ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: July 7, 2019

ISEA (International Safety Equipment Association)

Revision

BSR/ISEA 201-201x, Insulation and Wash Durability Classification of Apparel Used in Cold Work Environments (revision of ANSI/ISEA 201-2012)

This standard establishes performance and classification requirements for occupational apparel used in cold work environments. Specific performance categories are included for thermal insulation (Clo) and thermal transport properties. Classifications are based on the resistance to the decay of these properties due to laundering. The document also includes garment care and labeling requirements and provides guidance on garment selection. Specific apparel includes insulated or shell jackets, parkas, pants, coveralls, and insulated flame resistant occupational wear. This standard does not address gloves or headwear.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: cfargo@safetyequipment.org

NSF (NSF International)

Revision

BSR/NSF 173-201x (i81r3), Dietary Supplements (revision of ANSI/NSF 173-2018)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full

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

BSR/NSF 173-201x (i82r2), Dietary Supplements (revision of ANSI/NSF 173-2018)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full

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

BSR/NSF 173-201x (i84r1), Dietary Supplements (revision of ANSI/NSF 173-2018)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full

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

BSR/NSF 342-201x (i11r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2014)

This sustainability standard establishes a consistent approach to the evaluation and determination of environmentally preferable and sustainable wallcovering manufacturing and distribution processes. The Standard includes relevant criteria across the product life cycle from raw material extraction through manufacturing, distribution, and end-of-life management. The scope of the standard includes the following wallcovering manufacturing processes:

- raw material inputs (fibers, resins, additives, colorants, and process chemicals);

- fabric or sheet formation;

- finishing treatments; and

- attachment systems.

The scope of the standard also includes the following wallcovering distribution processes:

- product distribution;

- recycling infrastructure support; and

- indoor air quality (IAQ).

As used in this Standard, “Wallcovering Manufacturing & Distribution” includes, but is not limited to textiles, vinyl, vinyl coated, alternative polymer, alternative polymer coated, textiles, paper, and other natural fiber products. The Standard is applicable to products manufactured in one facility or multiple facilities, one country or multiple countries.

Click here to view these changes in full

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

BSR/NSF 350-201x (i43r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2018)

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

BSR/NSF/CAN 60-201x (i81r1), Drinking Water Treatment Chemicals - Health Effects (revision and redesignation of ANSI/NSF 60 -2018)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking water treatment chemicals.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 295-201x, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2017)

The following topic is being proposed: (1) Addition of flexible metallic hose reference.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

BSR/UL 486F-201x, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2018)

(3) Updates to Tables 1 - 6.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, mitchell.gold@ul.com

BSR/UL 639-201X, Standard for Safety for Intrusion-Detection Units (revision of ANSI/UL 639-2012 (R2018))

For Ballot and Comment Only: Installation and Operating Instructions – Electronic Media Option.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Wathma Jayathilake, (613) 368-4432, Wathma.Jayathilake@ul.com

BSR/UL 1238-201x, Standard for Safety for Control Equipment for Use with Flammable Liquid Dispensing Devices (revision of ANSI/UL 1238-2016)

The following topic is being proposed: (1) Addition of reference to UL 61010-1.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

BSR/UL 1981-201X, Standard for Safety for Central-Station Automation Systems (revision of ANSI/UL 1981-2014)

Remote access to the automation system.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Wathma Jayathilake, (613) 368-4432, Wathma.Jayathilake@ul.com

Comment Deadline: July 22, 2019

AAMI (Association for the Advancement of Medical Instrumentation)

New Standard

BSR/AAMI RT3-201x, Radiation therapy machine characterization (new standard)

This standard defines a standard XML format for publishing and reporting the physical parameters of a C-Arm Radiation Therapy Linear Accelerator or the physical parameters in a software model of such a device.

Single copy price: Free

Obtain an electronic copy from: csidebottom@aami.org

Send comments (with optional copy to psa@ansi.org) to: Charles Sidebottom, (763) 208-6904, Csidebottom@aami.org

ANS (American Nuclear Society)

New Standard

BSR/ANS 54.1-201x, Nuclear Safety Criteria and Design Process for Liquid-Metal-Cooled Nuclear Power Plants (new standard)

Recirculation Ballot for Substantive Changes. This standard establishes the nuclear safety criteria, functional performance requirements, and design requirements for liquid-sodium -cooled nuclear power plants. The document uses performance-based, risk-informed criteria wherever possible. It also describes the design process to be followed to establish those criteria and perform structures, systems, and component classifications

Single copy price: $96.00

Obtain an electronic copy from: orders@ans.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 1-2000 (R201x), Conduct of Critical Experiments (reaffirmation of ANSI/ANS 1-2000 (R2012))

This standard provides criteria for the safe conduct of critical experiments. Such experiments study neutron behavior in a fission device which may be critical where the energy produced is insufficient to require auxiliary cooling and the power history is such that the inventory of long-lived fission product is insignificant.

Single copy price: $44.00

Obtain an electronic copy from: orders@ans.org

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

BSR/ANS 14.1-2004 (R201x), Operation of Fast Pulse Reactors (reaffirmation of ANSI/ANS 14.1-2004 (R2014))

This standard is for those involved in the design, operation, and review of fast pulse reactors. It has been formulated in general terms to be applicable to all current fast pulse reactors. This standard does not apply to periodically pulsed reactors or booster assemblies.

Single copy price: $52.00

Obtain an electronic copy from: orders@ans.org

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

API (American Petroleum Institute)

Supplement

BSR/API Standard 537-201x, Flare Details for Petroleum, Petrochemical, and Natural Gas Industries (supplement to ANSI/API Standard 537, 3rd Edition, 1st Addendum-201x)

This project is to publish the 1st Addendum to the 3rd Edition. This standard specifies requirements and provides guidance for the selection, design, specification, operation, and maintenance of flares and related combustion and mechanical components used in pressure-relieving and vapor-depressurizing systems for petroleum, petrochemical, and natural gas industries. While this standard is primarily intended for onshore facilities, guidance related to offshore applications is included. Proposed new Annex G will cover pressure-relieving and depressuring systems, as they relate to flares used in the oil and gas industry. Specifically, this new annex will incorporate material from the 6th Edition of API Standard 521 (Pressure-relieving and Depressuring Systems) and will cover design and selection of ground-level and elevated flares and burn pits, and will address: combustion methods and control and monitoring systems designed to increase flame stability; combustion methods to reduce smoke emissions, such as steam-assisted, high-pressure air, and high-pressure water flares; low-pressure forced-air systems; high-pressure flaring; flare purging systems; flare gas ignition; flare noise reduction; and optimal sizing and height of flares and flare stacks.

Single copy price: $25.00 (paper copy); Electronic copy is free.

Obtain an electronic copy from: http://mycommittees.api.org /standards/cre/schte /default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with optional copy to psa@ansi.org) to: Nathaniel Wall, Walln@api.org

ASA (ASC S12) (Acoustical Society of America)

New Standard

BSR/ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 4: Acoustic Standards for Physical Education Teaching Environments (new standard)

Recirculation ballot for the proposed approval of a standard applicable to gymnasia and other physical education learning spaces in permanent schools. This standard includes acoustical performance criteria, and design requirements for gymnasia and other physical education learning spaces. Annex A provides procedures for optional testing to determine conformance with the source background noise requirements and the reverberation time requirements of this standard. Annex B provides commentary information on various paragraphs of this standard. Annex C provides guidelines for controlling reverberation in gymnasia and other physical education spaces. Annex D provides guidelines for controlling background noise in gymnasia and other physical education spaces.

Single copy price: $150.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

Send comments (with optional copy to psa@ansi.org) to: asastds@acousticalsociety.org

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

BSR/ASA S3.45-2009 (R201x), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009 (R2014))

Required 5-year maintenance of this standard which defines procedures for performing and reporting a battery of tests for the evaluation of human vestibular function. Six different tests are specified. Stimuli are presented to evoke eye movement by a subject whose response is determined either by measurement of electrical signals generated by the eye movements or by image processing methods applied to video eye movements. The Standard specifies test procedures, measurements, data analysis, and data reporting requirements. These tests, including the data analysis and reporting procedures, are called the Basic Vestibular Function Test Battery. Test interpretation is not a part of this Standard.

Single copy price: $120.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

Send comments (with optional copy to psa@ansi.org) to: asastds@acousticalsociety.org

ASTM (ASTM International)

New Standard

BSR/ASTM WK61305-201x, Practice for Specimen Preparation and Mounting of Plastic Composites for Use as Deck Boards, Stair Treads, Guards or Handrails to Assess Surface Burning Characteristics (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) 832-9696, accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1134-2015 (R201x), Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (reaffirmation of ANSI/ASTM F1134-2015)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM F1827-2013 (R201x), Terminology Relating to Food Service Equipment (reaffirmation of ANSI/ASTM F1827-2013)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM F2087-2013 (R201x), Specification for Packing, Fiberglass, Braided, Rope, and Wick (reaffirmation of ANSI/ASTM F2087 -2013)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM F2687-2013 (R201x), Practice for Life Cycle Cost Analysis of Commercial Food Service Equipment (reaffirmation of ANSI/ASTM F2687-2013)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D3241-201x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM D4865-201x, Guide for Generation and Dissipation of Static Electricity in Petroleum Fuel Systems (revision of ANSI/ASTM D4865-2009 (R2014))

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E535-201x, Practice for Preparation of Fire-Test-Response Standards (revision of ANSI/ASTM E535-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E648-201x, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2017A)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E662-201x, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E2058-201x, Test Methods for Measurement of Material Flammability Using a Fire Propagation Apparatus (FPA) (revision of ANSI/ASTM E2058-2013A)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E2307-201x, Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-Story Test Apparatus (revision of ANSI/ASTM E2307-2015)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

BSR/ASTM E2989-201x, Guide for Assessment of Continued Applicability of Reaction to Fire Test Reports Used in Building Regulation (revision of ANSI/ASTM E2989-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: lklineburger@astm.org

Order from: Laura Klineburger, (610) 832-9696, accreditation@astm.org

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

AWS (American Welding Society)

New Standard

BSR/AWS C3.14M/C3.14-201x, Standard Method for Evaluation of Brazed Joints using Visual and Metallographic Techniques (new standard)

This standard describes and illustrates the test methods used to obtain information related to brazed joint quality and structural integrity. Verification methods include visual observation, as well as metallography of such parameters as braze wetting; braze joint erosion; brazing filler metal penetration; differences between excess wetting, lack of wetting, and dewetting; and formation of voids, cracks, and features which may be detrimental to end use. Additionally, methods to determine diffusion of braze alloying elements and procedures to qualify such methods are described. Photographs illustrating visual inspection, schematic illustrations, and photomicrographs illustrating various aspects of brazed joint integrity are presented.

Single copy price: $36.00 (Non-Members)/$27.00 (AWS Members)

Obtain an electronic copy from: kbulger@aws.org

Order from: Kevin Bulger, (800) 443-9353, kbulger@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS C3.9M/C3.9-201x, Specification for Resistance Brazing (revision of ANSI/AWS C3.9M/C3.9-2008)

This specification provides the minimum fabrication, equipment, material, and process procedure requirements, as well as discontinuity limits for the resistance brazing of steels, copper, copper alloys, heat- and corrosion-resistant alloys, and other materials that can be adequately resistance brazed (the resistance brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying resistance brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class. This specification defines acceptable resistance brazing equipment, materials, and procedures, as well as the required inspection for each class of joint.

Single copy price: $34.00 (Non-Members)/$26.00 (AWS Members)

Obtain an electronic copy from: kbulger@aws.org

Order from: Kevin Bulger, (800) 443-9353, kbulger@aws.org

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

LIA (ASC Z136) (Laser Institute of America)

New Standard

BSR Z136.7-201x, Standard for Testing and Labeling of Laser Protective Equipment (new standard)

This standard addresses emerging laser technology protective requirements, e.g., broad-spectrum laser sources, ultrafast lasers systems, new high-power systems not previously handled; including testing methodology definitions, refinement of testing protocols and data supporting known damage thresholds as a function of laser source parameters and materiel solutions adopted. The scope of this standard is to provide recommendations for the testing requirements and labeling of protective equipment (devices) designed for use with lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

Single copy price: $30.00 (Electronic Copy Only)

Obtain an electronic copy from: https://www.lia.org/store/product/z1367-draft-public-review-electronic-standard-testing-and-labeling-laser-protective

Send comments (with optional copy to psa@ansi.org) to: https://www.lia.org/store/product/z1367-draft-public-review-electronic-standard-testing-and-labeling-laser-protective

NSF (NSF International)

Revision

BSR/NSF 457-201x (i3r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

This is a sustainability leadership Standard for PV modules. The scope of this Standard includes PV modules for installation on, or integral with buildings, or to be primarily used as components of free-standing power-generation systems, including but not necessarily limited to:

— photovoltaic cells that generate electric power using solar energy;

— interconnects (materials that conduct electricity between cells);

— encapsulant (insulating material enclosing the cells and cell interconnects);

— superstrate (material forming primary light-facing outer surface) and substrate (material forming back outer surface) (e.g., glass, plastic films);

— wires used to interconnect photovoltaic modules and connect junction boxes to the balance of system equipment;

— frame or integrated mounting mechanism, if present.

The following are not included:

— balance of system equipment, such as cabling and mounting structures, equipment intended to accept the electrical output from the array, such as power conditioning units (inverters) and batteries, unless they are contained in the photovoltaic module;

— a photovoltaic cell that is a part of another device for which it produces the electricity, such as consumer or industrial electronic products (e.g., calculators, lights, textile) where the photovoltaic cell primarily provides the energy needed to make the electronic product function; and

— mobile photovoltaic cell where the inverter is so integrated with the photovoltaic cell that the solar cell requires disassembly before recovery.

This Standard establishes measurable criteria for multiple levels of sustainability/environmental leadership achievement and performance throughout the lifecycle of the product. This Standard addresses multiple attributes and environmental performance categories including management of substances, preferable materials use, life cycle assessments, energy efficiency and water use, responsible end-of-life management and design for recycling, product packaging, and corporate responsibility.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/49030/457i3r1%20JC%20Memo%20and%20ballot.pdf

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

BSR/NSF 457-201x (i4r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

This is a sustainability leadership Standard for PV modules. The scope of this Standard includes PV modules for installation on, or integral with buildings, or to be primarily used as components of free-standing power-generation systems, including but not necessarily limited to:

— photovoltaic cells that generate electric power using solar energy;

— interconnects (materials that conduct electricity between cells);

— encapsulant (insulating material enclosing the cells and cell interconnects);

— superstrate (material forming primary light-facing outer surface) and substrate (material forming back outer surface) (e.g., glass, plastic films);

— wires used to interconnect photovoltaic modules and connect junction boxes to the balance of system equipment; and

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The following are not included:

— balance of system equipment, such as cabling and mounting structures, equipment intended to accept the electrical output from the array, such as power conditioning units (inverters) and batteries, unless they are contained in the photovoltaic module;

— a photovoltaic cell that is a part of another device for which it produces the electricity, such as consumer or industrial electronic products (e.g., calculators, lights, textile) where the photovoltaic cell primarily provides the energy needed to make the electronic product function;

— mobile photovoltaic cell where the inverter is so integrated with the photovoltaic cell that the solar cell requires disassembly before recovery.

This Standard establishes measurable criteria for multiple levels of sustainability/environmental leadership achievement and performance throughout the life cycle of the product. This Standard addresses multiple attributes and environmental performance categories including management of substances, preferable materials use, life cycle assessments, energy efficiency and water use, responsible end-of-life management and design for recycling, product packaging, and corporate responsibility.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/49063/457i4r1%20JC%20Memo%20and%20ballot.pdf

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

OPEI (Outdoor Power Equipment Institute)

New National Adoption

BSR/OPEI 60335-2-107-201x, (Standard) for Outdoor Power Equipment - Household and similar electrical appliances - Safety - Part 2 -107: Particular requirements for robotic battery powered electrical lawnmowers (national adoption with modifications of IEC 60335-2 -107)

This is the first edition of the OPEI standard particular requirements for robotic battery powered electrical lawnmowers; OPEI 60335-2 -107. This document specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75V d.c. This document deals with all the significant hazards presented by battery powered robotic lawnmowers and their peripherals when they are used as intended and under conditions of misuse which are reasonably foreseeable. This document also provides requirements for the safety of mains-powered charging stations and signal sources for perimeter delimiters.

Single copy price: Free

Obtain an electronic copy from: bmartin@opei.org

Send comments (with optional copy to psa@ansi.org) to: Brandon Martin, bmartin@opei.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 73-201x, Standard for Safety for Motor-Operated Appliances (revision of ANSI/UL 73-2018)

This proposal for UL 73 covers: (1) Proposed changes to UV requirements to address insect and rodent control equipment; (2) proposed changes to paragraph 41A.3 to reduce the number of required cycles of operation testing for interlocks that reduce exposure to UV radiation.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Order from: http://www.shopulstandards.com

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: August 6, 2019

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

RESNET (Residential Energy Services Network, Inc.)

New Standard

BSR/RESNET/ICC 310-201x, Standard for Grading the Installation of HVAC Systems (new standard)

Provides a methodology for evaluating and grading the installation quality of Unitary HVAC systems. The standard is applicable to Unitary HVAC Systems including air conditioners and heat pumps in detached one- and two-family Dwellings, Townhouses, as well as in Dwelling Units and Sleeping Units that have their own HVAC system separate from other units.

Single copy price: $55.00

Obtain an electronic copy from: An electronic copy of the amendment can be downloaded from the RESNET website by following the links from web page http://www.resnet.us/blog/resnet-consensus-standards/

Order from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with optional copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See the links from webpage: http://www.resnet.us/blog/resnet-consensus-standards/

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1446-201x, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2019)

The proposed eighth edition of the Standard for Systems of Insulating Materials, UL 1446, as an American National Standard and National Standard of Canada. This standard covers test procedures to be used in the evaluation of Class 120(E) or higher electrical insulation systems (EIS) for use in the United States, and Class 130(B) or higher EIS for use in Canada, where the thermal factor is the dominating aging factor. This standard also covers the investigation of the substitution of non-electrical insulating materials (NIM) components of insulation in a previously evaluated insulation system and also the test procedures to be used in the evaluation of magnet wire coatings, magnet wires, and varnishes.

Single copy price: Free

Order from: http://www.shopulstandards.com

Send comments (with optional copy to psa@ansi.org) to: Megan Monsen, (847) 664-1292, megan.monsen@ul.com

Technical Reports Registered with ANSI

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

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

Comment Deadline: July 7, 2019

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

INCITS/ISO/IEC TR 21565:2018 [2019], Information technology - Office equipment - Viewing environment guideline for office equipment (technical report)

Provides an overview of office viewing environment and color characterization guidelines for use with office equipment, in particular color printing devices that have digital imaging capabilities, including multi-function devices.

Single copy price: $52.00

Order from: ANSI Webstore: https://webstore.ansi.org/Standards/ISO/ISOIECTR215652018

Projects Withdrawn from Consideration

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:

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10993-12 Amd 1-200x, Biological evaluation of medical devices - Part 12: Sample preparation and reference materials (Amendment 1) (supplement to ANSI/AAMI/ISO 10993-12-2002)

Amendment to ISO 10993-12:2002

Inquiries may be directed to Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

BSR/ISO 10993-10 DAM1-200x, Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity (draft Amendment 1) (supplement to ANSI/AAMI BE78-2002)

Amendment to ISO 10993-10:2002.

Inquiries may be directed to Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

BSR/X9.109-200x, Domain Parameter and Key Pair Generation (new standard)

Domain parameters and public-key/private-key pairs are an essential component of cryptographic security for many financial institutions, yet methods for generating them and obtaining assurance of their correct generation and of a party's possession of a private key have not generally been given the same level of attention in standards as methods for using the keys. As a result, many of today's cryptographic products do not obtain or provide the proper assurances for domain parameters and keys. This deficiency, if exploited, could result in a loss of cryptographic security.

Inquiries may be directed to Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

BSR X9.91-200x, Advanced Encryption Standard (AES) for the Financial Services Industry (new standard)

This proposed standard is intended to succeed the Data Encryption Standard (DES) and provide superior security and efficiency to that of Triple DES. It is expected that the AES will be widely used by the Federal Government and, on a voluntary basis, by the private sector. An AES standard for financial institutions consisting of the following parts is proposed: (1) a specification of the algorithm; (2) encryption modes of operation; (3) a message authentication code; and (4) a hash algorithm.

Inquiries may be directed to Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

CTA (Consumer Technology Association)

BSR/CTA 2041-A-201x, Standard for Round Tactile Feedback Feature (revision and redesignation of ANSI/CTA 2041-2012)

This standard defines a round and other shaped tactile feedback feature for remote controls.

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

BSR/CTA 2057-201x, Interoperability Standards Series for Consumer EEG Data - Local Transmission (new standard)

R6.4 WG3 will create a standard to enable real-time processing and storage of collected data by synchronous transmission of multiple data streams, each potentially sampled at a different rate, on a local network. Each data streams may also have a different type, e.g., real numbers or strings, or have an irregular sampling rate (e.g., events)

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

BSR/CTA 2058-201x, Interoperability Standards Series for Consumer EEG Data - Event Description (new standard)

Events capture changes in the real or virtual world that are potentially relevant to understanding the data collected from the user. User actions (e.g., pressing a button or starting to walk), changes in state (surprise, detection of targets or errors, receiving positive or negative feedback) and presentations of various stimuli (e.g., audio and visual elements in a game) can potentially induce changes in recorded EEG, heart rate, and other biosignals. The purpose of this standard is to harmonize the way that events are described, i.e., various aspects of them are represented and transmitted.

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

BSR/CTA 2059-201x, Interoperability Standards Series for Consumer EEG Data - User State Description (new standard)

Estimation of User State (e.g., sleepy, alert, or surprised) is the main focus of most Brain Computer Interface (BCI) applications. The purpose of this standard is to (a) define a list of terms that are used to describe User State, clearly explaining the meaning of each term; (b) define the numerical and/or categorical value ranges associated with each term, e.g., using values between one (1) and zero (0) for 'focused' user state, with the value one (1) referring to a fully focused user state.

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

BSR/CTA 2061-201x, Interoperability Standards Series for Consumer EEG Data - Group-level meta-data encapsulation (new standard)

The purpose of this standard is to (a) define the minimum set of information (metadata) required to process EEG and associated data collected from a group of users and (b) adopt a schema to encapsulate this information and make it available for automated processing.

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

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.

ASA (ASC S12) (Acoustical Society of America)

Office: 1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Contact: Caryn Mennigke
Phone: (631) 390-0215
E-mail: asastds@acousticalsociety.org

BSR/ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 4: Acoustic Standards for Physical Education Teaching Environments (new standard)

ASA (ASC S3) (Acoustical Society of America)

Office: 1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Contact: Caryn Mennigke
Phone: (631) 390-0215
E-mail: asastds@acousticalsociety.org

BSR/ASA S3.22-201x, Specification of Hearing Aid Characteristics (revision of ANSI ASA S3.22-2014)

BSR/ASA S3.45-2009 (R201x), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009 (R2014))

AWS (American Welding Society)

Office: 8669 Doral Blvd
Suite 130
Doral, FL 33166
Contact: Kevin Bulger
Phone: (800) 443-9353
E-mail: kbulger@aws.org

BSR/AWS C3.9M/C3.9-201x, Specification for Resistance Brazing (revision of ANSI/AWS C3.9M/C3.9-2008)

BSR/AWS C3.14M/C3.14-201x, Standard Method for Evaluation of Brazed Joints using Visual and Metallographic Techniques (new standard)

ECIA (Electronic Components Industry Association)

Office: 13873 Park Center Road
Suite 315
Herndon, VA 20171
Contact: Laura Donohoe
Phone: (571) 323-0294
E-mail: ldonohoe@ecianow.org

BSR/EIA 576-C-201x, Resistors, Rectangular, Surface Mount Precision (revision and redesignation of ANSI/EIA 576-B-2014)

BSR/EIA 703-B-201x, General Resistor Stress Test Qualification Specification (new standard)

BSR/EIA 60384-15-201x, Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (identical national adoption of IEC 60384-15:2017 Edition 2.0)

BSR/EIA 60384-21-201x, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2019 Edition 3.0)

BSR/EIA 60384-22-201x, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2019 Edition 3.0)

BSR/EIA 62391-1-201x, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2015 Edition 2.0)

BSR/IEC 60384-26-201x, Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-26:2018 Edition 2.0)

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: Lynn Barra
Phone: (202) 737-8888
E-mail: comments@standards.incits.org

INCITS/ISO/IEC 5138-3-1981 [S2019], Information technology - Office Machines - Vocabulary - Part 03: Addressing Machines (stabilized maintenance of INCITS/ISO/IEC 5138-3-1981 (R2004))

INCITS/ISO/IEC 9593-3:1990/AM1:1994 [S2019], Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R2004))

INCITS/ISO/IEC 9593-4:1991/AM1:1994 [S2019], Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 9593-4 -1991/AM1-1994 (R2004))

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Contact: Rachel Brooker
Phone: (734) 827-6866
E-mail: rbrooker@nsf.org

BSR/NSF 173-201x (i81r3), Dietary Supplements (revision of ANSI/NSF 173-2018)

BSR/NSF 173-201x (i82r2), Dietary Supplements (revision of ANSI/NSF 173-2018)

BSR/NSF 173-201x (i84r1), Dietary Supplements (revision of ANSI/NSF 173-2018)

BSR/NSF 342-201x (i11r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2014)

BSR/NSF 350-201x (i43r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2018)

BSR/NSF 457-201x (i3r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

BSR/NSF 457-201x (i4r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

BSR/NSF/CAN 60-201x (i81r1), Drinking Water Treatment Chemicals - Health Effects (revision and redesignation of ANSI/NSF 60-2018)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Contact: Wathma Jayathilake
Phone: (613) 368-4432
E-mail: Wathma.Jayathilake@ul.com

BSR/UL 639-201X, Standard for Safety for Intrusion-Detection Units (revision of ANSI/UL 639-2012 (R2018))

BSR/UL 1981-201X, Standard for Safety for Central-Station Automation Systems (revision of ANSI/UL 1981-2014)

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.

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S2.28-2009 (R2019), Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009 (R2014)): 6/3/2019

NAAMM (National Association of Architectural Metal Manufacturers)

Revision

ANSI/NAAMM MBG 532-2019, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-2009): 6/3/2019

NSF (NSF International)

Revision

ANSI/NSF 5-2019 (i10r1), Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2016): 5/26/2019

ANSI/NSF 40-2019 (i32r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018): 5/29/2019

ANSI/NSF 51-2019 (i18r1), Food Equipment Materials (revision of ANSI/NSF 51-2017): 5/26/2019

ANSI/NSF 170-2019 (i27r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017): 5/26/2019

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

Revision

ANSI/RESNA ED-1-2019, RESNA Standard for Evacuation Devices - Volume 1: Emergency Stair Travel Devices Used by Individuals with Disabilities (revision of ANSI/RESNA ED-1-2013): 6/3/2019

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 1191-2019, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2018): 5/28/2019

ANSI/UL 1191-2019a, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2018): 5/28/2019

ANSI/UL 2703-2019, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015): 5/29/2019

ANSI/UL 2703-2019a, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015): 5/29/2019

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.

ASA (ASC S3) (Acoustical Society of America)

Contact: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org
1305 Walt Whitman Road, Suite 300, Melville, NY 11747

Revision

BSR/ASA S3.22-201x, Specification of Hearing Aid Characteristics (revision of ANSI ASA S3.22-2014)

Stakeholders: Hearing aid manufacturers, hearing aid dispensers, FDA, audiologists, hearing care professionals.

Project Need: The standard requires technical updates throughout to respond to improvements and changes in the technology and to maintain harmony with IEC 60118-0, including increasing bandwidth of some measurements and inclusion of methods to measure performance with non-acoustic inputs to hearing aids.

Describes air-conduction hearing-aid measurement methods that are particularly suitable for specification and tolerance purposes. Various test methods are described. Specific configurations are given for measuring the input SPL to a hearing aid. Allowable tolerances in relation to values specified by the manufacturer are given for certain parameters. Appendices describe equivalent substitution methods, characteristics of battery simulators, and additional tests to characterize the electroacoustic performance of hearing aids more completely.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org
Two Park Avenue, New York, NY 10016-5990

Revision

BSR/ASME A17.7/CSA B44.7-201x, Performance-based safety code for elevators and esclators (revision of ANSI/ASME A17.7/CSA B44.7-2006 (R2012))

Stakeholders: Elevator equipment manufacturers, equipment owners, and regulatory authorities.

Project Need: To update the existing Standard which provides a structured method for establishing the safety of designs and products that are not yet covered by the A17.1 and B44 Elevator Codes. The availability of a uniform process for new technology will allow the early introduction of innovative products and allow the prescriptive codes then to "catch up" as the novel products become more standard products

This performance-based safety code covers design, construction, operation, inspection, testing, maintenance, alteration, and repair of elevators, escalators, and related conveyances. A17. 7 is specifically intended for new elevator technology and practices and provides a structured method for establishing the safety of designs and products.

BSR/ASME B36.19M-201x, Stainless Steel Pipe (revision of ANSI/ASME B36.19M-2018)

Stakeholders: Users, manufacturers, designers, consultants, and government agencies concerning pipe and pipelines.

Project Need: Revise current standard to revise various wall thicknesses, the wall thickness selection requirements, and make various additions and revisions to Table 2-1.

This Standard covers the standardization of dimensions of welded and seamless wrought stainless steel pipe for high or low temperatures and pressures.

Supplement

BSR/ASME V&V 20.1-201x, Interpretation and Scope - Supplement 1 of ASME V&V 20 - Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer (supplement to)

Stakeholders: Users, manufacturers, designers, laboratories, academia, consultants, and government.

Project Need: There currently are no consensus standards covering this topic.

This document contains a summary of the Validation procedure presented in the V&V 20 Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer.

ASTM (ASTM International)

Contact: Laura Klineburger, (610) 832-9696, accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959

New Standard

BSR/ASTM WK68378-201x, New Guide for Standard Guide to the GUM (new standard)

Stakeholders: Metrology Industry.

Project Need: This standard will provide targeted information to streamline the gum method addressing the essential steps and fundamental principles. Users from the measurement and testing community can use the standard to guide them through the eight simple steps to understanding the uncertainties of their measurements.

To develop a ASTM/NCSLI standard guide measurement uncertainty aligned to the GUM and its supplements. The intention for this document is to outline value, why estimate measurement uncertainty; explain the basics, simplified background statistics and the method, and estimating measurement uncertainty in eight simple steps: (1) Identify the contributors to measurement uncertainty, (2) Decide on consistent uncertainty units, (3) Estimate magnitude of each uncertainty contributor and express each as a standard uncertainty, (4) Document the basis for your estimates, (5) Combine the standard uncertainties, (6) Expand combined standard uncertainty to represent desired confidence, (7) Reality check, and (8) Report the result.

BSR/ASTM WK68380-201x, New Guide for Standard Guide to Metrological Traceability and Its Applicability (new standard)

Stakeholders: Metrology Industry.

Project Need: This standard will provide guidance on how to determine the impact of measurements on the validity of test results and so when metrological traceability is needed.

To develop a ASTM/NCSLI standard guide on determining the need metrological traceability and then establishing metrological traceability. Where measurement impacts the validity of test results, metrological traceability provides assurance that the measurements are reliable.

BSR/ASTM WK68388-201x, New Test Method for In-Situ Testing of the Functional Properties of Equine Arena Surfaces: Artificial Surfaces (new standard)

Stakeholders: Equestrian Surfaces industry.

Project Need: This proposed new standard will assist in the overall testing of equestrian arena surface areas.

This test method covers the specification for the measurement of the functional properties of equine arena surfaces; cushioning, impact, firmness, responsiveness, and uniformity.

BSR/ASTM WK68389-201x, New Test Method for Wax Binder Removal from Equestrian Synthetic Track Surfaces (new standard)

Stakeholders: Equestrian Surfaces industry.

Project Need: Provides users a method to properly remove wax coatings from track surfaces.

Equine surfaces containing wax-oil based coatings/ binders must be treated and cleaned prior to the subsequent material tests described for sand and fiber surfaces.

BSR/ASTM WK68390-201x, New Test Method for Water Holding Capacity (new standard)

Stakeholders: Equestrian Surfaces industry.

Project Need: Water-holding capacity is influenced by composition and is partially controlled by surface texture and organic matter content. Ideally, a surface will provide a balance between cohesion of sand particles and fibers and capillary porosity that results in good hydraulic conductivity. Such surfaces are therefore well drained and do not demonstrate water collection on the top of the surface.

Water-holding capacity tests allow water to vertically drain out of a saturated surface sample and are used to determine the amount of water that is retained by the surface.

BSR/ASTM WK68411-201x, New Practice for Practice for Minimizing Heavy Metal Accumulation in Metalworking Fluids (new standard)

Stakeholders: Health and Safety Standards for Metal Working Fluids industry.

Project Need: Long-life recirculating MWFs experience cycles of concentration that cause dissolved heavy metals and other non-volatile, soluble compound to accumulate to potentially toxic levels. This proposed new Practice will review the mechanisms that contribute to this accumulation and recommend means for controlling it.

This practice will describe the health risks associated with heavy metal accumulation in recirculating metalworking fluids (MWFs). It will address the health risks and waste discharge issues caused by such heavy metal accumulation. The practice will recommend strategies for minimizing heavy metal accumulation in MWFs.

ECIA (Electronic Components Industry Association)

Contact: Laura Donohoe, (571) 323-0294, ldonohoe@ecianow.org
13873 Park Center Road, Suite 315, Herndon, VA 20171

New National Adoption

BSR/EIA 60384-15-201x, Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (identical national adoption of IEC 60384-15:2017 Edition 2.0)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: International harmonization.

This part of IEC 60384 applies to through-hole/leaded polar and bipolar tantalum electrolyte capacitors with solid and non-solid electrolyte for use in electronic equipment. It includes capacitors for long-life applications and capacitors for general purpose applications. Capacitors for special purpose application may need additional requirements.

BSR/EIA 60384-21-201x, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2019 Edition 3.0)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: International harmonization.

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 1, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards or directly onto substrates for hybrid circuits.

BSR/EIA 60384-22-201x, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22:2019 Edition 3.0)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: International harmonization.

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits.

BSR/EIA 62391-1-201x, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2015 Edition 2.0)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: International harmonization.

This part of IEC 62391 applies to fixed electric double-layer capacitors (referred to as capacitor(s) in this standard) mainly used in d.c. circuits of electric and electronic equipment.

BSR/IEC 60384-26-201x, Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-26:2018 Edition 2.0)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: International harmonization.

This part of IEC 60384 applies to fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte primarily intended for d.c. applications for use in electronic equipment.

New Standard

BSR/EIA 703-B-201x, General Resistor Stress Test Qualification Specification (new standard)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This specification defines the qualification program for resistors.

Revision

BSR/EIA 576-C-201x, Resistors, Rectangular, Surface Mount Precision (revision and redesignation of ANSI/EIA 576-B-2014)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard covers thin film precision rectangular leadless discrete fixed resistors with temperature coefficients of 50 PPM/C and tighter and resistance tolerances of 1%, 0.5%, 0.25%, 0.1%, and 0.05% for use in surface mounting applications using soldering techniques.

HPVA (Hardwood Plywood & Veneer Association)

Contact: Joshua Hosen, (703) 435-2900, jhosen@hpva.org
42777 Trade West Drive, Sterling, VA 20166

Revision

BSR/HPVA HP-1-201x, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2016)

Stakeholders: Manufacturers, users, distributors, and retailers of hardwood plywood.

Project Need: Revise specific sections of the ANS to conform to the federal EPA TSCA Title VI formaldehyde emissions standard, and to the applicable ANSI trademark requirements.

This voluntary American National Standard for Hardwood and Decorative Plywood establishes nationally recognized marketing classifications, quality criteria, test methods, definitions, and product marking and designation practices for plywood produced primarily from hardwoods. It is intended for voluntary use for reference in trade literature, catalogs, sales contracts, building codes, government regulations and standards of performance, and procurement specifications to describe the quality aspects of the product and the means to determine conformance.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 231-201x, General Test Procedures for Evaluation of Energy Efficiency Metrics and in Support of Functional Density Metrics (revision of ANSI/SCTE 231-2016)

Stakeholders: Cable Telecommunications industry.

Project Need: Update current technology.

Cable operator networks are large expansive networks that involve hundreds if not thousands of miles of coaxial or fiber cable powered by power supplies in the outside plant and connecting customers to critical infrastructure facilities such as hubs, headends, data centers, regional, and national distribution data centers.

BSR/SCTE 232-201x, Key Performance Metrics: Energy Efficiency & Functional Density of CMTS, CCAP, and Time Server Equipment (revision of ANSI/SCTE 232-2016)

Stakeholders: Cable Telecommunications industry.

Project Need: Update current technology.

Cable operator networks are large expansive networks that involve hundreds if not thousands of miles of coaxial or fiber cable powered by power supplies in the outside plant and connecting customers to critical infrastructure facilities such as hubs, headends, data centers, regional, and national distribution data centers. In these facilities is a vast array of equipment responsible for the production and support of the cable operator's products and services such as voice, video, data, home automation and security, and Wi-Fi.

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-AGRSS (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, Inc.)**

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
Phone: (763) 208-6904
Web: www.aami.org

API
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8157
Web: www.api.org

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

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9696
Web: www.astm.org

AWS
American Welding Society
8669 Doral Blvd
Suite 130
Doral, FL 33166
Phone: (800) 443-9353
Web: www.aws.org

ECIA
Electronic Components Industry Association
13873 Park Center Road
Suite 315
Herndon, VA 20171
Phone: (571) 323-0294
Web: www.ecianow.org

HPVA
Hardwood Plywood & Veneer Association
42777 Trade West Drive
Sterling, VA 20166
Phone: (703) 435-2900
Web: www.hpvalabs.com

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

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888
Web: www.incits.org

LIA (ASC Z136)
Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Web: www.laserinstitute.org

NAAMM
National Association of Architectural Metal Manufacturers
123 College Place
#1101
Norfolk, VA 23510
Phone: (757) 489-0787
Web: www.naamm.org

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

OPEI
Outdoor Power Equipment Institute
1605 King Street
3rd Floor
Alexandria, VA 22314
Phone: (703) 549-7600
Web: www.opei.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America
1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903
Phone: (703) 524-6686
Web: www.resna.org

RESNET
Residential Energy Services Network, Inc.
4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Web: www.resnet.us.com

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

UL
Underwriters Laboratories, Inc.
47173 Benicia Street
Fremont, CA 94538
Phone: (510) 319-4259
Web: www.ul.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

ACOUSTICS (TC 43)

ISO 11202/DAmd1, Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections - Amendment 1 - 6/15/2019, $40.00

ISO/DIS 2922, Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours - 8/16/2019, $58.00

ISO/DIS 5135, Acoustics - Determination of sound power levels of noise from air-terminal devices, air-terminal units, dampers and valves by measurement in a reverberation test room - 6/17/2019, $67.00

ISO/DIS 12999-2, Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 2: Sound absorption - 8/4/2019, $53.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 660, Animal and vegetable fats and oils - Determination of acid value and acidity - 6/22/2019, $53.00

ISO/DIS 23349, Animal and vegetable fats and oils - Determination of sterols and stanols in foods and dietary supplements containing added phytosterols - 8/16/2019, $88.00

AIR QUALITY (TC 146)

ISO/DIS 4225, Air quality - General aspects - Vocabulary - 6/15/2019, $82.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 81060-2/DAmd1, Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type - Amendment 1 - 6/13/2019, $29.00

IEC 60601-1-8/DAmd2, Medical electrical equipment -- Part 1-8: General requirements for basic safety and essential performance -- Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems - Amendment 2, $119.00

IEC 60601-1-10/DAmd2, Medical electrical equipment -- Part 1-10: General requirements for basic safety and essential performance -- Collateral standard: Requirements for the development of physiologic closed-loop controllers - Amendment 2, $58.00

IEC 60601-1-11/DAmd1, Medical electrical equipment -- Part 1-11: General requirements for basic safety and essential performance -- Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment - Amendment 1, $53.00

IEC 60601-1-12/DAmd1, Medical Electrical Equipment -- Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the emergency medical services environment - Amendment 1, $40.00

ISO/DIS 21917, Anaesthetic and respiratory equipment - Voice prostheses - 6/23/2019, $58.00

ISO/DIS 23368, Anaesthetic and respiratory equipment - Low flow nasal cannulae for oxygen therapy - 6/16/2019, $53.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 7870-9, Control charts - Part 9: Control charts for autocorrelated processes - 8/2/2019, $77.00

ISO/DIS 22514-3, Statistical methods in process management - Capability and performance - Part 3: Machine performance studies for measured data on discrete parts - 8/10/2019, $77.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 21678, Sustainability in buildings and civil engineering works - Indicators and benchmarks - Principles for the development and use of benchmarks - 6/13/2019, $62.00

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

ISO/DIS 22904, Additions for concrete - 6/17/2019, $88.00

ISO/DIS 20290-1, Aggregates for concrete - Test methods for mechanical and physical properties - Part 1: Determination of bulk density, particle density, particle mass-per-volume and water absorption - 8/10/2019, $53.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 7539-10, Corrosion of metals and alloys - Stress corrosion testing - Part 10: Reverse U-bend method - 8/15/2019, $53.00

DENTISTRY (TC 106)

ISO/DIS 17730, Dentistry - Fluoride varnishes - 6/15/2019, $58.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 25178-72/DAmd1, Geometrical product specifications (GPS) - Surface texture: Areal - Part 72: XML file format x3p - Amendment 1 - 8/2/2019, $46.00

ISO/DIS 22081, Geometrical product specifications (GPS) - Geometrical tolerancing - General geometrical and dimensional specifications - 6/20/2019, $67.00

ISO/DIS 13385-2, Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 2: Calliper depth gauges; Design and metrological characteristics - 6/23/2019, $58.00

ISO/DIS 10360-10, Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring systems (CMS) - Part 10: Laser trackers for measuring point-to-point distances - 6/24/2019, $112.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14053, Environmental management - Material flow cost accounting - Guidance for practical implementation in SMEs - 8/9/2019, $62.00

ERGONOMICS (TC 159)

ISO/DIS 9241-110, Ergonomics of human-system interaction - Part 110: Interaction principles - 8/16/2019, $98.00

ISO/DIS 9241-394, Ergonomics of human-system interaction - Part 394: Ergonomic requirements for reducing undesirable biomedical effects of visually induced motion sickness during watching electronic images - 6/21/2019, $88.00

FIRE SAFETY (TC 92)

ISO/DIS 1182, Reaction to fire tests for products - Non-combustibility test - 6/22/2019, $98.00

FLOOR COVERINGS (TC 219)

ISO/DIS 18167, Textile floor coverings - Installation practices - General - 8/9/2019, $112.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 23309, Hydraulic fluid power systems - Assembled systems - Methods of cleaning lines by flushing - 11/8/2008, $71.00

FURNITURE (TC 136)

ISO/DIS 24496, Office furniture - Office chairs - Methods for the determination of dimensions - 8/15/2019, $134.00

GAS CYLINDERS (TC 58)

ISO/DIS 23088, Gas cylinders - Periodic inspection and testing of welded steel pressure drums - Capacities up to 1 000 l - 8/4/2019, $71.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 21393, Health informatics - Omics Markup Language (OML) - 8/9/2019, $155.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 22549-1, Automation systems and integration - Assessment on convergence of informatization and industrialization for industrial enterprises - Part 1: Framework and reference model - 6/22/2019, $67.00

ISO/DIS 10303-113, Industrial automation systems and integration - Product data representation and exchange - Part 113: Integrated application resource: Mechanical design - 6/15/2019, $29.00

INDUSTRIAL TRUCKS (TC 110)

ISO/DIS 23676, Rough-terrain trucks - Operator training - Content and methods - 8/15/2019, $53.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 12004-1, Metallic materials - Sheet and strip - Determination of forming-limit curves - Part 1: Measurement and application of forming-limit diagrams in the press shop - 6/22/2019, $46.00

ISO/DIS 12004-2, Metallic materials - Sheet and strip - Determination of forming-limit curves - Part 2: Determination of forming-limit curves in the laboratory - 6/22/2019, $93.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 16079-2, Condition monitoring and diagnostics of wind turbines - Part 2: Monitoring the drive train - 6/13/2019, $112.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO/DIS 7524, Ferronickel - Determination of carbon content - Infra-red absorption method after combustion in an induction furnace (Routine method) - 8/15/2019, $58.00

ISO/DIS 7526, Ferronickels - Determination of sulfur content - Infra-red absorption method after combustion in an induction furnace [Routine method] - 8/15/2019, $58.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 18310-2, Measurement and prediction of the ambient dose equivalent from patients receiving iodine 131 administration after thyroid ablation - Part 2: After release from the hospital - 6/13/2019, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11979-5, Ophthalmic implants - Intraocular lenses - Part 5: Biocompatibility - 6/24/2019, $93.00

OTHER

ISO/DIS 25239-1, Friction stir welding - Aluminium - Part 1: Vocabulary - 6/15/2019, $67.00

ISO/DIS 25239-2, Friction stir welding - Aluminium - Part 2: Design of weld joints - 6/15/2019, $40.00

ISO/DIS 25239-3, Friction stir welding - Aluminium - Part 3: Qualification of welding operators - 6/15/2019, $58.00

ISO/DIS 25239-4, Friction stir welding - Aluminium - Part 4: Specification and qualification of welding procedures - 6/15/2019, $82.00

ISO/DIS 25239-5, Friction stir welding - Aluminium - Part 5: Quality and inspection requirements - 6/15/2019, $58.00

PLASTICS (TC 61)

ISO/DIS 20819, Plastics - Wood-plastic recycled composites (WPRC) - Specification - 6/23/2019, $53.00

ISO/DIS 22841, Composites and reinforcements fibres - Carbon fibre reinforced plastics (CFRPs) and metal assemblies - Determination of the tensile lap-shear strength - 6/15/2019, $46.00

ISO/DIS 19935-2, Plastics - Temperature modulated DSC - Part 2: Measurement of accurate specific heat Cp - 6/13/2019, $58.00

POWDER METALLURGY (TC 119)

ISO/DIS 4497, Metallic powders - Determination of particle size by dry sieving - 6/21/2019, $40.00

ISO/DIS 13517, Metallic powders - Determination of flowrate by means of a calibrated funnel (Gustavsson flowmeter) - 6/24/2019, $40.00

ROAD VEHICLES (TC 22)

ISO/DIS 21780, Road vehicles - Supply voltage of 48 V - Electrical requirements and tests - 6/20/2019, $125.00

ISO/DIS 8092-5, Road vehicles - Connections for on-board electrical wiring harnesses - Part 5: Test methods and general performance requirements for wiring harness connector operation - 8/8/2019, $53.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 36, Rubber, vulcanized or thermoplastic - Determination of adhesion to textile fabrics - 8/15/2019, $53.00

ISO/DIS 289-2, Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 2: Determination of pre-vulcanization characteristics - 8/15/2019, $53.00

ISO/DIS 21490, Rubber and rubber products - Determination of 2-Mercaptobenzothiazole content by high performance liquid chromatography (HPLC) - 8/8/2019, $40.00

ISO/DIS 23075, Vulcanized rubbers - Determination of antidegradants by high-performance liquid chromatography - 8/8/2019, $62.00

ISO/DIS 4664-3, Rubber, vulcanized or thermoplastic - Determination of dynamic properties - Part 3: Glass transition temperature (Tg) - 8/11/2019, $53.00

ISO/DIS 11193-1, Single-use medical examination gloves - Part 1: Specification for gloves made from rubber latex or rubber solution - 8/3/2019, $53.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 13742, Ships and marine technology - Ships mooring and towing fittings - Universal fairleads without upper roller - 8/3/2019, $77.00

ISO/DIS 21195, Ships and marine technology - Systems for the detection of persons while going overboard from ships (Man overboard detection) - 6/17/2019, $71.00

ISO/DIS 21963, Ships and marine technology - Marine environment protection - Tank and piping systems for facilitating 5 ppm oil water separation - 8/3/2019, $77.00

ISO/DIS 22252, Manned submersibles - Breathing air supply and carbon dioxide adsorption - Design requirements - 8/9/2019, $46.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 13319-1, Determination of particle size distribution - Electrical sensing zone method - Part 1: Aperture/orifice tube method - 8/3/2019, $102.00

SIZING SYSTEMS AND DESIGNATIONS FOR CLOTHES (TC 133)

ISO/DIS 20947-2, Performance evaluation protocol for digital fitting systems - Part 2: Virtual garment - 6/21/2019, $102.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 17664-2, Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices - Part 2: Non-critical medical devices - 6/23/2019, $88.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37163, Smart community infrastructures - Guidance on smart transportation for parking lot allocation in cities - 6/23/2019, $58.00

TEXTILES (TC 38)

ISO/DIS 105-B06, Textiles - Tests for colour fastness - Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test - 8/15/2019, $71.00

THERMAL INSULATION (TC 163)

ISO/DIS 9229, Thermal insulation - Definitions of terms - 12/6/2012, $82.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 22980, Tobacco - Determination of the Content of Total alkaloids as Nicotine - Continuous-Flow Analysis Method using KSCN/DCIC - 8/4/2019, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 4254-1/DAmd1, Agricultural machinery - Safety - Part 1: General requirements - Amendment 1 - 6/22/2019, $40.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 22283, Traditional Chinese medicine - Determination of Aflatoxins in natural products by LC-FLD - 8/16/2019, $62.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 17572-4, Intelligent transport systems (ITS) - Location referencing for geographic databases - Part 4: Precise relative location references (precise relative profile) - 8/11/2019, $93.00

WATER QUALITY (TC 147)

ISO/DIS 21793, Water quality - Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb), dissolved bound nitrogen (DNb), total bound phosphorus (TPb) and dissolved bound phosphorus (DPb) after wet chemical catalysed ozone hydroxyl radical oxidation - 6/24/2019, $82.00

WOOD-BASED PANELS (TC 89)

ISO/DIS 12460-3, Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method - 6/13/2019, $62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19772/DAmd1, Information technology - Security techniques - Authenticated encryption - Amendment 1 - 8/8/2019, $40.00

ISO/IEC 23008-2/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 1: Range extensions - 11/12/2015, $62.00

ISO/IEC 23009-5/DAmd1, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 5: Server and network assisted DASH (SAND) - Amendment 1: Improvements on SAND messages - 8/2/2019, $33.00

ISO/IEC DIS 21972, Information technology - An upper level ontology for smart city indicators - 6/16/2019, $98.00

ISO/IEC DIS 19989-1, Information technology - Security techniques - Criteria and methodology for security evaluation of biometric systems - Part 1: Framework - 8/3/2019, $155.00

ISO/IEC DIS 21838-1, Information technology - Top-level ontologies (TLO) - Part 1: Requirements - 8/9/2019, $82.00

ISO/IEC DIS 21838-2, Information technology - Top-level ontologies (TLO) - Part 2: Basic Formal Ontology (BFO) - 8/9/2019, $107.00

ISO/IEC DIS 23093-1, Information technology - Internet of media things - Part 1: Architecture - 8/4/2019, $82.00

ISO/IEC DIS 15938-16, Information technology - Multimedia content description interface - Part 16: Conformance and reference software for compact descriptors for video analysis - 8/11/2019, $71.00

IEC Standards

3/1404/FDIS, IEC 61293 ED2: Marking of electrical equipment with ratings related to electrical supply - Safety requirements, 2019/7/12

14/1011/NP, PNW 14-1011: Power Transformers - Part 22-8: Power transformer and reactor fittings - Devices suitable for use in communication networks, 2019/8/23

18A/420/CDV, IEC 60092-350 ED5: Electrical installations in ships - Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications, 2019/8/23

18A/419/CDV, IEC 60092-354 ED4: Electrical installations in ships - Part 354: Single- and three-core power cables with extruded solid insulation for rated voltages 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV), 2019/8/23

20/1869/CDV, IEC 62893-4-1 ED1: Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 4-1: Cables for DC charging according to mode 4 of IEC 61851-1, 2019/8/23

20/1868/CDV, IEC 60840 ED5: Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) - Test methods and requirements, 2019/8/23

21A/701/CD, IEC 63218 ED1: Secondary cells and batteries containing alkaline and other non-acid electrolyte - Secondary Lithium ion, Nickel Cadmium, and Nickel Metal Hydride cells and batteries for portable applications - Guidance on environmental aspects, 2019/7/26

23/854/CD, IEC TS 63236 ED1: Direct current (DC) appliance couplers for information and communication technology (ICT) equipment installed in data centers and telecom central offices - Part 1: 2.6 kW system, 2019/8/23

23/855/CD, IEC TS 63236-2 ED1: Direct Current (DC) Appliance Couplers for Information and Communication Technology (ICT) Equipment Installed in Data Centers and Telecom Central Offices - Part 2: 5,2 kW System, 2019/8/23

34A/2138/CD, IEC 63220/FRAG2 ED1: LED Light sources - Safety requirements, 2019/8/23

47E/655/CDV, IEC 60747-5-5 ED2: Semiconductor devices - Part 5-5: Optoelectronic devices - Photocouplers, 2019/8/23

48B/2740/CD, Connectors for electrical and electronic equipment - Product Requirements - Part 2-012: Circular connectors - Detail specification for connectors with inner push-pull locking based on M12 connector interfaces according to IEC 61076-2-101, IEC 61076 -2-109, IEC 61076-2-111 and IEC 61076-2-113, 2019/8/23

48D/705/CD, IEC TS 62966-3 ED1: Mechanical Structures for Electronic Equipment - Aisle Containment for IT Cabinets Part 3: Aspects of operational and personal safety, 2019/8/23

55/1771/CDV, IEC 60317-61 ED2: Specifications for particular types of winding wires - Part 61: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180, 2019/8/23

82/1595/DTS, IEC TS 63157 ED1: Guidelines for effective quality assurance of power conversion equipment for photovoltaic systems, 2019/8/23

86C/1587/CDV, IEC 61757-1-1 ED2: Fibre optic sensors - Part 1-1: Strain measurement - Strain sensors based on fibre Bragg gratings, 2019/8/23

88/725/CD, IEC 61400-50-3 ED1: Wind energy generation systems - Part 50-3: Use of nacelle mounted lidars for wind measurements, 2019/8/23

100/3259/FDIS, IEC 63006 ED1: Wireless Power Transfer (WPT) - Glossary of terms, 2019/7/12

110/1103/FDIS, IEC 61747-30-3 ED1: Liquid crystal display devices - Part 30-3: Measuring methods for liquid crystal display modules - Motion artefact measurement of active matrix liquid crystal display modules, 2019/7/12

110/1105/FDIS, IEC 63145-20-10 ED1: Eyewear display - Part 20-10: Fundamental measurement methods - Optical properties, 2019/7/12

119/273/NP, PNW 119-273 ED1: Future IEC 62899-202-9 ED1: Materials - Guidelines for printed patterns for mechanical test, 2019/8/23

119/267/CDV, IEC 62899-202-7 ED1: Printed electronics - Part 202-7: Printed films - Measurement of peel strength for printed layer on flexible substrate by 90° peel method, 2019/8/23

120/153/NP, PNW 120-153: International Electrotechnical Vocabulary (IEV),

124/62/CD, IEC 63203-201-3 ED1: Wearable electronic devices and technologies - Part 201-3: Electronic Textile - Determination of electrical resistance of conductive textiles under simulated microclimate, 2019/8/23

JTC1-SC25/2886/CD, ISO/IEC 14763-4 ED2: Information technology - Implementation and operation of customer premises cabling - Part 4: Measurement of end-to-end (E2E) links, 2019/8/23

Newly Published ISO & IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 17678:2019, Milk and milk products - Determination of milk fat purity by gas chromatographic analysis of triglycerides, $138.00

AIR QUALITY (TC 146)

ISO 22065:2019, Workplace air - Gases and vapours - Requirements for evaluation of measuring procedures using pumped samplers, $185.00

ISO 16000-39:2019, Indoor air - Part 39: Determination of amines - Analysis of amines by (ultra-) high-performance liquid chromatography coupled to high resolution or tandem mass spectrometry, $68.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 14621-1:2019, Space systems - Electrical, electronic and electromechanical (EEE) parts - Part 1: Parts management, $185.00

DENTISTRY (TC 106)

ISO 16202-1:2019, Dentistry - Nomenclature of oral anomalies - Part 1: Code for the representation of oral anomalies, $45.00

ISO 16202-2:2019, Dentistry - Nomenclature of oral anomalies - Part 2: Developmental anomalies of teeth, $45.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 6182-8:2019, Fire protection - Automatic sprinkler systems - Part 8: Requirements and test methods for pre-action dry alarm valves, $138.00

ISO 6182-11:2019, Fire protection - Automatic sprinkler systems - Part 11: Requirements and test methods for pipe hangers, $103.00

ERGONOMICS (TC 159)

ISO 25065:2019, Systems and software engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for Usability: User requirements specification, $138.00

GEOSYNTHETICS (TC 221)

ISO 11058:2019, Geotextiles and geotextile-related products - Determination of water permeability characteristics normal to the plane, without load, $103.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 10303-235:2019, Industrial automation systems and integration - Product data representation and exchange - Part 235: Application protocol: Engineering properties and materials information, $232.00

PAINTS AND VARNISHES (TC 35)

ISO 9514:2019, Paints and varnishes - Determination of the pot life of multicomponent coating systems - Preparation and conditioning of samples and guidelines for testing, $45.00

ISO 11124-5:2019, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 5: Cut steel wire, $68.00

PAPER, BOARD AND PULPS (TC 6)

ISO 12625-11:2019, Tissue paper and tissue products - Part 11: Determination of wet ball burst strength, $68.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 6521-1:2019, Lubricants, industrial oils and related products (Class L) - Family D (compressors) - Part 1: Specifications of categories DAA and DAB (lubricants for reciprocating and drip feed rotary air compressors), $45.00

PLASTICS (TC 61)

ISO 11003-2:2019, Adhesives - Determination of shear behaviour of structural adhesives - Part 2: Tensile test method using thick adherends, $103.00

ISO 6721-11:2019, Plastics - Determination of dynamic mechanical properties - Part 11: Glass transition temperature, $103.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 21291:2019, Traditional Chinese medicine - Therapeutic fumigation devices, $68.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 13926-3:2019, Pen systems - Part 3: Seals for pen-injectors for medical use, $68.00

TYRES, RIMS AND VALVES (TC 31)

ISO 10499-1:2019, Industrial tyres and rims - Rubber solid tyres (metric series) for pneumatic tyre rims - Part 1: Designation, dimensions and marking, $45.00

WATER RE-USE (TC 282)

ISO 22519:2019, Purified water and water for injection pretreatment and production systems, $162.00

ISO Technical Reports

GAS CYLINDERS (TC 58)

ISO/TR 11364:2019, Gas cylinders - Compilation of national and international valve stem/gas cylinder neck threads and their identification and marking system, $162.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/TR 16161:2019, Automation systems and integration - Use case of capability profiles for cooperation between manufacturing software units, $209.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 19091:2019, Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections, $232.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 30190/Amd1:2019, Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Recordable disk - Amendment 1, $19.00

ISO/IEC 30191/Amd1:2019, Information technology - Digitally recorded media for information interchange and storage - 120 mm Triple Layer (100,0 Gbytes single sided disk and 200,0 Gbytes double sided disk) and Quadruple Layer (128,0 Gbytes single sided disk) BD Recordable disk- Amendment 1, $19.00

ISO/IEC 30192/Amd1:2019, Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Rewritable disk - Amendment 1, $19.00

ISO/IEC 18040:2019, Information technology - Computer graphics, image processing and environmental data representation - Live actor and entity representation in mixed and augmented reality (MAR), $185.00

ISO/IEC 13818-1:2019, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems, $232.00

ISO/IEC 24760-1:2019, IT Security and Privacy - A framework for identity management - Part 1: Terminology and concepts, $138.00

ISO/IEC 30137-1:2019, Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification, $185.00

IEC Standards

DEPENDABILITY (TC 56)

IEC 62402 Ed. 2.0 b:2019, Obsolescence management, $281.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-26-1 Ed. 1.0 b:2019, Wind energy generation systems - Part 26-1: Availability for wind energy generation systems, $375.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

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

PUBLIC REVIEW

BDAP

Public Review: March 29, 2019 to June 29, 2019

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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.

Maintenance Transfer of Proposed American National Standards

The American Nuclear Society (ANS) has formally transferred maintenance of two standards projects to the American Society of Mechanical Engineers (ASME). The PINS submittals initially announced in Standards Action will be redesignated by (ASME) as follows:

Standards Action - Project Initiation Notification: 8/25/2006

BSR/ASME/ANS RA-S-1.2-201x (formerly ANS 58.24), Severe Accident Progression and Radiological Release (level 2) PRA Methodology to Support Nuclear Installation Applications (new standard)

Standards Action - Project Initiation Notification: 4/28/2006

BSR/ASME/ANS RA-S-1.3-201x (formerly BSR/ANS 58.25), Standard for Radiological Accident Offsite Consequence Analysis (Level 3 PRA) to Support Nuclear Installation Applications (new standard)

Please direct inquiries to Oliver Martinez, martinezo@asme.org or Patricia Schroeder, pschroeder@ans.org.

ANSI Accredited Standards Developers

Reaccreditation

Green Building Initiative (GBI)

Comment Deadline: July 8, 2019

The Green Building Initiative (GBI), an ANSI member and Accredited Standards Developer (ASD), has submitted revisions to its currently accredited operating procedures for documenting consensus on GBI-sponsored American National Standards, under which it was last reaccredited in 2016. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Vicki Worden, President & CEO, Green Building Initiative, 7805. S.W. 40th #80010, Portland, OR 97219; phone: 202.841.2999; e-mail: Vicki@thegbi.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to GBI by July 8, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 298 – Rare Earth

ANSI has been informed that CSA Group, the ANSI-accredited U.S. TAG Administrator for ISO/TC 298 wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 298 operates under the following scope:

> Standardization in the field of rare earth mining, concentration, extraction, separation and conversion to useful rare earth compounds/materials (including oxides, salts, metals, master alloys, etc.) which are key inputs to manufacturing and further production process in a safe and environmentally sustainable manner.

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

ISO New Work Item Proposal

Design and Safety Requirements for Sex Toys

Comment Deadline: June 28, 2019

SIS, the ISO member body for Sweden, has submitted to ISO a new work item proposal for the development of an ISO standard on design and safety requirements for sex toys, with the following scope statement:

> This document specifies safety and user information requirements relating to the materials and design for products intended for sexual use.
>
> This document covers only products that are intended to come in direct contact with genitals and/or the anus.
>
> This document is not primarily intended for products classified as medical devices or assistive products.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

ISO Proposal for a New Field of ISO Technical Activity

Audit Data Services

Comment Deadline: June 28, 2019

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on audit data services, with the following scope statement:

> Standardization in the field of audit data services covers the content specification as well as the collection, pre-processing, management and analysis techniques for the identification, communication, receipt, preparation and use of audit data.
>
> **Note:**
>
> 1. Audit: an official examination of an entity's financial and financial related records in order to check that they are correct. (Source: Longman Dictionary of Contemporary English 4th Edition, modified company has been replaced by entity to cover government auditees and financial related records has been added.)
>
> 2. The audit data includes data of different areas including public sector budget, financial report, nonfinancial enterprises, tax and social insurance, for the purpose of government audit, external independent audit, internal audit and other regulators.
>
> **Excluded:**
>
> 1. Information system security audit covered by ISO/IEC/JTC 1.
>
> 2. Security evaluation criteria and methodology, techniques and guidelines to address both security and privacy aspects covered by ISO/IEC/JTC 1/SC 27.
>
> 3. Meta-data standards, E-business standards, database language standards covered by ISO/IEC/JTC 1/SC 32.
>
> 4. Meta-standards of electronic data interchange covered by ISO/TC 154.
>
> 5. Quality management and quality assurance covered by ISO/TC 176.

Please note that this proposal is to convert ISO Project Committee 295 on audit data services into a technical committee with an extended work program.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

Laboratory design

Comment Deadline: June 28, 2019

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Laboratory design, with the following scope statement:

Standardization in the field of laboratory design including site selection and design planning, the functional division of experimental areas, the determination of scientific and technological processes, layouts and design of furniture, and the scientific design of the facility taking into account environmental conditions and impact.

Excluded:

- IEC/TC 64 (Electrical installations and protection against electric shock);

- IEC/TC 81 (Lightning protection);

- IEC/TC 66 (Safety of measuring, control and laboratory equipment);

- IEC/TC 85 (Measuring equipment for electrical and electromagnetic quantities).

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

Sustainable processes for wood

Comment Deadline: June 28, 2019

ABNT, the ISO member body for Brazil, has submitted to ISO a proposal for a new field of ISO technical activity on Sustainable processes for wood, with the following scope statement:

Standardization in the field of the wood and wood-based industries, including but not limited to sustainability and renewability aspects, chain of custody, timber tracking and timber measurement, across the entire supply chain from biomass production to the finished wood and wood-based products.

Excluded: those applications covered by ISO/TC 6 "Paper, board and pulps"; ISO/TC 89 "Wood-based panels"; ISO/TC 165 "Timber structures"; ISO/TC 218 "Timber"; and ISO/TC 207 "Environmental management".

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S. TAG to ISO TC 304, Healthcare Organization Management

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 304, Healthcare organization management and the appointment of InGenesis, Inc. as TAG Administrator, effective May 30, 2019. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Mr. Lee Webster, InGenesis, Inc., 10231 Kotzebue Street, San Antonio, TX 78217; phone: 703.867.0721; e-mail: lsyd@earthlink.net.

Approval of Reaccreditation

U.S. TAG to ISO TC 199, Safety of Machinery

ANSI's Executive Standards Council has approved the reaccreditation of the U.S. Technical Advisory Group to ISO TC 199, Safety of machinery under its recently revised operating procedures (including the addition of a new addendum to Annex A, the Model Procedures for US TAGs to ANSI for ISO Activities of the ANSI International Procedures - the TAG's current operating procedures), effective June 5, 2019. For additional information, please contact the TAG Administrator of the U.S. TAG to ISO TC 199: Mr. David Felinski, TAG Administrator to ISO/TC 199; TC 39/SC 10 and TC 270, B11 Standards, Inc., P.O. Box 690905; phone: 832.446.6999; e-mail: dfelinski@b11standards.org.

Meeting Notices

Meeting for Accredited Standards Committee (ASC) B109 Standards B109.1, B109.2, B109.3, and B109.4

Meeting Date: Monday, September 23, 2019- 8:00 AM – 4:00 PM CST

Meeting Location: Peppermill Reno, 2707 S. Virginia St., Reno, Nevada 89502--(Teleconference information available upon request)

Purpose: This is the annual ANSI B109 meeting. Updates will be given for each of the B109 standards.

Please register on line at www.aga.org. For more information contact Jeff Meyers, jmeyers@aga.org.

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/

INCITS Technical Committee on Governance of IT Seeks Subject Matter Experts

INCITS/GIT1, Governance of IT, is looking to broaden its membership of subject matter experts, senior practitioners and those that are generally concerned about governance and business process outsourcing (BPO). JTC 1/SC 40 is the international subcommittee on IT Service Management and IT Governance, and INCITS/GIT1 is the voice of the US community in that standards committee. JTC 1/SC 40 also maintains a portfolio of standards supporting the relationship of ISO standards to other management models, such as ITIL®, CMMI®, and COBIT®.

For CIOs, collaborating with INCITS/GIT1 and ISO provides reflections and insights into real-world standards business drivers which may affect their organizations.

For senior service managers and experts, participating in INCITS/GIT1 is a unique opportunity to work with deeply experienced peers and to expand a national and international network.

Members of this group have a unique opportunity to make their voices heard on governance and service management standards and to collaborate with experienced peers, while serving the broad community of service organizations.

Membership also provides the opportunity for leadership roles; the US contributed two editors to SC 40 international standards and the Chair of INCITS/GIT1 is the leader of the working group developing ISO/IEC 20000.

Members participate in three to four virtual meetings per year and are encouraged to contribute comments and reviews of standards. All members are also eligible to attend national and international meetings in person. To learn more about membership in INCITS/GIT1. Visit http://www.incits.org/participation/membership-info or contact Lynn Barra at Lbarra@itic.org

BSR/ISEA 201 – *Insulation and Wash Durability Classification of Apparel Used in Cold Work Environments*

Comments limited to highlighted text (underline is new text; strikethrough is deleted text) representing substantive changes between current proposed language and that appearing in November 2018 Public Review Copy

6 Classification of Insulating Apparel

Insulating apparel shall be classified in terms of its performance, and optionally, its durability.

6.1 ~~Six~~ Five performance categories are specified in terms of the intrinsic thermal resistance (clo) of apparel items as identified in Section 7.

6.2 Clo may also be measured after optionally subjecting the apparel items to a selected laundering protocol as identified in Section 8. ~~Four~~ Three durability classes are optionally specified in terms of the number of laundering cycles experienced by the apparel items when evaluated to at least one of the following laundering methods identified in Section 8:

- home laundering
- dry cleaning
- industrial washing

7.1 Thermal Performance Category (Thermal Resistance, I_{cl})

7.1.1 When tested in accordance with ASTM F2732-16 *Standard Practice for Determining the Temperature Ratings for Cold Weather Protective Clothing*, the garment's intrinsic thermal resistance (insulation) shall be classified according to the categories provided in Table 1.

Table 1: Performance Categories

Category	Intrinsic Insulation Value (clo)
~~6~~	~~≥3.50~~
5	≥ 3.00 – ~~3.49~~
4	2.50 – 2.99
3	2.00 – 2.49
2	1.50 – 1.99
1	0.75 – 1.49

7.2 Temperature Rating

The measured total insulation value (clo units) of either the unlaundered apparel, or optionally, the laundered apparel in Section 8, shall be used to assign a temperature rating according to the procedure in ASTM F2732-16.

If only one temperature rating is used on the label, it shall be for 2 MET of activity (light work). The temperature rating for 4 MET of activity (heavy work) may also be used.

NOTE: ~~This assumes an activity level commensurate with "light work" or 2 MET, or for other activity levels temperature ratings as may be noted by the manufacturer and in accordance with ASTM F2732-16. It also assumes~~ The standard assumes the apparel item is part of a lightweight ensemble such as jeans, a thin knit mock turtleneck shirt, a knit hat, gloves, and everyday footwear.

8 Wash Durability Performance

Wash durability performance assessment is optional. When assessed, the apparel item shall be laundered using at least one of the methods listed in Table 2. The laundry method and durability class shall be selected to duplicate as closely as possible or be more rigorous than the intended care instructions of the apparel.

Table 2. Durability Classes (Number of Launderings)

Laundering Method	Durability Class			
	~~Class 1~~	Class ~~2~~ 1	Class ~~3~~ 2	Class ~~4~~ 3
Dry Clean				
ISO 3175-2:2017	~~5X~~	10X	25X	50X
Home Laundering ISO 6330:2012				
Level 1 Procedure ~~2A~~ 6B	~~5X~~	10X	25X	50X
Level 2 Procedure ~~4A~~ 3N	~~5X~~	10X	25X	50X
~~Level 3 Procedure 5A~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
~~Level 4 Procedure 7A~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
~~Level 5 Procedure 8A~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
~~Level 6 Procedure 4B~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
~~Level 7 Procedure 6B~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
~~Level 8 Procedure 9B~~	~~5X~~	~~10X~~	~~25X~~	~~50X~~
Industrial Wash ISO 15797:2017	Use the procedure for Colored Workwear			
Level 1 White Cotton (85°C)	~~5X~~	10X	25X	50X
Level 2 Polyester/Cotton (75°)	~~5X~~	10X	25X	50X

10.2 Specific Marking

The marking shall include the following information on the product itself or on labels attached to the product. Marking shall be affixed so as to be permanent, visible and legible; and durable for the appropriate number of cleaning processes:

f. The intrinsic insulation (clo) value range corresponding to the Thermal Performance Category;

NOTE: For Performance Category ~~6~~ 5 garments, the actual measured intrinsic insulation value shall be included;

NSF International Standard
for Dietary Supplements —

Dietary supplements

-
-
-

5 Product requirements

-
-
-

5.3.4 ~~Aristolochic acid~~ Botanical constituents

5.3.4.1 Aristolochic acid

Dietary ingredients and finished products shall not contain botanicals in the Aristolochiaceae family ~~(e.g., species in the following genera: *Aristolochia*; *Asarum*; Asiphonia; Hexastylis; *Thottea*; etc.)~~ unless such materials or products are confirmed to be free of aristolochic acid at a limit of detection of 0.5 ppm.

Dietary ingredients and finished products containing any botanicals listed in Annex A shall be confirmed to be free of aristolochic acid at the above-stated limit of detection according to 7.4.

~~5.3.5~~ 5.3.4.2 Pyrrolizidine alkaloids (PAs)

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Annex A
(normative)

Table A1 - List of botanicals which require testing for aristolochic acid~~[1]~~

~~‡*Aristolochia* spp.~~	~~‡*Asarum forbesii*~~
~~‡*Aristolochia acuminata*~~	~~‡*Asarum heterotropoides*~~
~~‡*Aristolochia argentina*~~	~~‡*Asarum sieboldii*~~
~~‡*Aristolochia baetica*~~	~~*Akebia* spp.~~
~~‡*Aristolochia bracteata*~~	~~**Akebia quinata*~~

~~[1] The source of this table is *FDA Alert: Aristolochic Acid: Listing of Botanical Ingredients of Concern* <http://www.fda.gov/Food/DietarySupplements/Alerts/ucm095283.htm>. The lists provided by FDA have been revised where needed for taxonomic accuracy. One additional species, *Clematis terniflora* var. *mandshurica*, is included here as it, along with *C. chinensis* and *C. hexapetala*, is an acceptable source of Radix et Rhizoma Clematidis (Chinese Pharmacopoeia Commission. *Pharmacopoeia of the People's Republic of China*, Volume I. Beijing: People's Medical Publishing House. 2005. Listed as *C. manshurica*).~~

~~†*Aristolochia chilensis*~~	~~**Akebia trifoliata*~~
~~†*Aristolochia cinnabarina*~~	~~†*Thottea siliquosa* (syn. *Bragantia wallichii*)~~
~~†*Aristolochia clematitis*~~	~~*Clematis* spp.~~
~~†*Aristolochia contorta*~~	~~**Clematis armandii*~~
~~†*Aristolochia cymbifera*~~	~~**Clematis chinensis*~~
~~†*Aristolochia debilis*~~	~~**Clematis hexapetala*~~
~~†*Aristolochia elegans*~~	~~**Clematis terniflora* var. *mandshurica*~~
~~†*Aristolochia esperanzae*~~	~~**Clematis montana*~~
~~†*Aristolochia fangchi*~~	~~*Clematis uncinata*~~
~~†*Aristolochia fimbriata*~~	~~*Cocculus* spp.~~
~~†*Aristolochia indica*~~	~~*Cocculus carolinus*~~
~~†*Aristolochia kaempferi*~~	~~*Cocculus hirsutus*~~
~~†*Aristolochia kwangsiensis*~~	~~*Cocculus indicus*~~
~~†*Aristolochia macrophylla*~~	~~*Cocculus laurifolius*~~
~~†*Aristolochia manshuriensis*~~	~~*Cocculus leaeba*~~
~~†*Aristolochia maurorum*~~	~~*Cocculus madagascariensis*~~
~~†*Aristolochia maxima*~~	~~**Cocculus orbiculatus* (syn. *C. trilobus*)~~
~~†*Aristolochia mollissima*~~	~~*Cocculus palmatus*~~
~~†*Aristolochia pistolochia*~~	~~*Cocculus pendulus*~~
~~†*Aristolochia rigida*~~	~~*Cocculus thunbergii*~~
~~†*Aristolochia rotunda*~~	~~*Diploclisia affinis* (syn. *D. chinensis*)~~
~~†*Aristolochia serpentaria*~~	~~*Menispermum dauricum*~~
~~†*Aristolochia watsonii*~~	~~**Saussurea costus* (syn. *S.lappa*)~~
~~†*Aristolochia westlandii*~~	~~*Sinomenium acutum* (syn. *Cocculus diversifolius*)~~
~~†*Aristolochia zollingeriana*~~	
~~†*Asarum canadense*~~	~~*Stephania* spp.~~
~~†*Asarum himalaicum*~~	~~**Stephania tetrandra*~~
~~†*Asarum splendens*~~	~~**Vladimiria souliei*~~

~~NOTE – The potential for aristolochic acid contamination in an herb listed in this table is highly variable. Those marked with a dagger symbol (†) are species in the Aristolochiaceae family and should be assumed to contain aristolochic acid unless scientifically valid analysis shows otherwise. Authoritative references (e.g., Upton R., *Characterization of selected plants that may contain or be adulterated with aristolochic acid.* Scotts Valley: American Herbal Pharmacopoeia, 2006) have confirmed that those marked with an asterisk(*) have some history of substitution with one or another species of *Aristolochia*. The other listed taxa included here because they have been identified by FDA as "botanicals which may be adulterated with aristolochic acid," but may not be likely to contain this contaminant. The specific contamination and adulteration risk factors that apply in a certain situation should be considered in the development of specifications according to good manufacturing practices.~~

†*Aristolochia* spp. (all species)	†*Asarum* spp. (all species)
**Cocculus orbiculatus*	†*Thottea siliquosa*

NOTE – The species marked with a dagger symbol (†) are species in the Aristolochiaceae family and should be assumed to contain aristolochic acid (FDA Import Alert 54-10) unless scientifically valid analysis shows otherwise. The species marked with an asterisk(*) has some history of substitution with one or another species of *Aristolochia* (Upton R., *Characterization of selected plants that may contain or be adulterated with aristolochic acid.* Scotts Valley: American Herbal Pharmacopoeia, 2006).

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NSF International Standard
for Dietary Supplements —

Dietary supplements

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5 Product requirements

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5.3.4.3 Ephedrine alkaloids

Except as noted in the following paragraph, dietary ingredients and finished products that consist of or include *Ephedra* spp. and are marketed in the United States shall be confirmed to be free of ephedrine alkaloids at a limit of detection of 0.1 ppm.

Notwithstanding the prior paragraph, this requirement shall not apply to dietary ingredients and finished products that consist of or are derived from *E. nevadensis* or *E. viridis* that are not manufactured to concentrate any naturally occurring ephedrine alkaloids. Examples of such exempt ingredients and products include tablets or capsules containing ground raw material from or simple tinctures of these species.

Ephedra spp. marketed in any other country that regulates a maximum level of ephedrine alkaloids shall be confirmed to contain no more than the allowed amount of ephedrine alkaloids at a limit of detection of 0.1 ppm.

Dietary ingredients and finished products containing *Ephedra* spp. and subject to the requirements of this section shall be confirmed to be free of ephedrine.

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NSF International Standard
for Dietary Supplements —

Dietary supplements

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3 Definitions

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3.8 dietary supplement[11]: A product (other than tobacco) that:

— is intended to supplement the diet and bears or contains one or more of the following dietary ingredients: a vitamin, a mineral, an herb or other botanical, an amino acid, a dietary substance for use by humans to supplement the diet by increasing the total dietary intake, or a concentrate, metabolite, constituent, extract, or combinations of these ingredients;

— is intended for ingestion in pill, capsule, tablet, powder, or liquid form;

— is not represented for use as a conventional food or as the sole item of a meal or diet;

— is labeled as a "dietary supplement" or has the word "dietary" deleted and replaced by the name of the dietary ingredient/s in the product (e.g., calcium supplement) or an appropriately descriptive term indicating the type of dietary ingredients that are in the product (e.g., herbal supplement with vitamins); ~~and~~

— includes an article that is approved as a new drug under section 505, certified as an antibiotic under section 507, or licensed as a biologic under section 351, of the Public Health Service Act (42 U.S.C. 262), and was, prior to such approval, certification, or license, marketed as a dietary supplement or as a food unless the Secretary (U.S. Department of Health and Human Services, FDAP) has issued a regulation, after notice, and comment, finding that the article, when used as or in a dietary supplement under the conditions of use and dosages set forth in the labeling for such dietary supplement, is unlawful under section 402(f), and

— does not include an article that is approved as a new drug under section 505, certified as an antibiotic under section 507, or licensed as a biologic under section 351 of the Public Health Service Act (42 U.S.C. 262) or an article authorized for investigation as a new drug, antibiotic, or biological for which substantial clinical investigations have been instituted and for which the existence of such investigations has been made public, which was not before such approval, certification, licensing, or authorization marketed as a dietary supplement or as a food unless the Secretary, in the Secretary's discretion, has issued a regulation, after notice and comment, finding that the article would be lawful.

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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 Standard for 342 Sustainability Assessment for Wallcovering Products

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7.2.1 Durability

The manufacturer shall receive eight points for providing documentation showing that the product performs ~~at or above all of the~~ to one of the following industry-recognized standards that are relevant to the specific product:

~~ASTM F793~~[5]

~~CCC-W-408D~~[8]

W-101[30]

W-102

These test procedures can be performed in an internal or external laboratory that demonstrates a quality program with written test procedures including the performance of equipment calibration. The test results at the time of certification that show compliance will remain in place until there is a processing change that is significant enough to impact compliance to the standard's requirements.

Note: When utilizing W-102, along with the completed W-102 document, the Company shall submit the acknowledgement from the Wallcovering Association Technical Committee for a particular construction.

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Tracking #350i43r1 **Revision to NSF/ANSI 350-2018**
 Draft 1, Issue 43 (May 2019)

NSF/ANSI Standard
For Wastewater Technology –

Onsite residential and commercial water reuse treatment systems

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Foreword[1]

This American National Standard, NSF/ANSI 350 *Onsite Residential and Commercial Water Reuse Treatment Systems,* has been developed as part of the ongoing efforts of interested parties 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. This Standard is intended to address publich health and environmental issues. Actual performance for any site or system may vary, depending on variations in raw water supply (such as in alkalinity and hardness), greywater constituents, and patterns of use. The end use of the effluent is the responsibility of the owner, design professionals, and regulatory officials.

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.

Systems may include:

— greywater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day): 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.

— residential wastewater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day): 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/day (400 gal/day) to 5,678 L/day (1,500 gal/day) shall either be demonstrated to have met the Class I requirements of NSF/ANSI 40 *Residential Wastewater Treatment Systems,* or shall meet these requirements during concurrent testing to this Standard. A treatment system treating less than 1,514 L/day (400 gal/day) shall not be required to have met the Class I requirements of NSF/ANSI 40.

— 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/day (1,500 gal/day). 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

[1] The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

treatment system. See Section 8.3 for performance testing and evaluation. The key elements of a field evaluation of a commercial onsite treatment system are described in Annex A.

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NSF/ANSI Standard
For Wastewater Technology –

Onsite residential and commercial water reuse treatment systems

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/day (1,500 gal/day). 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/day (1,500 gal/day). 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/day (400 gal/day) to 5,678 L/day (1,500 gal/day) shall either be demonstrated to have met the Class I requirements of NSF/ANSI 40, or must meet these requirements during concurrent testing to this Standard. A treatment system treating less than 1,514 L/day (400 gal/day) 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/day (1,500 gal/day). 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 A.

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.

Tracking number 60i81r1
Revision to NSF/ANSI/CAN 60-2018
Issue 81 Revision 1 (May 2019)

[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 gray 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 for Drinking Water Additives –

Drinking Water Treatment Chemicals – Health Effects

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6.8 Evaluation of contaminant concentrations

The normalized concentration of each contaminant shall be no greater than the SPAC determined in accordance with the requirements of NSF/ANSI/CAN 600 (previously Annex A).

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Table 6.2
Disinfection and oxidation products – Product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L)[1]	Minimum test batteries of chemistry-specific analyses[2]
. . .						
potassium permanganate (oxidation)	permanganate	$KMnO_4$ (7722-64-7)	158.0	Method B, Annex B, Section B.3.3	15	metals[3]
sodium chlorate[12] ~~(disinfection & oxidation)~~ (chlorine dioxide production)	—	$NaClO_3$ (7775-09-9)	106.5	Method A, Annex B, Section B.3.2	8	metals[3], VOCs, perchlorate
sodium chlorite[12] ~~(disinfection & oxidation)~~ (chlorine dioxide production)	—	$NaClO_2$ (7758-19-2)	90.5	Method A, Annex B, Section B.3.2	7	metals[3], VOCs
sodium hypochlorite[4,11] (disinfection & oxidation)	liquid bleach	NaOCl (7681-52-9)	74.5	Method B, Annex B, Section B.3.3	10[5]	metals[3], VOCs, bromate, chlorate, perchlorate

. . .

[11] When all certified ingredients are used, testing for this chemical may be alternated every other year.

[12] Sodium chlorate and sodium chlorite are used for on-site production of chlorine dioxide in drinking water disinfection. These chemicals are reactants and require mixing with a second chemical to produce chlorine dioxide. These chemicals are generally not approved for unaltered addition to drinking water. Use for other applications will require additional analyses for testing.

BSR/UL 295, Standard for Safety for Commercial-Industrial Gas Burners

1. Addition of flexible metallic hose reference

PROPOSAL

28.18 Flexible metallic hose ~~is not considered a substitute for rigid piping or tubing as ordinarily employed. Its use should~~ shall be confined to applications where rigid piping or tubing is impractical ~~and where flexible connections cannot be avoided. It is not intended to be subjected to torsional, tensile, or excessive vibration or bending stresses or to abrasion~~. The application shall not subject the flexible metallic hose to excessive torsion, tension, vibration, bending or abrasion. ~~It is not considered suitable for use~~ Flexible metallic hose shall not be used in conjunction with safety devices or where bending is caused by automatic operation. Flexible metallic hose shall comply with ~~the~~ one of the following:~~.~~

a) The Standard for Flexible Metallic Hose, UL 536 or

b) The Standard for Connectors for Gas Appliances, ANSI Z21.24. Further, if the end product is to be installed outdoors the flexible metallic hose shall comply with the requirements in the Standard Connectors for Outdoor Gas Appliances and Manufactured Homes, ANSI Z21.75.

UL 486F, Standard for Safety for Bare and Covered Ferrules

3. Updates to Tables 1 - 6

Table 1 - Ferrules without plastic sleeve, Form A

Nominal size		Conductor cross-section		d_1		d_2		l_1		l_2		s	
Conductor cross-section, mm²	Length l_1	AWG	mm²		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance
0,25	5	24	0,25	0,8		1,7		5		4,7			
	7							7		6,7			
0,34	5	22	0,34	0,9		1,8		5		4,7			
	7							7		6,7			
0,5	6	20	0,5	1		2,1		6		5,7			
	8							8		7,7			
	10							10		9,7			
0,75	6	18	0,75	1,2	+/-0,14	2,3		6		5,7			
	10							10		9,7	-0.4		±0,05
1	6	-	1	1,4		2,5		6		5,7			
	10							10		9,7			
1,5	7	16	1,5	1,7		2,8		7		6,4			
	10							10		9,4			
	12							12		11,4		0,15	
	18							18	-0,4	17,4			
2,5	7	14	2,5	2,2		3,4		7		6,4			
	10				+/-0,25		-0,2	10		9,4			
	12							12		11,4			
	18							18		17,4			
4	9	12	4	2,8		4		9		8,4		0,2	
	12							12		11,4			
	15							15		14,4			
	18							18		17,4			

6	10	10	6	3,5		4,7		10		9,4			
	12							12		11,4			
	15						-0,2	15		14,4			
	18							18		17,4	-0.4		
10	12	8	10	4,5		5,8		12	-0,4	11,2			
	15				+/-0,3			15		14,2			
	18							18		17,2			
16	12	6	16	5,8		7,5		12		10,9			
	15							15		13,9			
	18							18		16,9			±0,05
	25							25	-0,6	23,9			
	32							32		30,9			
25	15	4	25	7,3		9,5		15	-0,4	13,4			
	18							18		16,4			
	25							25	-0,6	23,4			
	32							32		29,4			
35	18	2	35	8,3		11		18	-0,4	16,4			
	25				+/-0,4			25	-0,6	23,4			
	32						-0,5	32		30,4			
50	18	1/0	50	10,3		13		18	-0,4	15,4		0,3	
	25							25	-0,6	22,4			
	32							32		29,4			

Note - All dimensions in mm unless otherwise stated.

Table 4 - Tubular ferrules with plastic sleeve, Form E

Nominal size		Conductor cross-section		d_1		d_2		l_1		l_2		s_1		s_2		Color identification code for plastic sleeve (Informative only)
Conductor cross section mm²	Length	AWG	mm²		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance	
0,14	6 8	26	0,14	0,8	+/- 0,14	1,9	-0,2	10,5 12,5	-1,5	6 8	-0,4	0,15	+/- 0,05	0,25	-0,1	grey
0,25	6 8	24	0,25	0,8	+/- 0,14	1,9	-0,2	10,5 12,5	-1,5	6 8	-0,4	0,15	+/- 0,05	0,25	-0,1	yellow
0,34	6 8 10 12	22	0,34	0,8	+/- 0,14	1,9	-0,2	10,5 12,5 14,5 16,5	-1,5	6 8 10 12	-0,4	0,15	+/- 0,05	0,25	-0,1	tur-quoise
0,5	6 8 10	20	0,5	1	+/- 0,14	2,6	-0,2	12 14 16	-1,5	6 8 10	-0,4	0,15	±0,05	0,25	-0,1	white
0,75	6 8 10 12	18	0,75	1,2	+/- 0,14	2,8	-0,2	12 14 16 18	-1,5	6 8 10 12	-0,4 -0,6	0,15	±0,05	0,25	-0,1	grey
1	6 8 10 12	-	1	1,4	+/- 0,14	3	-0,2	12 14 16 18	-1,5	6 8 10 12	-0,4 -0,6	0,15	±0,05	0,25	-0,1	red
1,5	8 10	16	1,5	1,7	+/- 0,25	3,5	-0,2	14 16	-1,5	8 10	-0,4	0,15	±0,05	0,25	-0,1	black

	12 18						18 24	-2	12 18	-0,6					
2,5	8 12 18	14	2,5	2,2	+/- 0,25	4,2	-0,2	14 18 24	-1,5 -2	8 12 18	-0,4 -0,6	0,15	±0,05	0,25	-0,1	blue
4	10 12 18	12	4	2,8	+/- 0,25	4,8	-0,4	17 20 26	-1,5 -2	10 12 18	-0,4 -0,6	0,2	±0,05	0,3	-0,1	grey
6	12 18	10	6	3,5	+/-0 3	6,3	-0,4	20 26	-1,5 -2	12 18	-0,6	0,2	±0,05	0,3	-0,1	yellow
10	12 18	8	10	4,5	+/-0,3	7,6	-0,4	22 28	-2	12 18	-0,6	0,2	±0,05	0,4	-0,15	red
16	12 18	6	16	5,8	+/-0,3	8,8	-0,4	24 28	-2	12 18	-0,6	0,2	±0,05	0,4	-0,15	blue
25	16 18 22	4	25	7,3	+/-0,4	11,2	-0,5	30 30 36	-2	16 18 22	-0,6	0,2	±0,05	0,4	-0,15	yellow
35	16 18 25	2	35	8,3	+/-0,4	12,7	-0,5	30 30 39	-2	16 18 25	-0,6	0,2	±0,05	0,4	-0,15	red
50	20 25	1/0	50	10,3	+/-0,4	15	-1	36 40	-2	20 25	-0,6	0,3	±0,05	0,5	-0,15	blue

Note - All dimensions in mm unless otherwise stated.

Table 5 - Two conductor (Twin) ferrules, Form F

Nominal size		Conductor cross-section		d_1		d_2		d_3		l_1		l_2		s_1		s_2		Color identification code for plastic sleeve (Informative only)
Conductor cross section	Length l_2	AWG	mm^2		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance		Tolerance	
2 × 0,25	8	2 × 24	2 × 0,25	1,15	+/- 0,14	1,8	-0,2	3,4	-0,2	15	-1,5	8	-0,4	0,15	±0,05	0,25	-0,1	Any
2 × 0,34	8	2 × 22	2 × 0,34	1,15		1,8		3,4		15		8		0,15		0,25		Any
2 × 0,50	8	2 × 20	2 × 0,50	1,40		2,5		4,7	-0,3	15		8		0,15		0,25		White
2 × 0,75	8	2 × 18	2 × 0,75	1,7	+/- 0,25	2,8		5	-0,4	15		8		0,15		0,25		Grey
	10									17		10						
2 × 1	8	2 × 18	2 × 1	1,95		3,4		5,4		15		8		0,15		0,3		Red
	10									17		10						
	12									19		12	-0,6					
	18									25	-0,2	18						
2 × 1,5	8	2 × 16	2 × 1,5	2,2		3,6		6,6		16	-1,5	8	-0,4	0,15		0,3		Black
	12									20		12	-0,6					
	18									26	-0,2	18						
2 × 2,5	10	2 × 14	2 × 2,5	2,8		4,2		7,8		18,5	-1,5	10	-0,4	0,2		0,3		Blue
	13									21,5		13	-0,6					
2 × 4	12	2 × 12	2 × 4	3,7	+/- 0,3	4,9	-0,4	8,8	-0,5	23	-0,2	12		0,2		0,4	-0,15	Grey
2 × 6	14	2 × 10	2 × 6	4,8		6,9		10		26		14		0,2		0,4		Yellow
2 × 10	14	2 × 8	2 × 10	6,4	+/- 0,4	7,2		13		26		14		0,2		0,4		Red
2 × 16	14	2 × 6	2 × 16	8,2		9,6		18,4	-1	30		12		0,2		0,4		Blue

Note - All dimensions in mm unless otherwise stated.

BSR/UL 639-201X, Standard for Safety for Intrusion-Detection Units

1. For Ballot and Comment Only: Installation and Operating Instructions – Electronic Media Option

4 ~~Instructions and Drawings~~ Installation and Operating Instructions

4.1 A copy of the installation and operating instructions intended to accompany the product, related schematic wiring diagrams, and installation drawings is to be furnished with the sample submitted for investigation and is to be used as a guide in the examination and test of the product. For this purpose, a final printed edition is not required. The information may be included in a manual.

4.2 The installation and operating instructions ~~and drawings~~ shall include such directions and information ~~as considered by the manufacturer to be~~ necessary to accomplish the intended installation, maintenance, and operation of the product and in accordance with the required information of Section 74 (Instructions and Drawings).

4.3 The installation and operating instructions containing the information required in 4.1 and 4.2 and as referenced in other paragraphs in this standard, shall be made available by one or more of the following means:

a) Printed hardcopy format;

b) Instructions attached to the product;

c) Electronic instructions within the basic product software; or

d) Electronic media such as CD, DVD, thumb drive, website, or equivalent.

4.4 When the installation and operating instructions are included as described in 4.3 (a), (c), or (d), they shall be referenced in the product marking by document number and issue date, and/or revision level. Products utilizing electronic media as described in 4.3 (c) or (d), shall include information on how to receive a printed copy of the installation and operating instructions.

BSR/UL 1238, Standard for Safety for Control Equipment for Use with Flammable Liquid Dispensing Devices

1. Addition of reference to UL 61010-1

PROPOSAL

21.3 A fuse or circuit protective device used to limit the power as specified in 21.2 shall be rated or set at not more than 3.2 amperes for a circuit operating between 15 and 30 volts and at not more than 5.0 amperes for a 0 - 15 volt circuit. When an impedance or regulating network is used to limit the current, it shall be such value or construction as to limit the current under short-circuit conditions to not more than 8.0 amperes measured after 1 minute.

Exception: A power supply that complies with any of the following is considered to comply with this requirement without test:

a) Power supplies evaluated to the Standard for Information Technology Equipment - Safety - Part 1: General Requirements, UL 60950-1, that are SELV, Non-energy hazardous and provided with a fused output in accordance with the fuse values given in 21.3;

b) Power supplies evaluated to the Standard for Class 2 Power Units, UL 1310, that are marked as Class 2, Limited Power Source, or LPS, are considered to comply without test~~.~~; or

c) Power supplies evaluated to the Standard for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements, UL 61010-1.

BSR/UL 1981-201X, Standard for Safety for Central-Station Automation Systems

1. For Ballot and Comment Only: Remote Access to the Automation System

6.1.1 If supported by the automation system any Any connection to the system that permits access from a point outside of the central-station shall be through a secure, end-to-end connection that utilizes encryption certified by NIST (See 5.34). The configuration of these connections used in central-stations shall comply with Section 17.12, Connections to the Automation Computer System, of the Standard for Central-Station Alarm Services, UL 827.