their subdivisions - Part 2: Country subdivision code, $103.00

ISO 3166-3:2020, Codes for the representation of names of countries and their subdivisions - Part 3: Code for formerly used names of countries, $68.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 11102-1:2020, Reciprocating internal combustion engines - Handle starting equipment - Part 1: Safety requirements and tests, $45.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 16073-9:2020, Wildland firefighting personal protective equipment - Requirements and test methods - Part 9: Firehoods, $103.00

PLASTICS (TC 61)

ISO 22526-3:2020, Plastics - Carbon and environmental footprint of biobased plastics - Part 3: Process carbon footprint, requirements and guidelines for quantification, $68.00

ISO 24022-1:2020, Plastics - Polystyrene (PS) moulding and extrusion materials - Part 1: Designation system and basis for specifications, $45.00

ROAD VEHICLES (TC 22)

ISO 15007:2020, Road vehicles - Measurement and analysis of driver visual behaviour with respect to transport information and control systems, $209.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 13713:2020, Ships and marine technology - Ships mooring and towing fittings - Mooring chocks, $68.00

ISO 13728:2020, Ships and marine technology - Ships mooring and towing fittings - Panama chocks, $68.00

ISO 13729:2020, Ships and marine technology - Ships mooring and towing fittings - Closed chocks, $103.00

ISO 13733:2020, Ships and marine technology - Ships mooring and towing fittings - Universal fairleads with upper roller, $138.00

ISO 13742:2020, Ships and marine technology - Ships mooring and towing fittings - Universal fairleads without upper roller, $138.00

ISO 13755:2020, Ships and marine technology - Ships mooring and towing fittings - Steel rollers, $103.00

ISO 13767:2020, Ships and marine technology - Ships mooring and towing fittings - Shipside roller fairleads, $68.00

ISO 13776:2020, Ships and marine technology - Ships mooring and towing fittings - Pedestal fairleads, $68.00

ISO 13795:2020, Ships and marine technology - Ships mooring and towing fittings - Welded steel bollards for sea-going vessels, $103.00

ISO 13797:2020, Ships and marine technology - Ships mooring and towing fittings - Cruciform bollards, $68.00

ISO 13798:2020, Ships and marine technology - Ships mooring and towing fittings - Recessed bitts (steel plate type), $45.00

ISO 13799:2020, Ships and marine technology - Ships mooring and towing fittings - Recessed bitts (casting type), $68.00

ISO 23113:2020, Ships and marine technology - Ships mooring and towing fittings - Seats for closed chocks, $103.00

ISO 23115:2020, Ships and marine technology - Ships mooring and towing fittings - Seats for mooring chocks, $103.00

ISO 23116:2020, Ships and marine technology - Ships mooring and towing fittings - Seats for Panama chocks, $103.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 22213:2020, Traditional Chinese medicine - Glass cupping device, $68.00

ISO 23193:2020, Traditional Chinese medicine - Lycium barbarum and Lycium chinense fruit, $138.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 15638-9:2020, Intelligent transport systems - Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) - Part 9: Remote digital tachograph monitoring, $232.00

VALVES (TC 153)

ISO 10434:2020, Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries, $185.00

ISO 15761:2020, Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries, $185.00

WATER QUALITY (TC 147)

ISO 22017:2020, Water quality - Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation, $138.00

ISO Technical Reports

PHOTOGRAPHY (TC 42)

ISO/TR 20791-1:2020, Photography - Photographic reflection prints - Part 1: Evaluation methods of image quality, $138.00

SOLID BIOFUELS (TC 238)

ISO/TR 23437:2020, Solid biofuels - Bridging behaviour of bulk biofuels, $138.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/TR 37171:2020, Report of pilot testing on the application of ISO smart community infrastructures standards, $103.00

ISO Technical Specifications

GRAPHIC TECHNOLOGY (TC 130)

ISO/TS 23031:2020, Graphic technology - Assessment and validation of the performance of spectrocolorimeters and spectrodensitometers, $138.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 21836:2020, Information technology - Data centres - Server energy effectiveness metric, $209.00

ISO/IEC 23008-2:2020, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding, $232.00

IEC Standards

OTHER

CISPR 14-2 Ed. 3.0 en:2020, Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, $235.00

CISPR 16-1-5 Ed. 2.0 b cor.1:2020, Corrigendum 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz, $0.00

CISPR 16-2-1 Ed. 3.0 b cor.1:2020, Corrigendum 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements, $0.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61850-7-1 Amd.1 Ed. 2.0 b:2020, Amendment 1 - Communication networks and systems for power utility automation - Part 7-1: Basic communication structure - Principles and models, $375.00

IEC 61850-7-1 Ed. 2.1 en:2020, Communication networks and systems for power utility automation - Part 7-1: Basic communication structure - Principles and models, $1055.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

IEC 62841-2-11 Ed. 1.1 en:2018, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws, $235.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60749-20 Ed. 3.0 b:2020, Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat, $199.00

S+ IEC 60749-20 Ed. 3.0 en:2020 (Redline version), Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat, $259.00

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 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 a 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.

Final Actions Correction

Early Approval

ANSI/NFPA 30A-2021

The July 3, 2020 Standards Action Final Action notice for ANSI/NFPA 30A-2021 was mistakenly approved too early. However, NFPA intends to use the public review record for a future approval with a final action date of AUG-31-2020.

ANSI Accredited Standards Developers

Withdrawal of ASD Accreditation and American National Standards

APPA – Leadership in Educational Facilities

APPA – Leadership in Educational Facilities has requested the formal withdrawal of its accreditation as a developer of American National Standards (ANS), and of its sponsored-ANS:

Notice of Withdrawn APPA ANS

ANSI/APPA 1000-1-2017, Total Cost of Ownership (TCO) for Facilities Asset Management - Part 1: Key Principles

ANSI/APPA TCO 1000-2-2020, Total Cost of Ownership for Facilities Asset Management (TCO) - Part 2: Implementation and Data Elements

These actions are taken effective August 27, 2020. For additional information, please contact: Ms. Billie Zidek, Standards and Codes Administrator, APPA – Leadership in Educational Facilities, 1643 Prince Street, Alexandria, VA 22314; phone: 703.542.3846; e-mail: billie@appa.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 96/SC 8 – Jib Cranes

Comment Deadline: September 25, 2020

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 96/SC 8 – *Jib cranes*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 96/SC 8 to the National Commission for the Certification of Crane Operators (NCCCO). NCCCO has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 96/SC 8 operates under the following scope:

> *Standardization of terminology, load rating, testing, safety, and general design principles of equipment and components used in the construction, maintenance, inspection and safe operation of jib cranes.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 96/SC 8. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 96/SC 8 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by September 25, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Information Concerning

Meeting Notice and Call for Members

New INCITS Technical Committee on Data Usage (US TAG to JTC 1/SC 32/WG 6 – Data Usage)

Organizational Meeting – September 22, 2020

The organizational meeting of INCITS/Data Usage will be held electronically via Zoom on September 22, 2020 (12:00 PM to 4:00 PM (Eastern) / 9:00 AM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed on September 8 to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Lynn Barra (Lbarra@itic.org) as soon as possible.

Background on Establishment of INCITS/Data Usage – At the August 31 – September 1, 2020 INCITS Executive Board meeting, a new Technical Committee, INCITS/Data Usage, was established to serve as the US TAG to JTC 1/SC 32/WG 6 on Data Usage that was formed at the August 2020 JTC 1/SC 32 Plenary:

Terms of Reference:

1. *Serve as a focus for JTC 1's Data Usage standardization program.*
2. *Develop standards in the area of Data Usage, including the two foundational standards on "Guidance for Data Usage" and "Terminology and Use Cases".*
3. *Excluded are domain specific Data Usage deliverables, such as those within the scope of other JTC 1 entities.*
4. *Identify gaps in Data Usage standardization for consideration and propose potential new work for the relevant JTC 1 Subcommittees.*
5. *Identify JTC 1, ISO, IEC and external organization entities that are developing standards and related materials that contribute to Data Usage, and for each entity investigate ongoing and potential new work.*
6. *Develop and maintain a list of existing Data Usage standards produced and standards development projects underway within JTC 1 Subcommittees.*

Assignment of projects to SC 32/WG 6: NP 5207, Data usage – terminology and use cases, and NP 5212, Data usage – Guidance for data usage.

Convenor: Ian Opperman (Australia)

The committee will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS); (see INCITS Organization, Policies and Procedures). Additional information can also be found at http://www.INCITS.org and http://www.incits.org/participation/membership-info.

US experts to JTC 1/SC 32/WG 6 *Data Usage* must be members of the US TAG, INCITS/Data Usage. The first two-years of membership (FY 2020 and FY 2021) on INCITS/Data Usage will be free – participation is available at no cost. Regular service fees will be assessed starting FY 2022.

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=122092&wg_abbrev=eb.

American National Standards (ANS) – Where to find Procedures, Guidance, Interpretations and More…

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

- *ANSI Essential Requirements: Due process requirements for American National Standards* (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: www.ansi.org/PSAWebForms
- Information about standards Incorporated by Reference (IBR): www.ansi.org/ibr
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer quickly, please send an email to psa@ansi.org .

Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.ansi.org/

BSR/ASHRAE Addendum c
to ANSI/ASHRAE Standard 62.1-2019

Public Review Draft

Proposed Addendum c to Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality

Second Public Review (August 2020)
(Draft shows Proposed Changes to Current Standard)

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

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

Unresolved objectors to 62.1-2016 Addendum S noted that the definition for unusual source is unclear in distinguishing whether rarely refers to a source that is intermittent or transient within a space or if it is meant in the sense of commonality as in an object that would not be commonly found within in a space regardless of the duration of its presence. This proposed addendum seeks to bring clarity to what the committee considers as an unusual source. The new definition makes clear that the unusual nature of a source has to do with its relationship to common items and activities within the space. For example, cooking is a common activity for a kitchen, but would be an uncommon activity for a classroom, therefore a cooking classroom would have an unusual source if categorized as a classroom, meaning additional design considerations should be taken in order to comply with the standard.

[Note to Reviewers: This addendum makes proposed changes to the current standard. 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 current standard 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 changes.]

Addendum c to 62.1-2019

Revise the definition in Section 3.1 as shown below. The remainder of Section 3.1 is unchanged.

3. DEFINITIONS

3.1 Terminology (See Figure 3-1)

unusual source: an item or activity ~~that could create or emit contaminants that occurs rarely~~ not usually expected within an occupancy category and that has the potential to create contaminants. ***Informative Note:*** Informative Appendix I contains some information on sources and contaminants expected in certain occupancy categories.

BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 62.1-2019

Public Review Draft

Proposed Addendum d to Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality

First Public Review (August 2020)
(Draft shows Proposed Changes to Current Standard)

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

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 clarifies that open circuit cooling towers, closed circuit cooling towers, and evaporative condensers are all covered by the minimum separation distance requirements.

[Note to Reviewers: This addendum makes proposed changes to the current standard. 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 current standard 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 changes.]

Addendum d to 62.1-2019

Add the following definition to Section 3.1. The remainder of Section 3.1 is unchanged.

3. DEFINITIONS

3.1 Terminology (See Figure 3-1)

***Evaporative heat rejection equipment*:** Heat rejection devices with an open water circuit that reject heat through the evaporation of water, including open circuit cooling towers, closed circuit cooling towers, and evaporative condensers.

Modify Table 5-1 as shown below. The remainder of Table 5-1is unchanged.

Table 5-1 Air Intake Minimum Separation Distance

Object	Minimum Distance, ft (m)
…	
~~Cooling tower~~ Evaporative heat rejection equipment exhaust	25 (7.5)
~~Cooling tower~~ Evaporative heat rejection equipment intake or basin	15 (5)
…	

Tracking #350i52r2 **Revision to NSF/ANSI 350-2019**
 Draft 2, Issue 52 (August 2020)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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1 General

1.1 Purpose

The purpose of this Standard is to establish minimum material, design, and construction, and performance requirements for onsite residential and commercial water reuse treatment systems. This Standard also specifies the minimum literature that manufacturers shall supply to authorized representatives and owners as well as the minimum service-related obligations that a manufacturer shall extend to owners.

1.2 Scope

This Standard contains minimum requirements for onsite residential and commercial water reuse treatment systems. Systems ~~may~~ include the following:

— greywater treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d). This applies to onsite residential and commercial treatment systems that treat greywater, those that treat laundry water from residential laundry facilities, and those that treat bathing water. See Section 8.1 for performance testing and evaluation;

— residential wastewater treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d). This applies to onsite residential treatment systems that treat combined wastewater generated by the occupants of residence(s). A reuse system treating 1,514 L/d (400 gal/d) to 5,678 L/d (1,500 gal/d) shall either be demonstrated to have met the Class I requirements of NSF/ANSI 40, or shall meet these requirements during concurrent testing to this Standard. A treatment system treating less than 1,514 L/d (400 gal/d) is not required to have met the Class I requirements of NSF/ANSI 40. See Section 8.2 for performance testing and evaluation; or

~~— commercial treatment systems. This applies to onsite commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and those treatment systems that treat greywater from commercial facilities with capacities exceeding 5,678 L/d (1,500 gal/d). These systems shall be performance tested and evaluated at the location of the reuse system installation, using the wastewater generated onsite from the facility serving the~~

~~treatment system. See Section 8.3 for performance testing and evaluation. The key elements of a field evaluation of a commercial treatment system are described in Annex N-1.~~

— commercial treatment systems. This applies to onsite commercial treatment systems that treat one or more of the following:

- all wastewater from a commercial facility of any capacity;
- laundry wastewater from a commercial facility of any capacity; or
- greywater from commercial facilities with capacities exceeding 5,678 L/d (1,500 gal/d).

These systems shall be performance tested and evaluated at the location of the reuse system installation, using the wastewater generated onsite from the facility serving the treatment system. See Section 8.3 for performance testing and evaluation. The key elements of a field evaluation of a commercial treatment system are described in Annex N-1.

Management methods and end uses appropriate for the treated effluent discharged from onsite residential and commercial treatment systems meeting Class R (single-family residential) or Class C (multi-family and commercial facilities) requirements of this Standard include indoor restricted urban water use, such as toilet and urinal flushing, and outdoor unrestricted urban water use, such as surface irrigation. Effluent quality criteria consistent with these uses are described in Section 8.6, Criteria.This Standard is intended to address public health and environmental issues. Actual performance for any site or system may vary, depending on variations in raw water supply (such as alkalinity and hardness), wastewater constituents, and patterns of use. The end use of the effluent is the responsibility of the owner, design professionals, and regulatory officials.

System components covered under other NSF or NSF/ANSI standards or criteria shall also comply with the requirements therein. This Standard shall in no way restrict new system designs, provided such designs meet the minimum specifications described herein.

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Rationale: This revision will add clarity to the scope

Tracking #350i54r2
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Revision to NSF/ANSI 350-2019
Issue 54, Revision 2 (August 2020)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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5 Design and construction •

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5.12 Backflow prevention

Units intended to be connected to a water supply system under pressure shall have one of the following:

— an air gap at least twice the diameter of the water supply inlet but not less than 25 mm (1.0 in); or

— an approved backflow prevention device as per local code of authority having jurisdiction; or

— a statement in the installation instructions and on a label permanently affixed to the equipment that clearly indicates that the equipment is to be installed with adequate backflow protection to comply with applicable federal, state, and local codes for high hazard water connections.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

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8.4 Sample collection

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8.4.1 Sample frequency

8.4.1.1 Greywater

Influent samples shall be collected two times per week, except for the following (which shall be collected one time per week): total phosphorous, COD, and total coliform. Influent hardness and alkalinity samples shall be collected every two weeks on the same day as influent samples. Effluent samples shall be collected three times per week during design loading periods and three times during each stress recovery period (the week following completion of each of the stress simulations described in Section 8.1.2.2.2). Influent samples shall be collected on the same day as effluent samples during each stress recovery period. Effluent samples shall be collected two times per week during all stress events, except power / equipment failure stress and vacation stress where no samples shall be collected. Color, odor, oily film and foam on the effluent once every 2 mo (8 wk [56 d]) for a total of three samples over the course of the test.

8.4.1.2 Residential wastewater

Influent residential wastewater samples shall be collected three times per week, except for the following (which shall be collected one time per week): total phosphorous, COD, and total coliforms. Effluent samples shall be collected three times per week during design loading periods and three times during each stress recovery period. Influent samples shall be collected on the same day as effluent samples during each stress recovery period. Effluent samples shall be collected two times per week during all stress events, except power / equipment failure stress and vacation stress where no samples shall be collected. Color, odor, oily film and foam on the effluent once every 2 mo (8 wk [56 d]) for a total of three samples over the course of the test.

8.4.2 All sample collection methods shall be in accordance with *Standard Methods*[Error! Bookmark not defined.] unless otherwise specified.

8.4.3 Influent and effluent wastewater samples shall be collected in accordance with the table below. Influent samples shall be obtained during periods of system dosing, and effluent samples shall be obtained during periods of system discharge. Effluent samples shall be representative of all treated effluent discharged from the system, as sampled from a central point of collection of all treated effluent. 24-h composite samples shall be flow-proportional. The location of the grab sample shall be appropriate to provide a sample that is representative of the influent or effluent. Systems containing storage of treated greywater shall be sampled at the outlet of the storage container. Grab samples shall be collected during the morning dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

Parameter	Sample type	Sample location	
		Raw influent	Treated effluent
BOD_5	24-h composite	X	—
$CBOD_5$	24-h composite	—	X
total suspended solids	24-h composite	X	X
pH	grab	X	X
temperature (°C)	grab	X	—
E. coli	grab	X	X
turbidity	24-h composite	X	X
disinfectant[1]	grab or 24-h composite	—	X
TKN	24-h composite	X	—
NO_2/NO_3	24-h composite	X	—
total phosphorous	24-h composite	X	—
COD	24-h composite	X	—
total coliforms	grab	X	—
alkalinity	grab or 24-h composite	X	—
hardness	grab or 24-h composite	X	—

If the treatment system introduces a disinfectant, the disinfectant shall be measured in the effluent sample. The sample type shall be 24-h composite except when the disinfectant is not stable for 24-h, in which case grab samples shall be collected.

When preparing a batch of synthetic greywater to dose a greywater system, hardness and alkalinity adjustment may be completed and measured before addition of other ingredients as the other ingredients have a negligible impact on these parameters. When taking this approach, harness and alkalinity are measured from grab samples. Hardness and alkalinity are measured from the 24-h composite sample for other influent preparation methods.

NOTE — Manufacturers may request additional sampling during testing dependent on end use of the effluent.

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard

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

Evaluation criteria for materials, components, products, equipment, and systems for use at recreational water facilities

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3. Swimming pool water contact materials and swimming pool treatment chemicals

3.1 Swimming pool water contact materials

Materials shall not sustain permanent damage or deformation when subject to repeated handling associated with the routine operation and maintenance of the equipment.

Materials intended to be in contact with swimming pool or spa / hot tub water shall not impart undesirable levels of contaminants or color to the water, as determined in accordance with Annex N-1. The following items are exempt from the material review procedures described in Annex N-1:

— swimming pool and spa / hot tub components with a surface area less than 100 in^2 (650 cm^2) in direct contact with water;

— swimming pool components with a mass less than 1.4 oz (40 g);

— spa / hot tub components with a mass less than 0.07 oz (2 g);

— components made entirely from materials acceptable for use as a direct or indirect food additive in accordance with 21 CFR 170-199[4] (Food and Drugs);

— glass (virgin, not recycled);

— series AISI 300 stainless steel;

— titanium alloy grade 1 and 2; and

— coatings and components made from materials acceptable for use in contact with potable water in accordance with NSF/ANSI 14 (potable water material requirements), NSF/ANSI 42, NSF/ANSI 51, or NSF/ANSI/CAN 61. In order to be qualified under NSF/ANSI 14, NSF/ANSI 42, or NSF/ANSI/CAN 61,

the surface area to water volume ratio of the intended use conditions shall meet the requirements of NSF/ANSI/CAN 61 when evaluated to the total allowable concentration (TAC) requirements of the Standard.

Materials listed under the United States Code of Federal Regulations, Title 21 (Food and Drugs) Part 189 *Substances prohibited for use in human food*, shall not be permitted as ingredients within material contacting pool, spa, or hot tub water. This includes arsenic, beryllium, cadmium, mercury, or thallium. Lead shall also not be used as an international ingredient in any water contact material except for products meeting the US Safe Drinking Water Act definition of lead free (≤ 0.25% weighted average lead content).

3.2 Swimming pool treatment chemicals

Swimming pool treatment chemicals requiring a health effects evaluation includes those directly added to the waters of pools and spas. These treatment chemicals shall be evaluated in accordance with the requirements of Annex N-12 and shall not impart undesirable levels of either chemical constituents or contaminants to the water.

Swimming pool treatment chemical~~s~~ constituents evaluated under this Standard shall ~~be~~ include:

- the swimming pool treatment chemical constituents;
- the product-specific contaminants identified in the formulation review or by testing; and
- other constituents as identified in the formulation review or by testing.

Excluded from health effects evaluations are any chemicals not added directly to the water that only have incidental contact.

NOTE — The excluded treatment chemicals are not diluted in the recreational water, thus a health effects assessment must consider user exposure to the concentrated chemical under different circumstances. This exposure is best evaluated using a different hazard assessment than the framework outlined in Annex N-12.

BSR/UL 779, Standard for Safety for Electrically Conductive Floorings

1. Revisions to permit the use of electronic medium for required documentation.

PROPOSAL

9 Installation Instructions

9.1 General

9.1.1 Electrically conductive flooring shall be provided with documentation that includes all the instructional material required by this standard.

9.2 Electronic medium for required instructions

9.2.1 The required instructional material of this standard may be provided additionally or alternatively by electronic media under the following conditions:

a) Where all required instructional material is provided by electronic media, there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode).

b) Where only some of the required instructional material is provided by electronic media and some is printed:

1) there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode); and

2) the printed instructions provided with the apparatus shall clearly identify that additional information is available electronically, along with the document number, revision level and location of this electronic documentation (e.g. URL, QRcode).

Exception: For small electrical apparatus where some or all of the instructional material is to be provided by electronic media, and where there is limited space for both the international symbol ⚠ (Reference No. 0434B of ISO 7000) and the document number, revision level and location of the electronic documentation (e.g. URL, QRcode):

a) the international symbol ⚠ (Reference No. 0434B of ISO 7000) shall be marked on the apparatus; and

b) printed instructions shall be provided with the apparatus that, as a minimum, indicates the document number, revision level and location of the electronic documentation (e. g. URL, QRcode).

NOTE When electronic documentation is referenced either on the device or on the printed instructions, the location given can be the specific location for the required instructions (e. g. direct link to the specific instructions), or can be a more general location. (e.g. the URL for the overall manufacturer's website). It is the manufacturer's responsibility to assure that the location of the required instructions is accessible by the user.

9.3 Where a QRcode is used to provide the required instructional material, and the QRcode contains all required instructional material (as opposed to merely referencing a URL that contains required instructional material), a document number and revision level need not be indicated.

9.4 Where some or all of the required instructional material is provided by electronic media, the required instructional material shall be available in printed format upon request of the user.

BSR/UL 982, Standard for Safety for Motor-Operated Household Food Preparing Machines

7. Wand-Type Mixer – Aligning Instructions with Recent Revisions to 72.1(c)

76.31.1 The following shall be included in the instruction manual for wand-type mixers in addition to any other safety instructions required by the standard:

a) ~~Utilize the wording in the Exception to~~ Replace 75.1(c)~~.~~ with the following:

"This appliance is not intended for use by children or by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge. Close supervision is necessary when any appliance is used near children. Children should be supervised to ensure that they do not play with the appliance."

b) "When mixing liquids, especially hot liquids, use a tall container or make small quantities at a time to reduce spillage."

c) "Keeps hands and utensils out of the container while blending to prevent the possibility of severe injury to persons or damage to the unit. A scraper may be used but must be used only when the unit is not running."

d) "Blades are sharp. Handle carefully."

BSR/UL 1067, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations

1. Revisions to permit the use of electronic medium for required documentation.

PROPOSAL

21.3 A product that exceeds the acceptable resistance after exposure to oil shall be marked with the word "CAUTION" and the following or equivalent wording: "As oil is injurious to compounds and impairs the electrical conductivity of these products, contact with oil should be avoided." This marking shall be on the product or in the instructions ~~packed with the product~~. Also see note a to Table 16.1.

22 Instructions ~~Manual~~

22.1 General

22.1.1 The manufacturer shall provide instructions for proper use of the product except for a product for which the use is obvious.

22.1.2 Bonding appliances shall be provided with instructions for mounting.

22.2 Electronic medium for required instructions

22.2.1 The required instructional material of this standard may be provided additionally or alternatively by electronic media under the following conditions:

a) Where all required instructional material is provided by electronic media, there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode).

b) Where only some of the required instructional material is provided by electronic media and some is printed:

1) there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode); and

2) the printed instructions provided with the apparatus shall clearly identify that additional information is available electronically, along with the document number, revision level and location of this electronic documentation (e.g. URL, QRcode).

Exception: For small electrical apparatus where some or all of the instructional material is to be provided by electronic media, and where there is limited space for both the international symbol ⚠ (Reference No. 0434B of ISO 7000) and the document number, revision level and location of the electronic documentation (e.g. URL, QRcode):

a) *the international symbol ⚠ (Reference No. 0434B of ISO 7000) shall be marked on the apparatus; and*

b) *printed instructions shall be provided with the apparatus that, as a minimum, indicates the document number, revision level and location of the electronic documentation (e. g. URL, QRcode).*

NOTE When electronic documentation is referenced either on the device or on the printed instructions, the location given can be the specific location for the required instructions (e. g. direct link to the specific instructions), or can be a more general location. (e.g. the URL for the overall manufacturer's website). It is the manufacturer's responsibility to assure that the location of the required instructions is accessible by the user.

22.2.2 Where a QRcode is used to provide the required instructional material, and the QRcode contains all required instructional material (as opposed to merely referencing a URL that contains required instructional material), a document number and revision level need not be indicated.

22.2.4 Where some or all of the required instructional material is provided by electronic media, the required instructional material shall be available in printed format upon request of the user.

BSR/UL 1576, Standard for Safety for Flash Lights and Lanterns

1. Proposed Revisions To The Scope And Addition Of Photobiological Safety Assessment To Clarify Requirements With Ultraviolet (UV) Radiation Sources

1.4 These requirements do not cover:

a) Stand-alone battery chargers;

b) Cord and plug connected work lights and hand lights without batteries that are within the scope of UL 153;

c) Cord and plug connected portable luminaires other than work lights and hand lights, with or without batteries, that are within the scope of UL 153;

d) Aquarium lighting that is within the scope of UL 1018;

e) Emergency lighting that is within the scope of UL 925; and

f) Products with ultraviolet (UV) radiation sources greater than "Exempt Group" as specified in IEC 62471, ~~for purposes of identifying, examining and investigating materials intended for commercial applications that are within the scope of UL 61010-1~~.

18A.3 The assigned IEC 62471 risk group classification for the product resulting from the photobiological safety assessment shall not be greater than "Exempt Group" as specified in IEC 62471.

Note: "Exempt Group" is considered to be an ~~lamp/LED~~ optical source that does not pose any photobiological hazard.

BSR/UL 61730-2, Standard for Safety for Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing

1. Addition of a New Fire Type 34 in 10.17DV.4.5.2 and Table 10.17DV.4.6.1

10.17DV.4.5.2 A Type 28, 29, ~~or~~ 30 or 34 module or panel meets the following requirements:

a) Construction: Glass superstrate of 2,67 ± 0,76 mm (0,105 ± 0,030 in); a polymeric encapsulant between the superstrate and cells with a pre-lamination thickness of 0,5 ± 0,3 mm (0,020 ± 0,012 in); a polymeric encapsulant between the cells and substrate with a pre-lamination thickness of 0,5 ± 0,3 mm (0,020 ± 0,012 in) and a glass substrate of 2,67 ± 0,76 mm (0,105 ± 0,030 in); and without metallic frame (Type 28 or 34) or with metallic framing (Type 29 or 30).

b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section DVB.1. For Type 28, 29, ~~and~~ 30 and 34, the allowable spread of flame of 1,82 m (6 feet) or less in 10 minutes.

c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section DVB.2. For Type 28 and 29, passing results using a C Brand shall be demonstrated. For Type 30 and 34, passing results using an A Brand shall be demonstrated.

Table 10.17DV.4.6.1
Construction and fire performance for PV module types [a]

Note from STP Project Manager: The entire contents of the Table are not provided below. Please note the only proposed change is the addition of the last row for new Type 34.

	Superstrate	Encapsulant (Super/Cell)	Encapsulant (Cell/Sub)	Substrate	Frame	Fire Performance	
Type	**Material/Thickness**	**Material/Thick-ness**	**Material/Thick-ness**	**Material/Thickness**	**Material**	**Spread of Flame**	**Burning Brand**
[No other changes to the Table are being proposed]							
32	Glass / 2,4 ± 0,4 mm (0,09 ± 0,02 in)	Polymer / 0,5 ± 0,3 mm (0,020 ± 0,012 in)	Polymer / 0,5 ± 0,3 mm (0,020 ± 0,012 in)	Polymer / 0,025 mm (0,001 in) ≤ thickness < 0,30 mm (0,012 in)	Metallic	3,96 m (13 feet) or less in 4 minutes	C Brand
33						2,4 m (8 feet) or less in 10 minutes	
34	Glass / 2,67 ± 0,76 mm (0,105 ± 0,030 in)			Glass / 2,67 ± 0,76 mm (0,105 ± 0,030 in)	None	1,82 m (6 feet) or less in 10 minutes	A Brand