ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 13, 2018

NSF (NSF International)

Revision

BSR/NSF 46-201x (i31r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2017)

This wastewater standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater or both. Management methods for the end-products of these components and devices are not addressed in this Standard. This Standard shall in no way restrict new system designs, provided that such designs meet the minimum specifications described.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60745-2-15-201x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (national adoption of IEC 60745-2-15 with modifications and revision of ANSI/UL 60745-2-15-2017)

This proposal for UL 60745-2-15 covers: (1) Proposed revision to Clause 19.103DV to clarify minimum number of handle requirements for extended reach hedge trimmers.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62841-3-4-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-4: Particular Requirements for Transportable Bench Grinders (identical national adoption of IEC 62841-3-4 and revision of ANSI/UL 62841 -3-4-2016)

This proposal for UL 62841-3-4 covers: (1) Proposed revision to Figure 104 to align with changes in IEC Corrigendum 1 of IEC 62841-3-4.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62841-3-6-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-6: Particular Requirements for Transportable Diamond Drills and Liquid System (identical national adoption of IEC 62841-3-6 and revision of ANSI/UL 62841-3-6-2016)

This proposal for UL 62841-3-6 covers: (1) Proposed revision to Table 4, Required Performance Levels, to align with changes in IEC Corrigendum 1 of IEC 62841-3-6.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62841-3-10-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-10: Particular Requirements for Transportable Cut-Off Machines (national adoption of IEC 62841-3-10 with modifications and revision of ANSI/UL 62841-3-10-2016)

This proposal for UL 62841-3-6 covers: (1) Proposed changes to Clause 19.101.2.1 to clarify that guarding Is required if any one of the three elements is not circular.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 539-201x, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2017)

(1) Graph modification for fire test temperature profile.

Click here to view these changes in full

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

Comment Deadline: May 28, 2018

APTech (ASC CGATS) (Association for Print Technologies)

New National Adoption

BSR CGATS.5-201x, Graphic technology - Spectral measurement and colorimetric computation for graphic arts images (identical national adoption of ISO 13655 and revision of ANSI CGATS.5-2009)

This standard establishes procedures for the measurements and colorimetrical computations appropriate to objects that reflect, transmit, or self-illuminate, including flat-panel displays. It also establishes procedures for computation of colorimetric parameters for graphic arts images. Graphic arts include, but are not limited to, the preparation of material for, and volume production by, production printing processes that include offset lithography, letterpress, flexography, gravure, and screen printing. This standard does not address spectral measurements appropriate to other specific application needs, such as those used during the production of materials, e.g., printing ink, printing paper, and proofing media.

Single copy price: $92.00

Obtain an electronic copy from: dorf@aptech.org

Order from: Debbie Orf; dorf@aptech.org

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

APTech (ASC CGATS) (Association for Print Technologies)

Withdrawal

ANSI CGATS.20-2002 (R2012), Graphic technology - Variable printing data exchange using PPML and PDF (PPML/VDX) (withdrawal of ANSI CGATS.20-2002 (R2012))

This standard specifies the methods for the use of the Personalized Print Markup Language (PPML) and the Portable Document Format (PDF) for the exchange or identification of all elements necessary to render a variable data imaging job as intended by the sender. This standard specifies document layout and content data and makes provision for product intent specifications using the Job Definition Format (e.g., paper selection, binding, finishing, etc.). This standard is not intended to address applications where printing is started before the file creation and transfer is complete (often called streaming applications).

Single copy price: $45.00

Obtain an electronic copy from: dorf@aptech.org

Order from: Debbie Orf; dorf@aptech.org

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

ASA (ASC S12) (Acoustical Society of America)

New National Adoption

BSR ASA S12.11-2013/Part 1/ISO 10302-1:2011 (R201x), Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 1: Airborne noise measurement (a nationally adopted international standard) (reaffirm a national adoption of) ANSI ASA S12.11-2013/Part 1/ISO 10302-1:2011)

Specifies methods for measuring the airborne noise emitted by small air□ moving devices (AMDs), such as those used for cooling electronic, electrical, and mechanical equipment where the sound power level of the AMD is of interest. Examples of these AMDs include propeller fans, tube□axial fans, vane□axial fans, centrifugal fans, motorized impellers, and their variations. This part describes the test apparatus and methods for determining the airborne noise emitted by small AMDs as a function of the volume flow rate and the fan static pressure developed by the AMD on the test apparatus.

Single copy price: $93.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Neil Stremmel, (631) 390-0215, asastds@acousticalsociety.org

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

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

BSR ASA S12.11 PT 2-2013, ISO 10302-2:2011 (R201x), Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 2: Structure-borne vibration measurements (a nationally adopted international standard) (reaffirmation of ANSI ASA S12.11 PT 2-2013, ISO 10302-2:2011)

Covers vibration levels from small air-moving devices (AMDs) with mounting footprints of less than 0.48 m × 0.90 m for the full-size test plenum defined in Part 1 and less than 0.18 m × 0.3 m for the half-size plenum. It covers all types of AMDs which can be mounted on, and are self-supported at, the discharge or inlet plane of a test plenum box as specified in Part 1. The procedures defined in this part of this American National Standard specify methods for determining the vibration levels that a small AMD would induce in an average structure used in information technology and telecommunications equipment.

Single copy price: $69.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Neil Stremmel, (631) 390-0215, asastds@acousticalsociety.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASAE S572.2 MONYEAR-201x, Spray Nozzle Classification by Droplet Spectra (revision of ANSI/ASAE S572.1 MAR2009 (R2017))

Defines droplet spectrum categories for classification of spray nozzles, relative to specified reference fan nozzles discharging spray into static air so that no stream of air enhances atomization. The purpose of classification is to provide the nozzle user with droplet size information to indicate off-site spray drift potential and for application efficacy. The Standard defines a means for relative nozzle comparisons only based on droplet size. Other spray drift and application efficacy factors (droplet discharge trajectory, height, and velocity; air bubble inclusion; droplet evaporation; impaction on target) are examples of factors not addressed in the standard.

Single copy price: $61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

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

New Standard

BSR/ASHRAE Standard 222P-201x, Standard Method of Test for Electrical Power Drive Systems (new standard)

This standard is a method of test for determining the performance of heating, ventilating, air-conditioning and refrigerating (HVACR)-related adjustable-speed electric alternating-current power-drive systems, which include a complete drive module and a motor.

Single copy price: $35.00

Obtain an electronic copy from: standards.section@ashrae.org

Order from: standards.section@ashrae.org

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

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

New Standard

BSR/ASHRAE/AHRI Standard 155P-201x, Method of Testing for Rating Commercial Space Heating Boiler Systems (new standard)

This proposed standard provides a method of test for rating commercial-space heating boiler systems. The ultimate objective is to provide a means to determine the seasonal efficiency of individual, modular, and multiple boiler systems having various means of staging boilers to meet the building load, various supply or return water control strategies, and various pumping strategies, when applied to meet the load of a particular building or prototype building in a particular climate. This version of the standard provides test procedures together with calculation procedures that allow a full performance map to be created for an individual boiler from the test results.

Single copy price: $35.00

Obtain an electronic copy from: Free download at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B30.24-201x, Container Cranes (revision of ANSI/ASME B30.24 -2013)

This B30.24 Standard includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of container cranes used for lifting purposes, in conjunction with equipment described in other volumes of the B30 Standard.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Kathleen Peterson, (800) 843-2763, petersonk@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR ATIS 1000678.b.v2-2010 (R201x), Supplement B to ATIS-1000678. v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (reaffirmation of ANSI ATIS 1000678.b.v2-2010 (R2013))

This is a supplement to ATIS 1000678.v2.2006 (R2013) and provides clarifications, corrections and enhancements to ATIS 1000678.v2.2006 (R2013) and ATIS 1000678.a.v2.2007 (R2013).

Single copy price: $220.00

Obtain an electronic copy from: ablasgen@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Stabilized Maintenance

BSR ATIS 1000678.a.v2-2007 (S201x), Supplement A to ATIS-1000678. v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice Over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.a.v2-2007 (R2013))

This document is a supplement to ATIS 1000678.v2.2006 and provides clarifications, corrections, and enhancements.

Single copy price: $145.00

Obtain an electronic copy from: ablasgen@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Stabilized Maintenance

BSR ATIS 1000678.v2-2006 (S201x), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks, Version 2 (stabilized maintenance of ANSI ATIS 1000678.v2-2006 (R2013))

This standard defines the interfaces between a Telecommunication Service Provider (TSP) and a Law Enforcement Agency (LEA) to assist the LEA in conducting lawfully authorized electronic surveillance for Voice over Packet (VoP) Technologies in Wireline Telecommunications Networks.

Single copy price: $415.00

Obtain an electronic copy from: ablasgen@atis.org

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

AWWA (American Water Works Association)

New Standard

BSR/AWWA C621-201x, Internal Pipe Joint Seal Assemblies for Water Service (new standard)

This standard describes the selection and installation requirements for field-applied, mechanical, internal pipe joint seal assemblies for water service.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347 -6178, polson@awwa.org

AWWA (American Water Works Association)

Revision

BSR/AWWA B402-201x, Ferrous Sulfate (revision of ANSI/AWWA B402 -2012)

This standard describes ferrous sulfate (FeSO4) in moist, dried, and solution (liquid) forms for the treatment of potable water, wastewater, or reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347 -6178, polson@awwa.org

AWWA (American Water Works Association)

Revision

BSR/AWWA B505-201x, Disodium Phosphate, Anhydrous (revision of ANSI/AWWA B505-2012)

This standard describes disodium phosphate, anhydrous, for use in the treatment of potable water, wastewater, and reclaimed water. The product described is also known as sodium hydrogen phosphate, with the salt in anhydrous form. Disodium phosphate, anhydrous is an ortho-phosphate used, as formulated and in blends, to inhibit corrosion of potable water conveyance systems. The product described by this standard is also known as sodium phosphate, dibasic, anhydrous.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347 -6178, polson@awwa.org

CSA (CSA Group)

New Standard

BSR CSA LNG 4.1-201x, Liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV) (new standard)

A standard for safe operation, substantial and durable construction and performance testing of components for natural gas vehicle LNG dispensing systems.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Send comments (with copy to psa@ansi.org) to: cathy.rake@csagroup.org

GTESS (Georgia Tech Energy & Sustainability Services)

New National Adoption

BSR/MSE/ISO 50001-201x, Energy management systems - Requirements with guidance for use (identical national adoption of ISO 50001:2018)

The aim of this document is to enable organizations to establish the systems and processes necessary to continually improve energy performance, including energy efficiency, energy use, and energy consumption. This document applies to the activities under the control of the organization. Its application can be tailored to fit the specific requirements of the organization, including the complexity of its systems, degree of documented information and available resources.

The main changes compared to the previous edition are as follows:

- Adoption of ISO's requirements for management system standards, including a high-level structure, identical core text, and common terms and definitions, to ensure a high level of compatibility with other management system standards;
- Supports integration with strategic management processes;
- Clarification of language and organization;
- Stronger emphasis on the role of top management;
- Definitions in Section 3 have been updated and placed in context order;
- Inclusion of new definitions including energy performance improvement;
- Clarification on exclusions of energy types;
- Energy Review has been clarified;
- Normalization of energy performance indicators (EnPI(s)) and associated energy baselines(EnB(s)); and
- Addition of details on the energy data collection plan and related requirements (previously energy measurement plan).

Energy performance indicator (EnPI) and energy baseline (EnB) text has been clarified to provide a better understanding of these concepts.

Single copy price: TBD (estimated as $135.00)

Obtain an electronic copy from: deann.desai@gatech.edu

Send comments (with copy to psa@ansi.org) to: deann.desai@gatech.edu

GTESS (Georgia Tech Energy & Sustainability Services)

New National Adoption

BSR/MSE/ISO 50046-201x, General quantification methods for ex-ante or expected energy savings (identical national adoption of ISO 50046)

This document provides general guidelines for the quantification of predicted energy savings(PrES), also known as ex-ante quantification. It also provides a process resulting in ex ante savings estimates satisfactory for the organization developing them and relevant stakeholders. It is meant to be used once the opportunities for energy performance improvements have been identified, but prior to the implementation of the Energy Performance Improvement Actions (EPIAs). It is, therefore, meant to be used when selecting and/or specifying the EPIAs and/or the action plan, program or policy to be subsequently implemented. This document provides a methodology for increasing the transparency and quality of data used to predict energy savings which can be used to select among energy savings opportunities, for investment decisions, and accounting or crediting of energy savings (for example, for energy savings certificates). It provides methods which can be used, for example, in the context of energy audits, energy savings obligations and energy efficiency portfolio standards, voluntary agreements or energy performance contracting. A clear validation and documentation of the PrES, in particular about their quantification, adds value by increasing the credibility and reliability of the PrES, irrespective of the methods chosen.

Single copy price: TDB (estimated as $135.00)

Obtain an electronic copy from: deann.desai@gatech.edu

Send comments (with copy to psa@ansi.org) to: deann.desai@gatech.edu

ISA (International Society of Automation)

New Standard

BSR/ISA 62443-4-2-201x, Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS (new standard)

This document in the ISA 62443 series provides detailed technical control system component requirements (CRs) associated with the seven foundational requirements (FRs) described in ISA 62443-1-1 including defining the requirements for control system capability security levels and their components, SL C(component).

Single copy price: $99.00

Obtain an electronic copy from: ebrazda@isa.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

New Standard

BSR C136.48-201x, Roadway and Area Lighting Equipment - Remote Monitoring and Controls (new standard)

This standard defines the minimum requirements for remote control and monitoring systems for roadway and area lighting.

Single copy price: $50.00

Obtain an electronic copy from: karen.willis@nema.org

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

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

BSR C136.18-201X, Standard for Roadway and Area Lighting EquipmentHigh-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (revision of ANSI C136.18-2006 (R2010))

This standard is intended to cover physical, operational, maintenance, and light-distribution features that permit use of high-mast luminaires in roadway applications when specified. It is not intended that compliance with this standard will permit interchangeability with existing roadway equipment without thorough engineering review and evaluation.

Single copy price: $35.00

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

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

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

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

New National Adoption

BSR/RESNA WC-3-201x, RESNA Standard for Wheelchairs - Volume 3: Wheelchair Seating (national adoption of ISO 16840-2, ISO 16840-3, ISO 16840-6, ISO TS 16840-12 with modifications and revision of ANSI/RESNA WC-3-2013)

Wheelchair seating as a subspecialty of rehabilitation services involves the selection and provision of wheelchair seating products to provide improved body support to the wheelchair user. This standard applies to all wheelchair seating and postural devices. It specifies test methods or methods of measurement for: vocabulary; the physical and mechanical characteristics; performance life; envelopment test; heat and water vapor test; and static, impact, and load strength testing.

Single copy price: $475.00

Obtain an electronic copy from: ymeding@resna.org

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

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Reaffirmation

BSR/TAPPI T 1218 sp-2012 (R201x), Calibration of reflectance standards for hemispherical geometry (reaffirmation of ANSI/TAPPI T 1218 sp-2012)

This standard practice describes the calibration of standards for hemispherical reflectance in relation to the theoretically perfect reflecting diffuser with an assigned value of unity. The calibration of an instrument standard is made by means of a standard coated flat plate. The absolute reflectance of the flat plate is determined with a spectrophotometer equipped with an integrating sphere to which has been added an auxiliary sphere.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 489A-2008 (R201x), Standard for Safety for Circuit Breakers for Use in Communications Equipment (reaffirmation of ANSI/UL 489A-2008 (R2013))

The requirements of this standard cover single pole or multi-pole DC-rated circuit breakers intended for use as branch circuit overcurrent and short-circuit protection in communications equipment. All poles of multi-pole circuit breakers covered by this standard operate at the same potential. The requirements of this standard cover devices rated 600 volts DC or less. This standard is intended to be used with the Standard for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures, UL 489, as the requirements of this standard modify the tests described in that standard.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549 -1636, patricia.a.sena@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 887-2004 (R201x), Standard for Safety for Delayed-Action Timelocks (reaffirmation of ANSI/UL 887-2004 (R2013))

These requirements cover delayed-action timelocks intended for attachment on the doors of safes, chests, vaults, and the like, to provide a means for locking the door for a predetermined length of time as protection against burglary or robbery or both.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Mark Ramlochan, (613) 368 -4422, Mark.Ramlochan@ul.com

VITA (VMEbus International Trade Association (VITA))

Revision

BSR/VITA 67.1-201x, Coaxial Interconnect on VPX, 4 Position SMPM Configuration (revision of ANSI/VITA 67.1-2012)

The objective of this standard is to detail the configuration and interconnect within the structure of VITA 67.0 enabling a VITA 46 interface containing multi-position blind-mate analog connectors with up to 4 SMPM contacts.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

VITA (VMEbus International Trade Association (VITA))

Revision

BSR/VITA 67.2-201x, Coaxial Interconnect on VPX, 8 Position SMPM (revision of ANSI/VITA 67.2-2012)

The objective of this standard is to detail the configuration and interconnect within the structure of VITA 67.0 enabling a 6U VITA 46 interface containing multiposition blind-mate analog connectors with up to 8 SMPM contacts.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

Comment Deadline: June 12, 2018

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B29.21-2013 (R201x), 700 Class Chains, Attachments and Sprocket Teeth for Water and Sewage Treatment Plants (reaffirmation of ANSI/ASME B29.21-2013)

This Standard covers 700 Class chains, attachments, and sprocket teeth for water and sewage treatment plants.

Single copy price: $40.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591 -7052, chanl4@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME PTC 11-2008 (R201x), Fans (reaffirmation of ANSI/ASME PTC 11-2008)

The scope of this Code is limited to the testing of fans after they have been installed in the systems for which they were intended.

Single copy price: $132.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmondr@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 1668-201x, Recommended Practice for Voltage Sag and Short Interruption Ride-Through Testing for End-Use Electrical Equipment Rated Less than 1000 V (new standard)

This document is a non-industry-specific recommended practice for voltage-sag ride-through performance and compliance testing for all electrical and electronic equipment connected to low-voltage power systems (with nominal/rated voltage less than 1000 V) that can experience malfunction or shutdown as a result of reductions in supply voltage lasting less than 1 minute. The recommended practice includes defining minimum voltage-sag immunity requirements based on actual voltage-sag data.

Single copy price: $94.00 (pdf): $117.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE 2700-201x, Standard for Sensor Performance Parameter Definitions (new standard)

This standard provides a common framework for sensor performance specification terminology, units, conditions, and limits. This standard is intended for sensor technologies with digital I/O interfaces. The specific sensors discussed in this standard are the accelerometer, magnetometer, gyrometer/gyroscope, accelerometer/magnetometer/gyroscope combination sensors, barometer/pressure sensors,

hygrometer/humidity sensors, temperature sensors, light sensors (ambient and RGB), and proximity sensors.

Single copy price: $76.00 (pdf): $95.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE C57.12.36-201x, Standard Requirements for Liquid-Immersed Distribution Substation Transformers (new standard)

This standard covers certain electrical, dimensional, and mechanical characteristics of 50 Hz and 60 Hz, two winding, liquid-immersed distribution substation transformers. Such transformers may be remotely or integrally associated with either primary and secondary switchgear or substations, or both, for step-down or step-up purposes rated as follows:

a) 112.5 kVA through 10 000 kVA three-phase

b) 250 kVA through 6667 kVA single-phase

c) High voltage: 69 000 V and below, and low voltage: 34 500 V and below.

Single copy price: $59.00 (pdf): $74.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE C57.140-201x, Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers (revision of ANSI/IEEE C57.140-2006)

This document provides guidelines for the following: insulating oil maintenance and diagnostics, oil reclamation, testing methods for the determination of remaining insulation (paper) life, and upgrades of auxiliary equipment such as bushings, gauges, de-energized tap changers (DETCs), load tap changers (LTCs) (where applicable), and coil re-clamping. The goal of this guide is to assist the user in extending the useful life of a transformer.

Single copy price: $94.00 (pdf): $117.00 (print)

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

Projects Withdrawn from Consideration

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

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI 14538-199x, Biological Evaluation of Medical Devices - Establishment of Permissible Limits for Sterilization and Process Residues Using Health-Based Risk Assessment (new standard)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI (to be determined), Resistors Used for Characterizing the Performance of Biological and Chemical Indicators (new standard)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI (to be determined), Resistometers Used for Characterizing the Performance of Biological and Chemical Indicators (revision, redesignation and consolidation of ANSI/AAMI ST44-1992, ANSI/AAMI ST45-1992)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI CT63-199x, Ventricular Assist Devices (VAD) and Total Artificial Hearts (TAH) (new standard)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI DS-1 15539-01-200x, Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses (identical national adoption of ISO 15539-1)

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

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI ES1-A-xx, Safe Current Limits for Electromedical Apparatus (supplement to ANSI/AAMI ES1-1993)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI EC11A-199x, Diagnostic Electrocardiographic Devices (Amendment) (supplement to ANSI/AAMI EC11-1991)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI EC13A-1995, Cardiac Monitors, Heart Rate Meters and Alarms (Amendment) (supplement to ANSI/AAMI EC13-1992)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI HE82-200x, Medical Device Tubings Connectors (new standard)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI ID26-201x, Infusion Pumps - General requirements (revision of ANSI/AAMI ID26-2004 (R2009))

AAMI (Association for the Advancement of Medical Instrumentation)

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

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/IEC 60601-1-6-200x, Medical electrical equipment - Part 1-6: General requirements for safety - Collateral standard: Usability (identical national adoption of 60601-1-6/Ed.1 and revision of ANSI/AAMI HE74-2001)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 9626-199x, Stainless Steel Needle Tubing for the Manufacture of Medical Devices (identical national adoption of ISO 9626)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10555-1-199x, Sterile Single-Use Intravascular Catheters - Part 1: General Requirements (identical national adoption of ISO 10555-1)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10555-2-200x, Sterile Single Use Intravascular Catheters - Part 2: Angiographic Catheters (identical national adoption of ISO 10555-2)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10555-3-200x, Sterile Single Use Intravascular Catheters - Part 3: Central Venous Catheters (identical national adoption of ISO 10555 -3)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10555-4-200x, Sterile Single Use Intravascular Catheters - Part 4: Balloon Dilation Catheters (identical national adoption of ISO 10555 -4)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10555-5-200x, Sterile Single Use Intravascular Catheters - Part 5: Over-The-Needle Peripheral Intravascular Catheters (identical national adoption of ISO 10555-5)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 10993-200x, Biological evaluation of medical devices - Part 18: Chemical characterization of materials (identical national adoption of ISO 10993)

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO CV5840-199x, Cardiovascular Implants - Cardiac Valve Prostheses (identical national adoption of ISO CV5840 and revision of ANSI/AAMI/ISO 5840-2005)

ASTM (ASTM International)

BSR/ASTM WK57787-201x, New Practice for Specimen Preparation of Fenestration Profiles Intended to Support Non-Combustible In-Fill Materials (new standard)

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

GTESS (Georgia Tech Energy & Sustainability Services)

Office: 75 Fifth Street N.W
Suite 300
Atlanta, GA 30332-0640

Contact: *Deann Desai*

Phone: (770) 605-4474

Fax: (404) 894-8194

E-mail: deann.desai@innovate.gatech.edu

BSR/MSE 50009-201x, Guidance for multiple organizations implementing a common (ISO 50001) EnMS (identical national adoption of ISO 50009)

BSR/MSE/ISO 50021-201x, Energy management and energy savings - General guidelines for selecting energy savings evaluators (identical national adoption of ISO 50021)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 62443-4-2-201x, Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3378

E-mail: Karen.Willis@nema.org

BSR C136.18-201X, Standard for Roadway and Area Lighting EquipmentHigh-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (revision of ANSI C136.18-2006 (R2010))

BSR C136.48-201x, For Roadway and Area Lighting Equipment - Remote Monitoring and Controls (new standard)

NFRC (National Fenestration Rating Council)

Office: 6305 Ivy Lane
Suite 140
Greenbelt, MD 20770

Contact: *Robin Merrifield*

Phone: (240) 821-9513

Fax: (301) 589-3884

E-mail: rmerrifield@nfrc.org

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-Factors (revision of ANSI/NFRC 100-2017)

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2017)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: *Jason Snider*

Phone: (734) 418-6660

E-mail: jsnider@nsf.org

BSR/NSF 46-201x (i31r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2017)

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

Office: 1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Phone: (703) 524-6686

Fax: (703) 524-6686

E-mail: YMeding@resna.org

BSR/RESNA WC-3-201x, RESNA Standard for Wheelchairs - Volume 3: Wheelchair Seating (national adoption of ISO 16840-2, ISO 16840-3, ISO 16840-6, ISO TS 16840-12 with modifications and revision of ANSI/RESNA WC-3-2013)

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20191-4363

Contact: *Kent Perkins*

Phone: (703) 620-6003

E-mail: kperkins@rvia.org

BSR/RVIA UPA-1-201x, Uniform Plan Approval Recreational Vehicles (revision of ANSI/RVIA UPA-1-2014)

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210

Contact: *Jing Kwok*

Phone: (602) 281-4497

E-mail: jing.kwok@vita.com

BSR/VITA 67.1-201x, Coaxial Interconnect on VPX, 4 Position SMPM Configuration (revision of ANSI/VITA 67.1-2012)

BSR/VITA 67.2-201x, Coaxial Interconnect on VPX, 8 Position SMPM (revision of ANSI/VITA 67.2-2012)

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.

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 15.1-2007 (R2018), The Development of Technical Specifications for Research Reactors (reaffirmation of ANSI/ANS 15.1-2007 (R2013)): 4/10/2018

APTech (ASC CGATS) (Association for Print Technologies)

Reaffirmation

ANSI/CGATS/ISO 15930-4-2004 (R2018), Graphic technology - Prepress digital data exchange using PDF - Part 4: Complete exchange of CMYK and spot colour printing data using PDF 1.4 (PDF/X-1a) (reaffirmation of ansi/CGATS/ISO 15930-4:2004): 4/5/2018

ANSI/CGATS/ISO 15930-6-2004 (R2018), Graphic technology - Prepress digital data exchange using PDF - Part 6: Complete exchange printing data suitable for colour-manage workflows using PDF 1.4 (PDF/X-3) (reaffirmation of ANSI CGATS/ISO 15930-6 -2004 (R2009)): 4/5/2018

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

New Standard

ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (new standard): 4/2/2018

ASTM (ASTM International)

Reaffirmation

ANSI/ASTM E1660-1995A (R2018), Classification for Serviceability of an Office Facility for Support for Office Work (reaffirmation of ANSI/ASTM E1660-1995A (R2012)): 3/20/2018

ANSI/ASTM E1661-1995A (R2018), Classification for Serviceability of an Office Facility for Meetings and Group Effectiveness (reaffirmation of ANSI/ASTM E1661-1995A (R2012)): 3/20/2018

ANSI/ASTM E1662-1995A (R2018), Classification for Serviceability of an Office Facility for Sound and Visual Environment (reaffirmation of ANSI/ASTM E1662-1995A (R2012)): 3/20/2018

ANSI/ASTM E1664-1995A (R2018), Classification for Serviceability of an Office Facility for Layout and Building Factors (reaffirmation of ANSI/ASTM E1664-1995A (R2012)): 3/20/2018

ANSI/ASTM E1665-1995A (R2018), Classification for Serviceability of an Office Facility for Facility Protection (reaffirmation of ANSI/ASTM E1665-1995A (R2012)): 3/20/2018

ANSI/ASTM E1666-1995A (R2018), Classification for Serviceability of an Office Facility for Work Outside Normal Hours or Conditions (reaffirmation of ANSI/ASTM E1666-1995A (R2012)): 3/20/2018

ANSI/ASTM E1667-1995 (R2018), Classification for Serviceability of an Office Facility for Image to the Public and Occupants (reaffirmation of ANSI/ASTM E1667-1995 (R2012)): 3/20/2018

ANSI/ASTM E1668-1995A (R2018), Classification for Serviceability of an Office Facility for Amenities to Attract and Retain Staff (reaffirmation of ANSI/ASTM E1668-1995A (R2012)): 3/20/2018

ANSI/ASTM E1669-1995A (R2018), Classification for Serviceability of an Office Facility for Location, Access and Wayfinding (reaffirmation of ANSI/ASTM E1669-1995A (R2012)): 3/20/2018

ANSI/ASTM E1670-1995A (R2018), Classification for Serviceability of an Office Facility for Management of Operations and Maintenance (reaffirmation of ANSI/ASTM E1670-1995A (R2012)): 3/20/2018

ANSI/ASTM E1671-1995A (R2018), Classification for Serviceability of an Office Facility for Cleanliness (reaffirmation of ANSI/ASTM E1671-1995A (R2012)): 3/20/2018

ANSI/ASTM E1692-1995A (R2018), Classification for Serviceability of an Office Facility for Change and Churn by Occupants (reaffirmation of ANSI/ASTM E1692-1995A (R2012)): 3/20/2018

ANSI/ASTM E1693-1995 (R2018), Classification for Serviceability of an Office Facility for Protection of Occupant Assets (reaffirmation of ANSI/ASTM E1693-1995 (R2012)): 3/20/2018

ANSI/ASTM E1694-1995A (R2018), Classification for Serviceability of an Office Facility for Special Facilities and Technologies (reaffirmation of ANSI/ASTM E1694-1995A (R2012)): 3/20/2018

ANSI/ASTM E1701-1995 (R2018), Classification for Serviceability of an Office Facility for Manageability (reaffirmation of ANSI/ASTM E1701-1995 (R2012)): 3/20/2018

ANSI/ASTM E2320-2004 (R2018), Classification for Serviceability of an Office Facility for Thermal Environment and Indoor Air Conditions (reaffirmation of ANSI/ASTM E2320-2004 (R2012)): 3/20/2018

ANSI/ASTM E2833-2012 (R2018), Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection (reaffirmation of ANSI/ASTM E2833-2012): 3/20/2018

ANSI/ASTM F395-2010 (R2018), Terminology Relating to Vacuum Cleaners (reaffirmation of ANSI/ASTM F395-2010): 3/20/2018

ANSI/ASTM F486-2001 (R2018), Practice for Preparation of Use and Care Booklets for Vacuum Cleaners (reaffirmation of ANSI/ASTM F486-2001 (R2011)): 3/20/2018

ANSI/ASTM F994-1986 (R2018), Specification for Design and Installation of Overboard Discharge Hull Penetration Connections (reaffirmation of ANSI/ASTM F994-1986 (R2011)): 3/20/2018

ANSI/ASTM F998-2012 (R2018), Specification for Centrifugal Pump, Shipboard Use (reaffirmation of ANSI/ASTM F998-2012): 3/20/2018

ANSI/ASTM F1020-1986 (R2018), Specification for Line-Blind Valves for Marine Applications (reaffirmation of ANSI/ASTM F1020-1986 (R2011)): 3/20/2018

ANSI/ASTM F1173-2001 (R2018), Specification for Thermosetting Resin Fiberglass Pipe Systems to Be Used for Marine Applications (reaffirmation of ANSI/ASTM F1173-2001 (R2012)): 3/20/2018

ANSI/ASTM F1271-1990 (R2018), Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications (reaffirmation of ANSI/ASTM F1271-1990 (R2012)): 3/20/2018

ANSI/ASTM F1298-1990 (R2018), Specification for Flexible, Expansion-Type Ball Joints for Marine Applications (reaffirmation of ANSI/ASTM F1298-1990 (R2012)): 3/20/2018

ANSI/ASTM F1311-1990 (R2018), Specification for Large-Diameter Fabricated Carbon Steel Flanges (reaffirmation of ANSI/ASTM F1311-1990 (R2012)): 3/20/2018

ANSI/ASTM F1330-1991 (R2018), Guide for Metallic Abrasive Blasting to Descale the Interior of Pipe (reaffirmation of ANSI/ASTM F1330 -1991 (R2012)): 3/20/2018

ANSI/ASTM F1411-2011 (R2018), Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use (reaffirmation of ANSI/ASTM F1411-2011): 3/20/2018

ANSI/ASTM F1548-2001 (R2018), Specification for Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications (reaffirmation of ANSI/ASTM F1548-2001 (R2012)): 3/20/2018

ANSI/ASTM F2473-2012 (R2018), Test Method for Performance of Water-Bath Rethermalizers (reaffirmation of ANSI/ASTM F2473 -2012): 3/20/2018

ANSI/ASTM F2544-2011 (R2018), Test Method for Determining A-Weighted Sound Power Level of Central Vacuum Power Units (reaffirmation of ANSI/ASTM F2544-2011): 3/20/2018

ANSI/ASTM F2934-2012 (R2018), Specification for Circular Metallic Bellows Type Expansion Joint for HVAC Piping Applications (reaffirmation of ANSI/ASTM F2934-2012): 3/20/2018

ANSI/ASTM F2935-2012 (R2018), Specification for Chocks, Panama, Mooring Cast Steel (reaffirmation of ANSI/ASTM F2935-2012): 3/20/2018

ANSI/ASTM F2936-2012 (R2018), Specification for Chocks, Ship Mooring, Cast Steel (reaffirmation of ANSI/ASTM F2936-2012): 3/20/2018

Revision

ANSI/ASTM E2708-2018, Terminology for Accreditation and Certification (revision of ANSI/ASTM E2708-2017): 4/1/2018

ANSI/ASTM F1484-2018, Test Methods for Performance of Steam Cookers (revision of ANSI/ASTM F1484-2015): 3/20/2018

ANSI/ASTM F1696-2018, Test Method for Energy Performance of Stationary-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2015): 3/20/2018

ANSI/ASTM F2093-2018, Test Method for Performance of Rack Ovens (revision of ANSI/ASTM F2093-2011): 3/20/2018

ANSI/ASTM F2380-2018, Test Method for Performance of Conveyor Toasters (revision of ANSI/ASTM F2380-2004 (R2016)): 3/20/2018

AWS (American Welding Society)

New Standard

ANSI/AWS B2.1-1-016-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-1-017-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-1-019-2018, Standard Welding Procedure Specification (SWPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71 T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-1-020-2018, Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-1-021-2018, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) (new standard): 4/10/2018

ANSI/AWS B2.1-1-022-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-1-026-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

ANSI/AWS B2.1-8-023-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard): 4/10/2018

BICSI (Building Industry Consulting Service International)

Revision

ANSI/BICSI 004-18-2018, Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities (revision of ANSI/BICSI 004-2013): 4/5/2018

BIFMA (Business and Institutional Furniture Manufacturers Association)

Revision

ANSI/BIFMA X6.1-2018, Educational Seating (revision of ANSI/BIFMA X6.1-2012): 4/10/2018

ECIA (Electronic Components Industry Association)

New Standard

ANSI/EIA 225-A-2018, Rigid coaxial transmission lines 50 ohms (new standard): 4/5/2018

ESTA (Entertainment Services and Technology Association)

Revision

ANSI E1.6-2-2018, Entertainment Technology - Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision of ANSI E1.6-2-2013): 4/10/2018

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

New Standard

INCITS 540-2018, Information technology - Fibre Channel - Non-Volatile Memory Express (NVMe) (new standard): 4/5/2018

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 551-2018, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2012): 4/4/2018

NSF (NSF International)

Revision

* ANSI/NSF 2-2018 (i27r1), Food Equipment (revision of ANSI/NSF 2 -2015): 4/2/2018

ANSI/NSF 49-2018 (i115r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016): 4/6/2018

ANSI/NSF 49-2018 (i117r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016): 4/2/2018

RVIA (Recreational Vehicle Industry Association)

Revision

ANSI/RVIA TSIC-1-2018, Recommended Practice Process Controls for Assembly of Wheels on Trailers (revision of ANSI/RVIA TSIC-1 -2008 (R2013)): 4/10/2018

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Revision

ANSI B74.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2016): 4/5/2018

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 61215-1-2-2018, Standard for safety for terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-2): 4/3/2018

ANSI/UL 61215-1-3-2018, Standard for safety for terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-3): 4/3/2018

ANSI/UL 61215-1-4-2018, Standard for safety for terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film CU(In,GA)(S, Se) Based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-4): 4/3/2018

Reaffirmation

ANSI/UL 198M-2003 (R2018), Standard for Safety for Mine-Duty Fuses (reaffirmation of ANSI/UL 198M-2003 (R2013)): 4/4/2018

ANSI/UL 248-16-2004 (R2018), Standard for Safety for Low-Voltage Fuses - Part 16: Test Limiters (reaffirmation of ANSI/UL 248-16 -2004 (R2013)): 4/4/2018

ANSI/UL 4248-4-2007 (R2018), Standard for Safety for Fuseholders - Part 4: Class CC (reaffirmation of ANSI/UL 4248-4-2007 (R2012)): 4/4/2018

ANSI/UL 4248-5-2007 (R2018), Standard for Safety for Fuseholders - Part 5: Class G (reaffirmation of ANSI/UL 4248-5-2007 (R2012)): 4/4/2018

ANSI/UL 4248-6-2007 (R2018), Standard for Safety for Fuseholders - Part 6: Class H (reaffirmation of ANSI/UL 4248-6-2007 (R2012)): 4/4/2018

ANSI/UL 4248-9-2007 (R2018), Fuseholders - Part 9: Class K (reaffirmation of ANSI/UL 4248-9-2007 (R2012)): 4/4/2018

ANSI/UL 4248-11-2007 (R2018), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 4248-11-2007 (R2012)): 4/4/2018

ANSI/UL 4248-15-2007 (R2018), Standard for Safety for Fuseholders - Part 15: Class T (reaffirmation of ANSI/UL 4248-15-2007 (R2012)): 4/4/2018

Revision

ANSI/UL 508-2018, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2008): 3/30/2018

ANSI/UL 508-2018a, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2013): 3/30/2018

ANSI/UL 746B-2018b, Standard for Safety for Polymeric Materials Long-Term Property Evaluations (revision of ANSI/UL 746B-2018): 3/30/2018

* ANSI/UL 969-2018, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2017): 3/30/2018

ANSI/UL 969-2018a, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2017): 3/30/2018

ANSI/UL 1076-2018, Standard for Safety for Proprietary Burglar Alarm Units and Systems (revision of ANSI/UL 1076-2015): 4/6/2018

ANSI/UL 1076-2018a, Standard for Proprietary Burglar Alarm Units and Systems (revision of ANSI/UL 1076-2015): 4/6/2018

* ANSI/UL 2158-2018, Standard for Safety for Electric Clothes Dryers (Proposal dated 4-17-17) (revision of ANSI/UL 2158-2015): 4/6/2018

* ANSI/UL 2158-2018a, Standard for Safety for Electric Clothes Dryers (Proposal dated 10-27-17) (revision of ANSI/UL 2158-2015): 4/6/2018

VITA (VMEbus International Trade Association (VITA))

New Standard

ANSI/VITA 17.3-2018, Serial Front Panel Data Port (sFPDP) Gen 3.0 (new standard): 4/10/2018

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.

GTESS (Georgia Tech Energy & Sustainability Services)

Contact: Deann Desai, (770) 605-4474, deann.desai@innovate.gatech.edu
75 Fifth Street N.W, Suite 300, Atlanta, GA 30332-0640

BSR/MSE 50009-201x, Guidance for multiple organizations implementing a common (ISO 50001) EnMS (identical national adoption of ISO 50009)

Stakeholders: Government, utilities, organizations that use energy (users), energy service providers, consultants, and supply chain managers.

Project Need: To write a standard supporting the implementation of a common EnMS across multiple organizations that may be linked by geography (proximity or within the same administrative region), by sector, or by supply chain arrangements (including common energy suppliers or common customers). Additionally, this may assist Small and Medium-sized Entities (SMEs) which are unable to implement EnMS on their own and may lead to new markets for EnMS and improved energy management.

This document provides guidance for multiple organizations implementing a common Energy Management System (EnMS). This document is applicable to multiple organizations:
- in a geographical region;
- in a sector;
- that have a common customer (which typically will have mandated energy or carbon savings from its suppliers);
- that are all served by a common energy supplier or energy service provider;
- that are (or can be) constituted in an energy supply chain;
- that share the same energy objective;
- that are located in a single building or on an single industrial park.

This document does not include any requirements beyond those established in ISO 50001. This document also considers the cases when it is appropriate to establish an energy management committee to discuss and carry out common activities across multiple organizations. This document does not provide guidance on certifying a common EnMS, but provides guidance for establishing, implementing, maintaining, and improving a common EnMS for multiple organizations.

BSR/MSE/ISO 50004-201x, Energy management systems - Guidance for the implementation, maintenance and improvement of an energy management system (identical national adoption of ISO 50004:2014 and revision of ANSI/ISO/MSE 50004-2014)

Stakeholders: Government, consultants, energy users, energy producers, equipment manufacturers.

Project Need: The base requirement standard ISO 50001:2011 has been revised by TC 301. The guidance document is being updated to address the new requirements and additional information on implementation experiences gained in the last four years.

This document provides practical guidance and examples for establishing, implementing, maintaining, and improving an energy management system (EnMS) in accordance with the systematic approach of ISO 50001. The guidance in this Document is applicable to any organization, regardless of its size, type, location, or level of maturity. This Document does not provide guidance on how to develop an integrated management system. While the guidance in this Document is consistent with the ISO 50001 energy management system model, it is not intended to provide interpretations of the requirements of ISO 50001.

BSR/MSE/ISO 50021-201x, Energy management and energy savings - General guidelines for selecting energy savings evaluators (identical national adoption of ISO 50021)

Stakeholders: Government, energy users, energy producers, M&V organizations, utilities, organizations, equipment manufacturing organizations, those involved in commissioning.

Project Need: To develop the general competencies needed in the field of measurement and verification of energy savings.

This document specifies general principles and identifies key factors to be considered in the selection of energy savings evaluators who determine energy savings in projects, organizations, and regions. It also defines roles and responsibilities, specifies the required competence, and provides key elements for assessing knowledge and skills of energy savings evaluators. It will support ISO/IEC 17029.

BSR/MSE/ISO TS 50008-201x, Energy management and energy savings - Building energy data management for energy performance - Guidance for a systemic data exchange approach (identical national adoption of ISO TS 50008)

Stakeholders: BIS software developers, maintenance organizations, energy users, energy managers, utilities, service providers, ESCOs.

Project Need: This document helps the BIS design support a successful EnMS implementation of an EnMS. It also provides linkages for the maintenance and continual improvement of the EnMS utilizing the BIS capabilities.

This document provides guidance on how the energy management team in an organization can define, request, and regularly receive the data and information needed to implement an energy management system designed to continually improve energy performance in buildings. This guidance is useful when the data needs required by the energy management process are not easy to satisfy or can benefit from the implementation of automated processes. This data can be provided by human processes or by building automation, control, information technology, or even accounting systems. If these building information systems (BIS) are accessible by the energy management team (EnMT), they can facilitate providing data and information used for the activities in determining significant energy uses, managing to improve energy performance including energy consumption, energy efficiency, and energy use through the use of energy performance indicators.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169

BSR/NFPA 10-201x, Standard for Portable Fire Extinguishers (revision of ANSI/NFPA 10-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

The provisions of this standard apply to the selection, installation, inspection, maintenance, recharging, and testing of portable fire extinguishers and Class D extinguishing agents. The requirements given in this standard are minimum. The requirements shall not apply to permanently installed systems for fire extinguishment, even where portions of such systems are portable (such as hose and nozzles attached to a fixed supply of extinguishing agent).

BSR/NFPA 301-201x, Code for Safety to Life from Fire on Merchant Vessels (revision of ANSI/NFPA 301-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

The code addresses construction, arrangement, protection, and space utilization factors that are necessary to minimize danger to life from fire, smoke, fumes, or panic. It also provides for reasonable protection against property damage and avoidance of environmental damage consistent with the normal operation of vessels. Fundamental requirements applicable to all vessels are found in Chapters 1 through 9. These fundamental requirements are modified in Chapters 10 through 18 as applicable for any type of space. The requirements in Chapters 1 through 18 are modified in Chapters 19 through 21 as applicable for any given vessel type. For example, a passenger vessel would follow the requirements of Chapters 1 through 18 and Chapter 21. The code identifies the minimum criteria for the design of egress facilities so as to permit prompt escape of passengers and crew to safe areas aboard vessels and, where necessary, to survival-craft embarkation stations. The code recognizes that life safety is more than a matter of egress and, accordingly, deals with other considerations that are essential to life safety. It also recognizes the unique operating environment of merchant vessels and the relationships among life safety, property protection, and environmental protection and deals with these criteria accordingly. Where permanently moored and occupied as buildings, merchant vessels shall be permitted to be treated as buildings and shall be permitted to be subject to the provisions of appropriate building codes and standards as specified by the local authority having jurisdiction (AHJ).

BSR/NFPA 403-201x, Standard for Aircraft Rescue and Fire-Fighting Services at Airports (revision of ANSI/NFPA 403-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

This standard contains the minimum requirements for aircraft rescue and fire-fighting (ARFF) services at airports. Requirements for other airport fire protection services are not covered in this document.

BSR/NFPA 472-201x, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents (revision of ANSI/NFPA 472 -2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

This standard shall identify the minimum levels of competence required by responders to emergencies involving hazardous materials/weapons of mass destruction (WMD). This standard shall apply to any individual or member of any organization who responds to hazardous materials/WMD incidents. This standard shall cover the competencies for awareness level personnel, operations level responders, hazardous materials technicians, incident commanders, hazardous materials officers, hazardous materials safety officers, and other specialist employees.

BSR/NFPA 473-201x, Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents (revision of ANSI/NFPA 473-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

This standard identifies the levels of competence required of emergency medical services (EMS) personnel who respond to incidents involving hazardous materials or weapons of mass destruction (WMD). This document covers the requirements for basic-life-support and advanced-life-support personnel in the pre-hospital setting. This standard is based on the premise that all EMS responders are trained to meet at least the core competencies of the operations level responders as defined in Chapter 5 of NFPA 472.

BSR/NFPA 1123-201x, Code for Fireworks Display (revision of ANSI/NFPA 1123-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

This code shall apply to the following: (1) Construction, handling, and use of fireworks and equipment intended for outdoor fireworks display, and (2) Operation of the display (see 3.3.16, Fireworks Display).

BSR/NFPA 1143-201x, Standard for Wildland Fire Management (revision of ANSI/NFPA 1143-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest and need.

This standard provides minimum requirements to fire protection organizations on the management of wildland fire, including prevention, mitigation, preparation, and suppression.

BSR/NFPA 1144-201x, Standard for Reducing Structure Ignition Hazards from Wildland Fire (revision of ANSI/NFPA 1144-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

This standard provides a methodology for assessing wildland-fire ignition hazards around existing structures, residential developments, and subdivisions and improved property or planned property improvement that will be located in a wildland/urban interface area, and provides minimum requirements for new construction to reduce the potential of structure ignition from wildland fires.

BSR/NFPA 1403-201x, Standard on Live Fire Training Evolutions (revision of ANSI/NFPA 1403-2011)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

This standard shall contain the minimum requirements for training all fire-suppression personnel engaged in firefighting operations under live fire conditions. The minimum requirements for training shall comprise a basic system that can be adapted to local conditions to serve as a standard mechanism for live fire training. This standard shall not cover operational and maintenance practices for recreational vehicle parks and campgrounds.

BSR/NFPA 1971-201x, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting (revision of ANSI/NFPA 1971-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

Specifies the minimum design, performance, testing, and certification requirements for structural fire fighting protective ensembles and ensemble elements that include coats, trousers, coveralls, helmets, gloves, footwear, and interface components. This standard shall specify the minimum design, performance, testing, and certification requirements for proximity fire fighting protective ensembles and ensemble elements that include coats, trousers, coveralls, helmets, gloves, footwear, and interface components. This standard shall also specify optional requirements for particulate barrier protective hood interface components. This standard shall also specify additional optional requirements for structural fire fighting protective ensembles and proximity fire fighting protective ensembles that will provide limited protection from liquid and particulate hazards.

BSR/NFPA 1992-201x, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies (revision of ANSI/NFPA 1992 -2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

Specifies minimum requirements for the design, performance, testing, documentation, and certification for liquid splash–protective ensembles, ensemble elements, and protective clothing used by emergency response personnel during hazardous materials incidents. This standard shall specify requirements for new liquid splash–protective ensembles, new ensemble elements, and new protective clothing. Ensemble elements shall include garments, gloves, footwear, and hoods.

BSR/NFPA 1994-201x, Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents (revision of ANSI/NFPA 1994-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

Establishes the minimum requirements for the design, performance, testing, documentation, and certification of protective ensembles and ensemble elements used during hazardous materials and chemical, biological, radiological, or nuclear (CBRN) terrorism incidents. This standard shall establish requirements for protective ensembles and ensemble elements that are worn for a single exposure at incidents involving hazardous materials and CBRN terrorism agents. N This standard shall also establish requirements for ruggedized ensembles that can be used multiple times where there is no exposure to hazardous materials and CBRN terrorism agents and that provide a greater level of physical hazard resistance and increased durability. This standard shall also establish additional optional requirements for hazardous materials and CBRN protective ensembles for escape protection only from chemical flash fires encountered during hazardous materials and CBRN incidents. This standard shall also establish additional optional requirements for hazardous materials and CBRN protective ensembles addressing stealth characteristics of ensembles. This standard shall establish requirements for new hazardous materials and CBRN protective ensembles and ensemble elements.

BSR/NFPA 1999-201x, Standard on Protective Clothing and Ensembles for Emergency Medical Operations (revision of ANSI/NFPA 1999-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public need and interest.

Specifies the minimum design, performance, testing, documentation, and certification requirements for new single-use and new multiple-use emergency medical operations protective clothing, including garments, helmets, gloves, footwear, and face protection devices, used by emergency medical responders prior to arrival at medical care facilities, used by medical first receivers at medical care facilities during emergency medical operations, and used by health care workers providing medical and supportive care. This standard shall also specify additional minimum design, performance, testing, documentation, and certification as requirements for single-use and multiple-use emergency medical protective ensembles comprising the protective clothing items described in for protection from airborne and liquid-borne pathogens. This standard shall not be interpreted as specifying requirements for protection from chemical, biological, radioactive, and nuclear (CBRN) terrorism agents, from radiological agents, from hazardous chemicals, from flammable or explosive atmospheres, or from thermal hazards. This standard shall also specify requirements for respiratory protective devices that are not already covered in 42 CFR 84, “Approval for Respiratory Protective Devices," that are intended for emergency medical operations by first responders, first receivers, and health care workers providing medical and supportive care. Certification of all emergency medical ensemble elements and protective clothing items, and medical care facility ensemble elements and protective clothing items, as compliant with the requirements of this standard, shall not preclude certification to additional appropriate standards where the ensemble elements or protective clothing items meet all applicable requirements of each standard.

BSR/NFPA 2112-201x, Standard on Flame-Resistant Clothing for Protection of Industrial Personnel against Short-Duration Thermal Exposures from Fire (revision of ANSI/NFPA 2112-2018)

Stakeholders: Enforcers, users, manufacturers, special experts, consumer, installer/maintainers, labor, research/testing, insurance.

Project Need: Public interest.

The standard shall specify the minimum design, performance, testing, and certification requirements and test methods for flame-resistant garments, shrouds/hoods/balaclavas, and gloves for use in areas at risk from short-duration thermal exposure from fire.

NFRC (National Fenestration Rating Council)

Contact: Robin Merrifield, (240) 821-9513, rmerrifield@nfrc.org
6305 Ivy Lane, Suite 140, Greenbelt, MD 20770

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2017)

Stakeholders: Manufacturers and vendors of fenestration products or components, consumers and consumer advocacy organizations, construction and building professionals, education and research institutions, energy building code officials, organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 100 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

This standard specifies a method for determining fenestration product U-factor (thermal transmittance).

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2017)

Stakeholders: Manufacturers and vendors of fenestration products or components, consumers and consumer advocacy organizations, construction and building professionals, education and research institutions, energy building code officials, organizations concerned with energy efficiency.

Project Need: ANSI/NFRC 200 is necessary for the fenestration industry to accurately rate energy performance of products to enable code compliance and a fair marketplace.

This standard specifies a method for calculating solar heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.

NSF (NSF International)

Contact: Monica Leslie, (734) 827-5643, mleslie@nsf.org
789 N. Dixboro Road, Ann Arbor, MI 48105-9723

BSR/NSF 343-201x, Atmospheric Water Generators (new standard)

Stakeholders: Manufacturers, users, and public health regulators.

Project Need: The market size for atmospheric water generators has shown significant growth in recent years, in both the commercial and residential sectors. This standard will provide assurance to the consumer that minimum performance and safety requirements are being met.

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of atmospheric water generators designed to generate potable water from water vapor in air. This Standard will specify the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

RVIA (Recreational Vehicle Industry Association)

Contact: Kent Perkins, (703) 620-6003, kperkins@rvia.org
1896 Preston White Drive, P.O. Box 2999, Reston, VA 20191-4363

BSR/RVIA UPA-1-201x, Uniform Plan Approval Recreational Vehicles (revision of ANSI/RVIA UPA-1-2014)

Stakeholders: RV manufacturers, RV suppliers on components, Authorities Having Jurisdiction that have RV code oversight programs, RV Associations, RV Campgrounds and Parks, RV dealers, and RV consumers.

Project Need: There is a need to provide a uniform and systematic process for the submittal of required technical information to assure that all safety-related requirements addressed by the RV adopted standards are clearly identified and included in the respective submitted plans. This in turn assures a reasonable degree of safety and health for occupants using recreational vehicles.

This standard addresses plan approval requirements that specifically address the plumbing, electric, mechanical equipment, and components installed and located in recreational vehicles and outlines the criteria on how such plans are to be submitted for approval to authorities have jurisdiction or their agent.

VC (ASC Z80) (The Vision Council)

Contact: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org
225 Reinekers Lane, Alexandria, VA 22314

BSR Z80.3-201x, Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2018)

Stakeholders: Manufacturers of sunglasses and fashion eyewear to be sold in the U.S., opticians and eyecare practitioners who recommend and/or dispense (sell) such eyewear.

Project Need: Update standard content as needed for five-year ANSI review, specifically testing prism imbalance.

This standard applies to all nonprescription sunglasses and fashion eyewear, normally used for casual, dress, and recreational purposes, having lenses of substantially plano power. This standard specifically excludes products covered by ANSI Z87.1, ANSI Z80.1, ASTM F803, and high-impact resistance eyewear designed exclusively for designated sports use. Sunglass needs for aphakics may not be met by this standard.

BSR Z80.7-201x, Intraocular Lenses (revision of ANSI Z80.7-2013)

Stakeholders: Medical professionals, optical industry, medical device manufacturers, regulatory agencies, consultants, consumers.

Project Need: Update in keeping with ANSI's 5-year review process to include changes made in related ANSI documents and to update the biocompatibility test requirements and methods.

This standard applies to monofocal intraocular lenses (IOLs) whose primary indication is the correction of aphakia. This standard addresses the vocabulary, optical properties, and test methods, mechanical properties and test methods, biocompatibility, sterility, shelf-life and transport stability, and clinical investigations necessary for this type of device.

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)**
- **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.

ANS
American Nuclear Society

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

APTech (ASC CGATS)
Association for Print Technologies

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Web: www.printtechnologies.org

ASA (ASC S12)
Acoustical Society of America

1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

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

1791 Tullie Circle, NE
Atlanta, GA 30329-2305
Phone: (678) 539-1125
Fax: (678) 539-1125
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International

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

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWS
American Welding Society

8669 NW 36th Street
Suite #130
Miami, FL 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association

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

BICSI
Building Industry Consulting Service International

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

BIFMA
Business and Institutional Furniture Manufacturers Association

678 Front Ave. NW
Grand Rapids, MI 49504
Phone: (616) 980-9798
Fax: (616) 285-3765
Web: www.bifma.org

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

ECIA
Electronic Components Industry Association

2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

ESTA
Entertainment Services and Technology Association

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

GTESS
Georgia Tech Energy & Sustainability Services

75 Fifth Street N.W
Suite 300
Atlanta, GA 30332-0640
Phone: (770) 605-4474
Fax: (404) 894-8194
Web: www.innovate.gatech.edu

IEEE
Institute of Electrical and Electronics Engineers (IEEE)

445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

ISA (Organization)
International Society of Automation

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888
Fax: (202) 638-4922
Web: www.incits.org

NEMA (ASC C136)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3378
Web: www.nema.org

NFPA
National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NFRC
National Fenestration Rating Council

6305 Ivy Lane
Suite 140
Greenbelt, MD 20770
Phone: (240) 821-9513
Fax: (301) 589-3884
Web: www.nfrc.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903
Phone: (703) 524-6686
Fax: (703) 524-6686
Web: www.resna.org

RVIA
Recreational Vehicle Industry Association

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

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.uama.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3198
Fax: (847) 664-3198
Web: www.ul.com

VC (ASC Z80)
The Vision Council of North America

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913
Web: www.z80asc.com

VITA
VMEbus International Trade Association (VITA)

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

ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

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

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

Ordering Instructions

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

ISO Standards

AIR QUALITY (TC 146)

ISO/DIS 21877, Stationary source emissions - Determination of the mass concentration of ammonia - Manual method - 4/30/2018, $112.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 11231, Space systems - Probabilistic risk assessment (PRA) - 6/29/2018, $82.00

ISO/DIS 21886, Space systems - Configuration management - 6/22/2018, $93.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 7870-7, Control charts - Part 7: Multivariate control charts - 4/29/2018, $93.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 22510, Open data communication in building automation, controls and building management - Home and building electronic systems - KNXnet/IP communication - 4/29/2018, $215.00

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

ISO/DIS 20987, Simplified design guidelines for mechanical connections between precast concrete structural elements in buildings - 4/28/2018, $146.00

DENTISTRY (TC 106)

ISO/DIS 22457, Dentistry - Designation system for supernumerary teeth - 4/30/2018, $40.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 22018, Fertilizers, soil conditioners and beneficial substances - Determination of available phosphorus content in inorganic fertilizers - EDTA extraction method - 6/22/2018, $58.00

FLOOR COVERINGS (TC 219)

ISO 4918/DAmd1, Resilient, textile and laminate floor coverings - Castor chair test - Amendment 1 - 6/24/2018, $29.00

ISO/DIS 13746, Textile floor coverings - Guidelines for installation and use on stairs - 6/29/2018, $40.00

INDUSTRIAL TRUCKS (TC 110)

ISO/DIS 15871, Industrial trucks - Specifications for indicator lights for container handling and grappler arm operations - 6/24/2018, $33.00

ISO/DIS 3691-4, Industrial trucks - Safety requirements and verification - Part 4: Driverless industrial trucks and their systems - 4/29/2018, $119.00

MACHINE TOOLS (TC 39)

ISO/DIS 19085-11, Woodworking machines - Safety - Part 11: Combined machines - 4/29/2018, $107.00

ISO/DIS 19085-15, Woodworking machines - Safety - Part 15: Presses - 4/29/2018, $112.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 7438, Metallic materials - Bend test - 4/28/2018, $46.00

MICROBEAM ANALYSIS (TC 202)

ISO/DIS 20171, Microbeam analysis - Scanning electron microscopy - Tagged image file format for Scanning electron microscopy (TIFF/SEM) - 6/23/2018, $112.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 11482, Statistical guidelines for the estimation of sampling plans for uranium and plutonium oxide powders - 4/29/2018, $107.00

ISO/DIS 21391, Nuclear criticality safety - Geometrical nuclear criticality safety dimensions - 4/30/2018, $62.00

ISO/DIS 20890-1, In-service inspections for primary coolant circuit components of light water reactors - Part 1: Mechanized ultrasonic testing - 4/26/2018, $102.00

ISO/DIS 20890-2, In-service inspections for primary coolant circuit components of light water reactors - Part 2: Magnetic particle and penetrant testing - 4/26/2018, $62.00

ISO/DIS 20890-3, In-service inspections for primary coolant circuit components of light water reactors - Part 3: Hydrostatic testing - 4/26/2018, $40.00

ISO/DIS 20890-4, In-service inspections for primary coolant circuit components of light water reactors - Part 4: Visual testing - 4/26/2018, $62.00

ISO/DIS 20890-5, In-service inspections for primary coolant circuit components of light water reactors - Part 5: Eddy current testing of steam generator heating tubes - 4/26/2018, $71.00

ISO/DIS 20890-6, In-service inspections for primary coolant circuit components of light water reactors - Part 6: Radiographic testing - 4/26/2018, $112.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 8130-1, Coating powders - Part 1: Determination of particle size distribution by sieving - 4/27/2018, $46.00

ISO/DIS 8130-7, Coating powders - Part 7: Determination of loss of mass on stoving - 4/27/2018, $33.00

ISO/DIS 8130-11, Coating powders - Part 11: Inclined-plane flow test - 4/27/2018, $33.00

ISO/DIS 8130-12, Coating powders - Part 12: Determination of compatibility - 4/27/2018, $40.00

ISO/DIS 8130-13, Coating powders - Part 13: Particle size analysis by laser diffraction - 4/27/2018, $40.00

ISO/DIS 8130-14, Coating powders - Part 14: Terminology - 4/27/2018, $33.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 3015, Petroleum and related products from natural or synthetic sources - Determination of cloud point - 4/29/2018, $53.00

ISO/DIS 3016, Petroleum and related products from natural or synthetic sources - Determination of pour point - 4/29/2018, $53.00

PLASTICS (TC 61)

ISO/DIS 11343, Adhesives - Determination of dynamic resistance to cleavage of high-strength adhesive bonds under impact wedge conditions - Wedge impact method - 6/22/2018, $53.00

ISO/DIS 11963, Plastics - Polycarbonate sheets - Types, dimensions and characteristics - 6/29/2018, $40.00

ISO/DIS 21257, Plastics - Polymer Polyols for use in the production of polyurethane - Determination of the residual acrylonitrile and styrene monomer content by gas chromatography - 4/30/2018, $67.00

ISO/DIS 3451-1, Plastics - Determination of ash - Part 1: General methods - 4/29/2018, $40.00

ISO/DIS 6721-8, Plastics - Determination of dynamic mechanical properties - Part 8: Longitudinal and shear vibration - Wave-propagation method - 4/29/2018, $58.00

ISO/DIS 6721-9, Plastics - Determination of dynamic mechanical properties - Part 9: Tensile vibration - Sonic-pulse propagation method - 4/29/2018, $40.00

ISO/DIS 11833-1, Plastics - Unplasticized poly(vinyl chloride) sheets - Types, dimensions and characteristics - Part 1: Sheets of thickness not less than 1 mm - 6/29/2018, $71.00

ISO/DIS 11907-1, Plastics - Smoke generation - Determination of the corrosivity of fire effluents - Part 1: General requirements and applicability - 4/30/2018, $40.00

ISO/DIS 22526-1, Plastics - Carbon and environmental footprint of biobased plastics - Part 1: General principles - 6/22/2018, $46.00

ISO/DIS 22526-2, Plastics - Carbon and environmental footprint of biobased plastics - Part 2: Material carbon footprint, amount (mass) of CO2 removed from the air and incorporated into polymer molecule - 6/22/2018, $46.00

ISO/DIS 22526-3, Plastics - Carbon and environmental footprint of biobased plastics - Part 3: Process carbon footprint, requirements and guidelines for quantification - 6/22/2018, $58.00

POWDER METALLURGY (TC 119)

ISO/DIS 3252, Powder metallurgy - Vocabulary - 4/29/2018, $93.00

REFRIGERATION (TC 86)

ISO/DIS 19967-1, Heat pump water heaters - Testing and rating for performance - Part 1: Heat pump water heater for hot water supply - 6/21/2018, $98.00

ROAD VEHICLES (TC 22)

ISO/DIS 19380, Heavy commercial vehicles and buses - Centre of gravity measurements - Axle lift, Tilt-table, and stable pendulum test methods - 6/21/2018, $98.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 14309, Rubber, vulcanized or thermoplastic - Determination of volume and/or surface resistivity - 4/29/2018, $71.00

ISO/DIS 3384-1, Rubber, vulcanized or thermoplastic - Determination of stress relaxation in compression - Part 1: Testing at constant temperature - 6/22/2018, $67.00

ISO/DIS 3384-2, Rubber, vulcanized or thermoplastic - Determination of stress relaxation in compression - Part 2: Testing with temperature cycling - 6/22/2018, $62.00

STEEL WIRE ROPES (TC 105)

ISO/DIS 2232, Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes - Specifications - 6/22/2018, $77.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37104, Sustainable development in communities - Guidance for practical implementation in cities - 4/30/2018, $125.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 12620, Terminology and other language and content resources - Data category specifications - 6/24/2018, $62.00

TEXTILES (TC 38)

ISO/DIS 21084, Textiles - Method for determination of alkylphenols (AP) - 4/29/2018, $58.00

ISO/DIS 18254-2, Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 2: Method using NPLC - 4/30/2018, $67.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 11783-12, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 12: Diagnostics services - 4/30/2018, $102.00

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

ISO/DIS 21881, Sterile packaged ready for filling cartridges - 6/22/2018, $82.00

ISO/DIS 21882, Sterile packaged ready for filling vials - 6/22/2018, $67.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 6947, Welding and allied processes - Welding positions - 4/29/2018, $77.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 30106-1/DAmd1, Information technology - Object oriented BioAPI - Part 1: Architecture - Amendment 1: Additional specifications and conformance statements - 6/21/2018, $67.00

ISO/IEC DIS 20543, Information technology - Security techniques - Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408 - 4/28/2018, $112.00

ISO/IEC DIS 22243, Information technology - Radio frequency identification for item management - Methods for localization of RFID tags - 6/29/2018, $62.00

ISO/IEC DIS 25020, Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality measurement framework - 6/24/2018, $107.00

ISO/IEC DIS 19774-1, Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) - Part 1: Architecture - 6/21/2018, $98.00

ISO/IEC DIS 19774-2, Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) - Part 2: Motion capture - 6/21/2018, $98.00

IEC Standards

1/2355/CDV, IEC 60050-447 ED2: International Electrotechnical Vocabulary - Part 447: Measuring relays and protection equipment, 2018/6/29

3/1358/DC, IEC 61355: Classification and designation of documents for plants, systems and equipment - Revision, 2018/5/25

14/959/FDIS, IEC/IEEE 60076-16 ED2: Power transformers - Part 16: Transformers for wind turbine applications, 2018/5/18

20/1798/FDIS, IEC 60332-3-21 ED2: Tests on electric and optical fibre cables under fire conditions - Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R, 2018/5/18

20/1799/FDIS, IEC 60332-3-22 ED2: Tests on electric cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A, 2018/5/18

20/1800/FDIS, IEC 60332-3-23 ED2: Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B, 2018/5/18

20/1801/FDIS, IEC 60332-3-24 ED2: Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C, 2018/5/18

20/1802/FDIS, IEC 60332-3-25 ED2: Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D, 2018/5/18

20/1797/FDIS, IEC 60332-3-10 ED2: Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus, 2018/5/18

23G/402/FDIS, IEC 60320-2-4 ED2: Appliance couplers for household and similar general purposes - Part 2-4: Couplers dependent on appliance weight for engagement, 2018/5/18

23G/401/FDIS, IEC 60320-2-3 ED2: Appliance couplers for household and similar general purposes - Part 2-3: Appliance couplers with a degree of protection higher than IPX0, 2018/5/18

34A/2083/CD, IEC 60810/AMD1 ED5: Lamps, light sources and LED packages for road vehicles - Performance requirements, 2018/6/29

34A/2081/FDIS, IEC 62776/ISH1 ED1: Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications, 2018/5/18

34A/2082/CD, IEC 60809/AMD3 ED3: Lamps for road vehicles - Dimensional, electrical and luminous requirements, 2018/6/29

34A/2066/CDV, IEC 61167/AMD1 ED4: Metal halide lamps - Performance specification, 2018/6/29

40/2598/CDV, IEC 60384-16 ED3: Fixed capacitors for use in electronic equipment - Part 16: Sectional specification: Fixed metallized polypropylene film dielectric d.c. capacitors, 2018/6/29

46/684/FDIS, IEC 62153-4-8 ED2: Metallic cables and other passive components - Test methods - Part 4-8: Electromagnetic compatibility (EMC) - Capacitive coupling admittance, 2018/5/18

46C/1096/CDV, IEC 61156-5 ED3: Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal floor wiring - Sectional specification, 2018/6/29

46C/1097/CDV, IEC 61156-6 ED4: Multicore and symmetrical pair/quad cables for digital communications - Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Work area wiring - Sectional specification, 2018/6/29

46F/413/CD, IEC 61169-1-4 ED1: Radio-frequency connectors - Part 1 -4: Electrical test methods- voltage standing wave ratio, return loss and reflection coefficient, 2018/6/29

47/2464/CDV, IEC 62951-5 ED1: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 5: Test method for thermal characteristics of flexible materials, 2018/6/29

47/2476/NP, PNW 47-2476: Semiconductor devices - The classification of defects in gallium nitride epitaxial wafers on silicon carbide substrate, 2018/6/29

48B/2642/CD, IEC 60512-11-1 ED2: Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 11: Climatic tests - Section 1: Test 11a - Climatic sequence, 2018/6/29

57/1984/CD, IEC 61850-6-2 ED1: Communication networks and systems for power utility automation - Part 6-2: Configuration description language for extensions for human machine interfaces, 018/6/1/

64/2273/CD, IEC TR 60479-4 ED3: Effects of current on human beings and livestock - Part 4: Effects of lightning strokes, 2018/6/29

65/694/DC, Security for Industrial Automation and Control Systems - Part 1-2: Master Glossary of Terms and Abbreviations, 2018/5/18

90/402/FDIS, IEC 61788-24 ED1: Superconductivity - Part 24: Critical current measurement - Retained critical current after double bending at room temperature of Ag-sheathed Bi-2223 superconducting wires, 2018/5/18

121A/219/NP, PNW TS 121A-219: Security aspects of switchgear and controlgear, 2018/6/29

121A/220/CD, IEC 60947-4-3 ED3: Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - Semiconductor controllers and semiconductor contactors for non-motor loads, 2018/6/29

CIS/A/1248/CDV, CISPR 16-1-1 ED5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, 2018/6/29

CIS/H/357/CD, IEC 61000-6-3/AMD2/FRAG2 ED2: Amendment 2/ Fragment 2 - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments, 018/6/1/

CIS/H/358/CD, IEC 61000-6-3/AMD2/FRAG3 ED2: Amendment 2 - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments, 018/6/1/

SyCSmartEnergy/80/DTS, IEC TS 62913-1 ED1: Generic Smart Grid Requirements - Part 1: Specific application of the Use Case methodology for defining Generic Smart Grid Requirements according to the IEC System approach, 2018/6/29

Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 23041:2018, Space systems - Unmanned spacecraft operational procedures - Documentation, $138.00

ERGONOMICS (TC 159)

ISO 9241-11:2018, Ergonomics of human-system interaction - Part 11: Usability: Definitions and concepts, $162.00

FINE CERAMICS (TC 206)

ISO 19613:2018, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement of viscosity of ceramic slurry by use of a rotational viscometer, $103.00

FLUID POWER SYSTEMS (TC 131)

ISO 15552:2018, Pneumatic fluid power - Cylinders with detachable mountings, 1 000 kPa (10 bar) series, bores from 32 mm to 320 mm - Basic, mounting and accessories dimensions, $103.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 6892-2:2018, Metallic materials - Tensile testing - Part 2: Method of test at elevated temperature, $138.00

POWDER METALLURGY (TC 119)

ISO 4490:2018, Metallic powders - Determination of flow rate by means of a calibrated funnel (Hall flowmeter), $68.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO 9004:2018, Quality management - Quality of an organization - Guidance to achieve sustained success, $209.00

ROAD VEHICLES (TC 22)

ISO 16332:2018, Diesel engines - Fuel filters - Method for evaluating fuel/water separation efficiency, $185.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 20463:2018, Rubber and rubber products - Determination of combustion energy and carbon dioxide emission from biobased and non-biobased materials, $138.00

SMALL TOOLS (TC 29)

ISO 6787:2018, Assembly tools for screws and nuts - Adjustable wrenches, $45.00

SOIL QUALITY (TC 190)

ISO 14254:2018, Soil quality - Determination of exchangeable acidity using barium chloride solution as extractant, $45.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO 37157:2018, Smart community infrastructures - Smart transportation for compact cities, $68.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO 129-5:2018, Technical product documentation - Indication of dimensions and tolerances - Part 5: Dimensioning of structural metal work, $103.00

TEXTILES (TC 38)

ISO 20754:2018, Textiles - Man-made fibres - Determination of shape factors in cross section, $68.00

ISO Technical Reports

THERMAL INSULATION (TC 163)

ISO/TR 17772-2:2018, Energy performance of buildings - Overall energy performance assessment procedures - Part 2: Guideline for using indoor environmental input parameters for the design and assessment of energy performance of buildings, $209.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 19293:2018, Health informatics - Requirements for a record of a dispense of a medicinal product, $185.00

SAFETY OF MACHINERY (TC 199)

ISO/TS 19837:2018, Safety of machinery - Trapped key interlocking devices - Principles for design and selection, $162.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 20248:2018, Information technology - Automatic identification and data capture techniques - Data structures - Digital signature meta structure, $232.00

ISO/IEC 24752-8:2018, Information technology - User interfaces - Universal remote console - Part 8: User interface resource framework, $232.00

ISO/IEC 30114-2:2018, Information technology - Extensions of Office Open XML file formats - Part 2: Character repertoire checking, $68.00

ISO/IEC 14543-5-11:2018, Information technology - Home electronic systems (HES) architecture - Part 5-11: Intelligent Grouping and Resource Sharing for HES Class 2 and Class 3 - Remote user interface, $185.00

IEC Standards

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-39 Ed. 3.0 b:2018, Medical electrical equipment - Part 2 -39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment, $199.00

S+ IEC 60601-2-39 Ed. 3.0 en:2018 (Redline version), Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment, $259.00

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

IEC 60068-2-5 Ed. 3.0 en:2018, Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering, $164.00

S+ IEC 60068-2-5 Ed. 3.0 en:2018 (Redline version), Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering, $213.00

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

Antech Imaging Services

Public Review: March 9 to June 1, 2018

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 AN 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 ad 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.

Title Change

BSR/UL 969A-201x

The title of BSR/UL 969A-201x, a proposed ANS that appeared in the PINS section of the August 4, 2017 Standards Action has been changed.

The PINS title was: Standard for Safety for Marking and Labeling Systems for Cord Tag Labels and Wrap Around Cord or Cable Label.

The new title is: Standard for Marking and Labeling Systems for Cords and Hoses.

Inquiries may be directed to Megan Monsen, (847) 664-1292, megan.monsen@ul.com.

ANSI Accredited Standards Developers

Withdrawal of ASD Accreditation

American Forest & Paper Association (AFPA)

The ANSI accreditation of American Forest & Paper Association (AFPA) as a developer of American National Standards has been administratively withdrawn at the request of AFPA, effective April 4, 2018. AFPA currently maintains no American National Standards. For additional information, please contact: Mr. Jeff Bradley, Manager, Forest and Wood Product Policy, American Forest & Paper Association, 1101 K Street, NW, Suite 700, Washington, DC 20005; phone: 202.463.5177; e-mail: Jeff_Bradley@afandpa.org.

International Organization for Standardization (ISO)

Establishment of ISO Project Committee

ISO/PC 317 – Consumer Protection: Privacy by Design for Consumer Goods and Services

A new ISO Project Committee, ISO/PC 317 – Consumer protection: privacy by design for consumer goods and services, has been formed. The Secretariat has been assigned to the United Kingdom (BSI).

ISO/PC 317 operates under the following scope:

> Standardization in the field of consumer protection: privacy by design for consumer goods and services.

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

ISO/PC 318 – Community Scale Resource Oriented Sanitation Treatment Systems

A new ISO Project Committee, ISO/PC 318 – Community scale resource oriented sanitation treatment systems, has been formed. The Secretariat has been assigned to the United States (ANSI).

ISO/PC 318 operates under the following scope:

Standardization in the field of community scale resource oriented sanitation treatment systems.

Note:

The international standard will define requirements and test methods to ensure safety, performance, and sustainability of community-scale resource-oriented fecal sludge treatment units that serve approximately 1,000 to 100,000 people. The standard will apply to treatment units that (a) primarily treat human excreta, (b) are able to operate in non-sewered and off-grid environments, and (c) are prefabricated. The standard will not apply to sanitation treatment units requiring sewer infrastructure or electric grid access. Additionally, treatment units to which the standard will apply exhibit resource recovery capability (e.g., energy, drinking water, fertilizer) and are capable of being energy independent or energy net positive.

The standard is intended to ensure the general performance, safety, and sustainability of such units. The standard will exclude installation, selection, and maintenance and operation of such units.

ANSI has indicated its intent to administer the U.S. TAG.

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

Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Tableware, Giftware, Jewellery, Luminaries - Glass Clarity - Classification and Test Method, with the following scope statement:

The proposed International Standard will establish requirements for the use of the designations "clear glass" and "ultra-clear glass" for non-coloured glass according to their clarity and iron content. The standard will specify a procedure for measuring the clarity of glass items by means of a spectrophotometer.

The standard will cover:

- mineral glass, and

- glass in items where the glass component is not covered by coating or decoration, and is therefore accessible for sampling.

The scope of this International Standard includes glass used as tableware, giftware, jewellery and luminaries. It excludes glass used in construction work, containers, medicine and laboratories, or in other types of technical applications.

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, April 27, 2018.

ISO Proposal for a New Field of ISO Technical Activity

Karst

Comment Deadline: April 20, 2018

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

Standardization in the field of karst terminology, sustainable development of karst resources, environmental protection and management of karst environment, as well as investigation and assessment (including modeling methods and mapping of karst systems).

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, April 20, 2018.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO TC 279 – Innovation Management

Comment Deadline: May 14, 2018

The International Association of Innovation Professionals (IAOIP) has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 279, Innovation management and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Dr. Brett Trusko, President and CEO, International Association of Innovation Professionals, 4422 Castlewood Street, Suite 200, Sugar Land, TX 77479; phone: 925.858.0905; e-mail: brett@iaoip.org by May 14, 2018 (please copy jthompso@ansi.org).

Reaccreditation

U.S. TAG to ISO TC 176 – Quality Management and Quality Assurance

Comment Deadline: May 14, 2018

The U.S. Technical Advisory Group (TAG) to ISO Technical Committee 176, Quality management and quality assurance has submitted to ANSI revisions to the procedures under which it is currently accredited. 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 the TAG Administrator to the US TAG to ISO/TC 176: Ms. Jennifer Admussen, CQA, CQIA, Standards Manager, ISO Secretary – PC302, TC 176 SC 1, TC 207 SC 4, TC 69, ASQ, 600 N. Plankinton Avenue, Milwaukee, WI 53203; phone: 414.274.2100; e-mail: jadmussen@asq.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 UTMB by May 14, 2018, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Meeting Notices

Association of Challenge Course Technology (ACCT) Consensus Group Meetings

The ACCT Consensus Group will meet via conference calls for the purposes of:

Processing comments from the public comment period ending March 27th, 2018 for BSR/ACCT 03-201X

Location: ACCT Operations Conference Line

Meeting Dates: May 9th and June 13th, 2018

Time: 2 pm – 3:30 pm EST

These meetings are open to the public. Persons wishing to attend this meeting are required to pre-register by contacting Bill Weaver, ACCT Director of Operations, bill@acctinfo.org, 800-991-0286 at extension 2.

ASSE (ASC A10)

The American Society of Safety Engineers (ASSE) serves as the secretariat of the A10 Committee for Construction and Demolition Operations. The next meeting of the A10 Committee will be held on July 10, 2018 in Washington D.C. at the International Brotherhood of Electrical Workers (IBEW). The meeting will start at approximately 12:30 p.m. and go to conclusion. There will also be a Membership Subgroup Meeting held earlier that morning at 8:00 a.m. and a meeting of the liaisons and subgroup leadership teams that morning also at 9:30 a.m. We will have RSVP information out in the future but this is a notice so you have adequate time for planning. If you should have interesting in attending, please contact Timothy R. Fisher, American Society of Safety Engineers (ASSE): (847) 768-3411, TFisher@ASSE.Org

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Transaction Assurance in E-Commerce

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, and AFNOR, the national standards body for France, have submitted to ISO a proposal for a new field of ISO technical activity on Transaction Assurance in E-Commerce, with the following scope statement:

> Standardization in the field of "transaction assurance and upstream/downstream directly related processes in e-commerce", including the following:
>
> - The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
> - The protection of online consumer rights including both prevention of online disputes and resolution process;
> - The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce;
> - The assurance of e-commerce delivery to the final consumer.
>
> Excluded:
>
> - Management system standards already covered by ISO/TC 176;
> - Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
> - Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
> - Meta-standards of information interchange standards already covered by ISO/TC 154;
> - Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
> - Brand evaluation standards already covered by ISO/TC 289;
> - Online reputation standards already covered by ISO/TC290;
> - Financial services standards already covered by ISO/TC 68;
> - Identity management standards already covered by ISO/IEC/JTC1/SC27/WG5;
> - Meta-standards of data management and interchange already covered by ISO/IEC/JTC1/SC32;
> - Biometrics standards already covered by ISO/IEC/JTC1/SC37.

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68(Financial services), ISO/IEC/JTC1/SC27 (IT Security techniques)and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards.

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, April 27, 2018.

NSF/ANSI Standard
For Wastewater Technology –

Evaluation of components and devices used in wastewater treatment systems

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-
-

2 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated herein. The most recent published edition of the document shall be used for undated references.

American Public Health Association (APHA), American Water Works Association (AWWA) & Water Environment Federation (WEF): *Standard Methods for the Examination of Water and Wastewater* (hereinafter referred to as *Standard Methods*)[1]

ANSI/HI Pump Standards[2]

ASME B40.100 – 2005. Pressure Gauges and Gauge Attachments[3]

ASTM C1227-12. Standard Specification for Precast Concrete Septic Tanks[4]

NFPA 70®. *National Electrical Code*® (NEC®), 2011[5]

NSF/ANSI 40. Residential Wastewater Treatment Systems

NSF/ANSI 55. Ultraviolet Microbiological Water Treatment Systems

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9 Grinder pumps and related components

9.1 Scope

This section establishes requirements for grinder pumps under 13 horsepower and associated pump basins, including check and air or vacuum release valves included in the grinder pump package. It is

[1] Standard Methods for the Examination of Water and Wastewater <www.standardmethods.org>.

[2] Hydraulic Institute, 6 Campus Drive, First Floor North, Parsippany, NJ 07054-4406 <www.pumps.org>.

[3] American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016-5990 <www.asme.org>.

[4] ASTM International, 100 Barr Harbor Dr., West Conshohocken, PA 19428 <www.astm.org>.

[5] National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269-7471 <www.nfpa.org>.

intended for grinder pumps and related components used for pumping wastewater from residential sources.

Rationale – added HP to harmonize language with ANSI/HI Pump Standards

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-
-

9.4 Performance testing and evaluation

-
-
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9.4.1.2 Household item loading test

During the test period described in 9.4.1.3 and 9.4.1.4, household items shall be added to the pump basin in accordance with table 9.1. Items shall be loaded in the sequence indicated in table 1. At the end of each day, any household items remaining in the pump basin shall be manually fed to the pump. Discharged solids shall be removed from the water if the water is recycled during the test.

Rationale – corrected reference to table

~~NOTE —~~ This test shall be performed after the gap between the stationary and rotating cutting elements has been measured.

Rationale – As this is a requirement (use of the word "shall"), it should not be an informative NOTE.

Table 9.1 – Household items added to the pump basin

Item	Frequency
toilet tissue, 24 perforated sheets (wetted in test water)	4 times per d, 5 d per week
facial tissue	2 per d, 5 d per week
filter tip cigarette	1 per d, 5 d per week
egg	1 per d, 5 d per week
paper towel[1]	1 per d, 5 d per week
condom[1]	1 per d, 5 d per week
sanitary napkin[1] (wetted in test water)	1 per d, 5 d per week
chlorine laundry bleach[1] (8 oz)	1 per d, 5 d per week
cotton swab[1] (plastic stick)	1 per d, 5 d per week
disposable diaper[1] (children's size large)	1 per d, 5 d per week
tampon[1] (plastic applicator added separately)	1 per d, 5 d per week
adhesive bandage[1] (paper wrapper added separately)	1 per d, 5 d per week
dental floss (12-in piece)	1 per d, 5 d per week
alkali drain cleaner (8 oz)	1 per week, at random
Handi-wipe® [2] (or equivalent)	1 per week, at random
acidic drain cleaner (8 oz)	1 per week, at random
liquid animal fat (4 oz)	1 per week, at random
one pair of nylon panty hose (size large)	1 per week, at random

cloth diaper (wetted in test water)	1 time during test, at random
toothbrush	1 time during test, at random
wood pencil	1 time during test, at random
plastic table utensil	1 time during test, at random
metal bottle cap	1 time during test, at random
HDPE bottle cap	1 time during test, at random
metal, toy car (Matchbox®[3] or Hotwheels®[3] or equivalent)	1 time during test, at random
8-oz drinking glass (crushed)	1 time during test, at random

[1] Items added separately each day in succession.

[2] The Clorox Company, 1221 Broadway, Oakland, CA 94612

[3] Mattel, 333 Continental Blvd., El Segundo, CA 90245

●
●
●

9.5 Performance criteria for grinder pumps not utilizing wobble pump stators

9.5.1 Grinder pumps shall:

— not clog, jam, or show evidence of mechanical failure during the performance testing and evaluation;

— show no more than a 20% increase or 0.005" (whichever is greater) in the gap between the stationary and rotating cutting elements at the conclusion of the performance testing and evaluation; and
Rationale – provides realistic wear allowance for close running cutting mechanisms

— exhibit no operational problems with the control systems arising from the water used for testing or from the household items added to the pump basin as described in table 9.1.

The baseline curve in 9.4.1.1 shall be compared to the manufacturer's published hydraulic testing and performance curve (manufacturer's curve). All of the data collected for the baseline curve shall ~~plot within + 5% to - 3% of the manufacturer's curve in terms of both capacity and total head~~. meet or exceed the manufacturer's curve in terms of both capacity and total head.
Rationale – aligns with minimum performance criteria established in wobble stator section 9.5.2

After all of the testing contained in 9.4.1, the final curve (see 9.4.1.7) shall be compared to the baseline curve (see 9.4.1.1). All of the data collected for the final curve shall plot ~~within + 5% to - 5% of the baseline curve in terms of both capacity and total head~~ within 15% of the manufacturer's curve in terms of both capacity and total head.
Rationale – Aligns closer to ANSI/HI test standard for pumps under 13 HP & criteria established in Section 9.5.2

The check valve as well as the air and vacuum release valves included in the pump package shall not be impaired or fouled during, or at the completion of, the performance testing and evaluation of the grinder pump.

9.5.2 Performance criteria for grinder pumps utilizing wobble pump stators

Grinder pumps with wobble pump stators shall:

— not clog, jam, or show evidence of mechanical failure during the performance testing and evaluation;

— show no more than a 20% increase or 0.005" (whichever is greater) in the gap between the stationary and rotating cutting elements at the conclusion of the performance testing and evaluation;

Rationale – provides realistic wear allowance for close running cutting mechanisms

— remove solids and household items added to the pump basin as described in table 9.1 and show no significant accumulation of these materials; and

— exhibit no operational problems with the control systems arising from the water used for testing or the household items added to the pump basin as described in table 9.1.

The baseline curve in 9.4.1.1 shall be compared to the manufacturer's published hydraulic testing and performance curve (manufacturer's curve). All of the data collected for the baseline curve shall meet or exceed the manufacturer's curve in terms of both capacity and total head.

After all of the testing contained in 9.4.1, the final curve (see 9.4.1.7) shall be compared to the manufacturer's curve. All of the data collected for the final curve shall plot within 15% of the manufacturer's curve in terms of both capacity and total head.

The check valve as well as the air and vacuum release valves included in the pump package shall not be impaired or fouled during or at the completion of the performance testing and evaluation of the grinder pump.

BSR/UL 60745-2-15, Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-15: Particular Requirements for Hedge Trimmers

1. Proposed Revision To Clause 19.103DV To Clarify Minimum Number Of Handle Requirements For Extended Reach Hedge Trimmers

The following changes in requirements to the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers, UL 60745-2-15, are being proposed:

1. Proposed Revision To Clause 19.103DV To Clarify Minimum Number Of Handle Requirements For Extended Reach Hedge Trimmers

19.103 Cutting device

To safeguard against contact with the cutter blade, hedge trimmers shall be constructed to meet the requirements of one of the categories given in Table 101.

Table 101 - Hedge trimmer categories

Items with requirements	Category number and requirements			
	1	**2**	**3**	**4**
Cutting length	≤ 200 mm	> 200 mm	> 200 mm	> 200 mm
Number of handles	1	2	2	2
Number of handles with blade control	1	1	1	2
	(rear handle)	(rear handle)	(rear handle)	
Maximum blade stopping time (subclause 19.104)	No	No	3 s	1 s
Blade configuration figure	106	106	107	108
Lower barrier (subclause 19.105)	No	No	Yes	No

For category 3, the 19 mm test probe in Figure 107 shall not contact any blade tooth.

Blunt extensions shall extend over the full length of the cutting device for the blade configurations according to Figures 106 and 107. For cutting devices with blade configurations as shown in Figure 108, the blunt extensions shall reach a distance of at least 400 mm from any point of the rear face of the front handle (see Figure 109). If the front handle is located part way along the cutting device the blunt extensions shall start at the first blade tooth and continue until the 400 mm minimum distance beyond the rear of the front handle is reached.

Blunt extensions are not required for tools of category 4 with a blade configuration as shown in Figure 108 where there are only two handles and the front handle is permanently fixed to the smooth side of a single sided cutting device.

To provide blade visibility during use, at least 50 % of the area of the top surface of the cutting device of category 3 tools, excluding areas occupied by a warning label and the surfaces wiped by blade motion, shall be coloured with a highly visible durable bright-red, -yellow or -orange colour which sharply contrasts with green. The coloured portion shall extend for at least 90 % of the length of the cutting device measured from the outboard end.

Compliance is checked by inspection and measurement.

19.103DV D1 Modification: Replace 19.103 and Table 101 of this Part 2 with the following:

To safeguard against contact with the cutter blade, hedge trimmers shall be constructed to meet the requirements of one of the categories given in Table 101DV. For extended reach hedge trimmers, any cutting device category is acceptable with respect to “Cutting length”, “Number of handles”, and “Minimum number of handles with blade control” specifications. Extended reach hedge trimmers shall have a minimum of two handles and a blade control located in the rear handle. For extended reach hedge trimmers, blunt extensions and a "lower barrier" are not required. The “Maximum blade stopping time” for extended reach hedge trimmers is 3 s.

An extended-reach hedge trimmer shall be so constructed such that the shortest distance measured between the point of the blade control in the rear handle closest to the cutter blade and the nearest cutting edge of the cutter blade is at least 1 000 mm. If provided with an extendable shaft, the distance shall be measured with the shaft in its non-extended position.

Compliance is checked by inspection and by measurement.

Table 101DV - Hedge trimmer categories

Items with requirements	Category number and requirements				
	1	**2**	**3**		**4**
Cutting length	≤ 200 mm	> 200 mm	> 200 mm	> 200 mm	> 200 mm
Number of handles	1	2	2	2	2
Minimum number of handles with blade control	1	1	1	2	2
	(rear handle)	(rear handle)	(rear handle)		
Maximum blade stopping time (sub-clause 19.104)	No	No	3 s	3 s	1 s
Blade configuration figure	106	106	107	107	108DV
Lower barrier required(sub-clause 19.105)	No	No	Yes	No	No
Adjustable cutting device permitted (subclause 19.103ADV	No	No	No	Yes	No

Hedge trimmer category 3 (see Figure 107)

For category 3, the 19 mm test probe in Figure 107 shall not contact any blade tooth.

Blunt extensions shall extend over the full length of the cutting device for the blade configurations according to Figures 106 and 107.

Hedge trimmer category 4 (see Figure 108DV (a) and 108DV (b))

The minimum depth of the blunt extensions shall be no less than 8 mm as shown in Figure 108DV (a).

In addition, the distance between the blade teeth and the side of the (120 +1/-0 mm) test probe cylinder shall not be less than 4 mm when the test cylinder is positioned perpendicular to the plane of the cutting device and between two blunt extensions as shown in Figure 108DV (a).

For machines with blunt extensions that are not an integral part of the cutting device, the following additional requirement shall be met:

The distance between the end of the cutting plane between the cutter blades and the side of the test probe cylinder shall not be less than 4 mm when the test probe cylinder is positioned as shown in Figure 108DV(a) and then tilted around the ends of the blunt extensions up to an angle of 40° as shown in Figure 108DV (b).

Compliance is checked by inspection and by measurement.

To provide blade visibility during use, at least 50 percent of the area of the top surface of the cutting device of category 3 tools, excluding areas occupied by a warning label and the surfaces wiped by blade motion, shall be coloured with a highly visible, durable bright-red, bright-yellow or bright-orange colour which sharply contrasts with green. The coloured portion shall extend for at least 90 percent of the length of the cutting device measured from the outboard end. The blade visibility requirements do not apply to extended reach hedge trimmers.

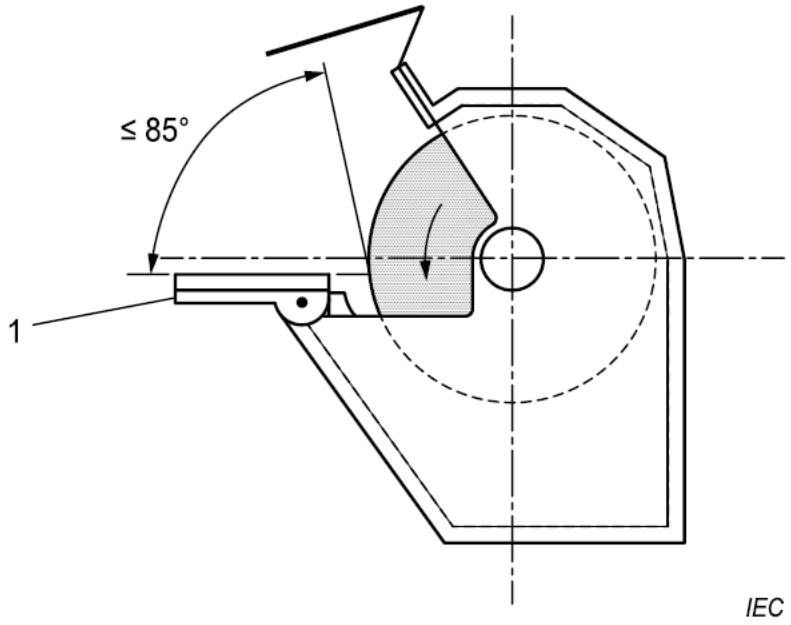
Compliance is checked by inspection and measurement.

BSR/UL 62841-3-4, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-4: Particular Requirements for Transportable Bench Grinders

1. Proposed Revision To Figure 104 To Align With Changes In IEC Corrigendum 1 Of IEC 62841-3-4

(CURRENT FIGURE 104)

Figure 104 – Bench grinder with inclinable work rest

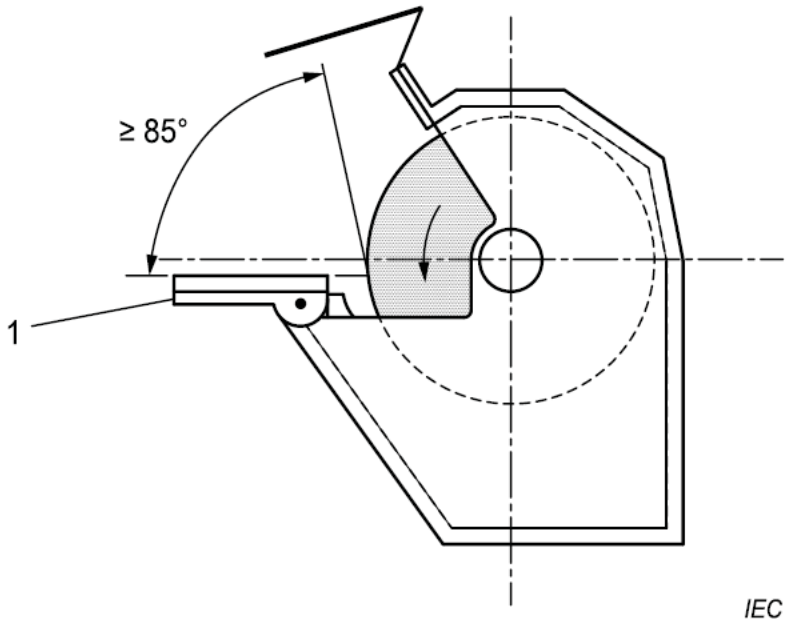


Key

1 adjustable **work rest**

(PROPOSED FIGURE 104)

Figure 104 – Bench grinder with inclinable work rest



Key

1 adjustable **work rest**

BSR/UL 62841-3-6, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-6: Particular Requirements for Transportable Diamond Drills and Liquid System

1. Proposed Revision To Table 4, Required Performance Levels, To Align With Changes In IEC Corrigendum 1 Of IEC 62841-3-6

Table 4 – Required performance levels

Type and purpose of SCF	Minimum Performance Level (PL)
Power switch – prevent unwanted switch-on	a
Power switch – provide desired switch-off	b
Provide desired direction of rotation	Not a SCF
Any electronic control to pass the test of 18.3	a
Overspeed prevention to prevent output speed above 130 % of rated (no-load) speed	a
Prevent exceeding thermal limits as in clause 18	a
~~Prevent self resetting as required in 23.3~~	a
Limiting device to comply with 19.103	c

BSR/UL 62841-3-10, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-10: Particular Requirements for Transportable Cut-Off Machines

1. Proposed Changes To Clause 19.101.2.1 To Clarify That Guarding Is Required If Any One Of The Three Elements Is Not Circular

19.101.2.1 Tools shall be provided with a combination of fixed and movable **wheel guards** that covers the areas 1, 2 and 3 of the tool as shown in Figure 103.

When the **cutting unit** is in the fully down position, area 1 is the area above a line parallel with the base which intersects the centre of the wheel. For any position of the **cutting unit**, the sides and periphery of the wheel, except the spindle end, the nut and the **outer flange**, shall be guarded in area 1.

If the spindle end, the nut and or the **outer flange** are not circular, they shall also be guarded.

When the **cutting unit** is in the **rest position**, area 2 is the area at the front of the tool between area 1 and at least 15° (angle ® in Figure 103 b) below a line parallel with the base which intersects the centre of the wheel. In **rest position**, the area 2 shall be guarded by a **wheel guard** which protects the periphery and both sides of at least the outer 20 % of the radius of the wheel.

When the **cutting unit** is in the fully down position, area 3 is the area at the back of the tool between area 1 and at least 15° (angle 〈 in Figure 103a) below a line parallel with the base which intersects the centre of the wheel. In the fully down position, the area 3 shall be guarded by a **wheel guard** which protects the periphery and both sides of at least the outer 10 % of the radius of the wheel.

Compliance is checked by inspection and by measurement.

When for technical reasons an overlapping occurs between the fixed and the movable **wheel guard**, care shall be taken to prevent access to the wheel in the overlapping area.

*Compliance is checked by applying the test probe of Figure 104 with a force not exceeding 5 N between the fixed **wheel guard** and the movable **wheel guard** in all positions. It shall not be possible to contact the wheel with the test probe.*

The movable **wheel guard** shall be either:

– link activated complying with the requirements of 19.101.2.2; or

– workpiece activated complying with the requirements of 19.101.2.3.

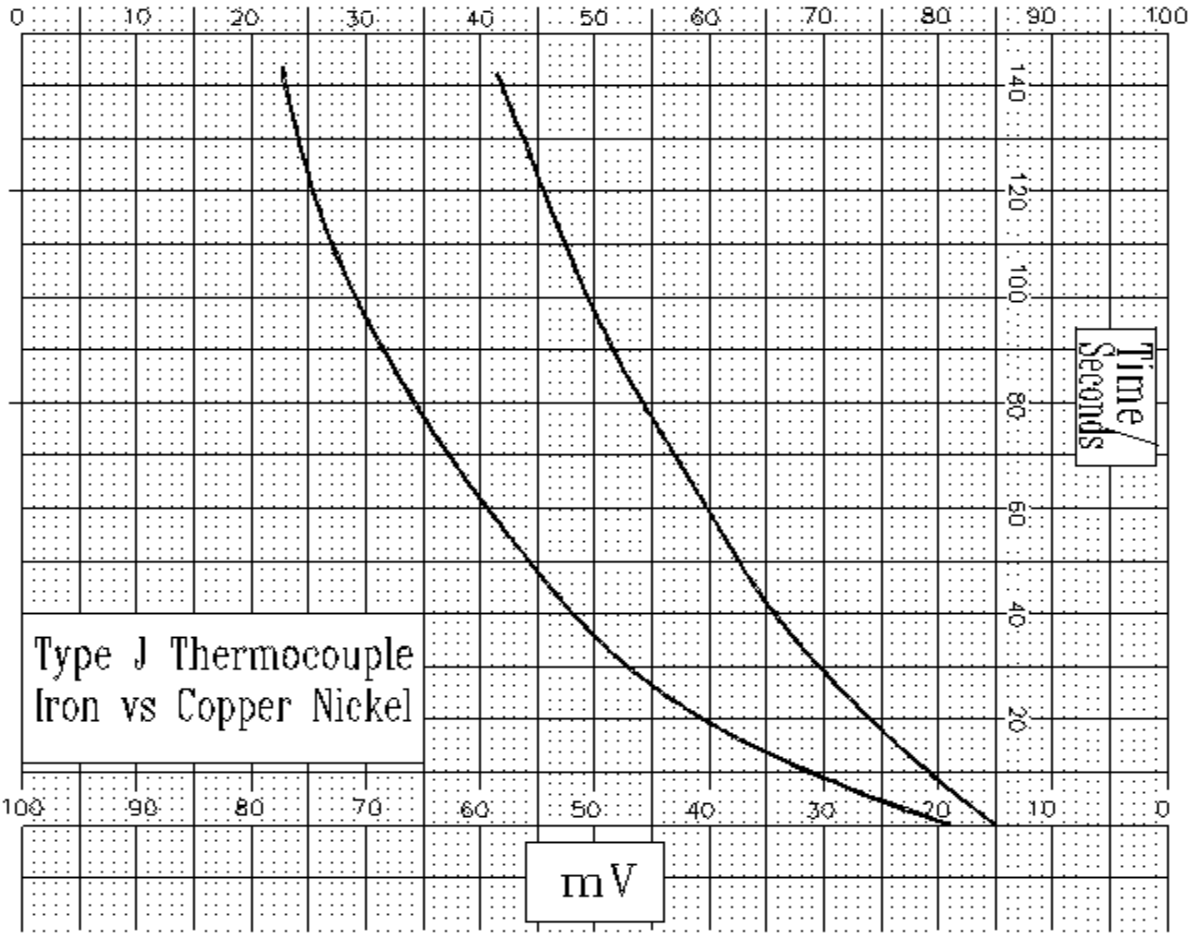
When the handle is released, the **cutting unit** shall return automatically to its **rest position** and the guarding of area 2 shall be restored.

NOTE Movable guards of this type are also known as self-restoring **guards**.

BSR/UL 539-201x, Standard for Safety for Single and Multiple Station Heat Alarms

1. Graph Modification for Fire Test Temperature Profile

(CURRENT)
Figure 27.1
Temperature profile UL 521/539 fire test
Time temperature limits



SU521A

(PROPOSED)

Figure 27.1

Temperature profile UL 521/539 fire test

Time temperature limits