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CONTENTS

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Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AAMI (Association for the Advancement of Medical Instrumentation)

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Addenda

BSR/AAMI ES60601-1-2005/A1-2012/A2-202x, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, Amendment 2 (addenda to ANSI/AAMI ES60601-1-2005 C1-2009 and A2 (R2012))

Stakeholders: Medical device/equipment manufacturers, medical/health regulatory bodies, test houses, clinicians, biomedical technicians, hospital/health service providers/personnel, design engineers.
Project Need: This Amendment 2 was deemed to be needed by the IEC National Committees to update references and issues that have surfaced since the publication of Amendment 1 in 2012. The national adoption of this Amendment is needed to ensure the complete adoption/national deviation of this important IEC standard.
IEC 60601-1 which has been adopted by U.S. as ES60601-1 contains requirements concerning basic safety and essential performance that are generally applicable to medical electrical equipment. This Amendment (A2) answers and provides guidance to the users of the 60601-1 on some of the issues that have been raised since the publication of the first Amendment. Please note that a vote was undertaken to defer many of the substantive issues to the next (4th) edition of 60601-1. However, it was noted that Amendment 2 will be written to address some of the pressing concerns which could not wait until the next edition. This Amendment updates many of the references, terminology as well as clarifies some of the clauses.

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Addenda

BSR/AAMI HA60601-1-11-2015/A1-202x, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare (addenda to ANSI/AAMI HA60601-1-11-2015)

Stakeholders: Medical device/equipment manufacturers, medical/health regulatory bodies, test houses, clinicians, biomedical technicians, hospital/health service providers/personnel, design engineers.
Project Need: IEC 60601-1 series of standards underwent amendments to ensure that all of the standards in the series will be up to date and to clarify urgent issues until the next editions of the standards. This Amendment is one of them. The national adoption of this Amendment is necessary to ensure the complete adoption of the IEC 60601-1-11 standard. IEC 60601-1-11 is one of the Collateral Standards under the umbrella of IEC 60601-1 series that covers the general aspects dealing with medical electrical equipment and systems used in home healthcare. Amendment 1 provides guidance and clarifies issues that have emerged since the publication of the main standard. This Amendment updates the references, terminology, as well as some of the clauses in the main standard. Some of the more substantive issues will be dealt with during the next edition of this standard.

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Addenda

BSR/AAMI/IEC 60601-1-12-2016/A1-202x, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-12-2016)

Stakeholders: Medical device/equipment manufacturers, medical/health regulatory bodies, test houses, clinicians, biomedical technicians, hospital/health service providers/personnel, design engineers.
Project Need: IEC 60601-1 series of standards underwent amendments to ensure that all of the standards in the series will be up to date and to clarify urgent issues until the next editions of the standards. This Amendment is one of them. The national adoption of this Amendment is necessary to ensure the complete adoption of the IEC 60601-1-12 standard. IEC 60601-1-12 is one of the Collateral Standards under the umbrella of IEC 60601-1 series that covers the general aspects dealing with medical electrical equipment and systems used in emergency medical services environment. Amendment 1 provides guidance and clarifies issues that have emerged since the publication of the main standard. This Amendment updates the references, terminology, as well as some of the clauses in the main standard. Some of the more substantive issues will be dealt with during the next edition of this standard.

Project Initiation Notification System (PINS)

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Addenda

BSR/AAMI/IEC 60601-1-2-2014/A1-202x, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and tests, Amendment 1 (addenda to ANSI/AAM/IEC 60601-1-2-2014)

Stakeholders: Medical device/equipment manufacturers, medical/health regulatory bodies, test houses, clinicians, biomedical technicians, hospital/health service providers/personnel, design engineers.
Project Need: IEC 60601-1 series of standards underwent amendments to ensure that all of the standards in the series will be up to date and to clarify urgent issues until the next editions of the standards. This Amendment is one of them. The national adoption of this Amendment is necessary to ensure the complete adoption of the IEC 60601-1-2 standard. IEC 60601-1-2 is one of the Collateral Standards under the umbrella of IEC 60601-1 series that covers the general aspects dealing with electromagnetic disturbances. Amendment 1 provides guidance and clarifies issues that have emerged since the publication of the main standard in 2014. This Amendment updates the references, terminology, as well as some of the clauses in the main standard. Some of the more substantive issues will be dealt with during the next edition of this standard.

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Addenda

BSR/AAMI/IEC 60601-1-8-2008/A2-202x, Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment, Amendment 2 (addenda to ANSI/AAMI/IEC 60601-1-8:2008 ANSI/AAMI/IEC 60601-1-8:2008/A1:2013)

Stakeholders: Medical device/equipment manufacturers, medical/health regulatory bodies, test houses, clinicians, biomedical technicians, hospital/health service providers/personnel, design engineers.
Project Need: IEC 60601-1 series of standards underwent amendments to ensure that all of the standards in the series will be up to date and to clarify urgent issues until the next editions of the standards. This Amendment is one of them. The national adoption of this Amendment is necessary to ensure the complete adoption of the IEC 60601-1-8 standard. IEC 60601-1-8 is one of the Collateral Standards under the umbrella of IEC 60601-1 series that covers the general aspects dealing with medical alarms. Amendment 2 provides guidance and clarifies issues that have emerged since the publication of the main standard and Amendment 1. This Amendment updates the references, terminology, as well as some of the clauses in the main standard. Some of the more substantive issues will be dealt with during the next edition of this standard.

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

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New Standard

BSR/AHRI Standard 560 (I-P)-202x, Absorption Water Chilling and Water Heating Packages (new standard)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices, and consumer or private organizations.
Project Need: This standard applies to single-effect steam and hot-fluid-operated water chilling units, double-effect steam and hot-fluid-operated water chilling units, and double-effect direct-fired (natural gas, oil, LP gas) water chilling/heating units. Also included are multiple-effect and multi-loop cycle absorption water chilling/heating units. This standard establishes a single set of testing and rating requirements for determining capacities, water pressure drops, integrated part load values (IPLV's) and application part load values (APLV's) for absorption water-chilling and water-heating packages; whereby equipment performance ratings can be compared from product to product.

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Revision

BSR/AHRI Standard 220-202x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (revision of ANSI/AHRI Standard 220-2015)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices, and consumer or private organizations.
Project Need: The purpose of this standard is to provide the methodology for the determination of Sound Power Levels of noise sources that emit Broadband Sound and/or Discrete Frequency Sounds/Tones in reverberation rooms.
This standard applies to HVAC products where sound power is determined by measurement using the Comparison Method in a reverberation room that meets the qualification requirements as defined in Section 4 of this standard.

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

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Revision

BSR/AHRI Standard 730 (I-P)-202x, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision of ANSI/AHRI Standard 730 (I-P)-2013)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices, and consumer or private organizations.
Project Need: The purpose of this standard is to establish, for refrigerant Suction Line Filters and Suction Line Filter Driers (which may be referred to in this standard as "filters"): definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.
This standard applies to Suction Line Filters and Suction Line Filter Driers for use in systems employing refrigerants, R-22, R-134a, R-245fa, R-290, R-404A, R-407A, R-407C, R-410A, R-448A, R-449A, R-507A, R-513A, R-600a, and R-744 as defined in ANSI/ASHRAE 34 with Addenda.

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Revision

BSR/AHRI Standard 731 (SI)-202x, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision of ANSI/AHRI Standard 731 (SI)-2013)

Stakeholders: Groups and individuals such as manufacturers, trade organizations, technical societies, professional associations, associations representing users or owners of the equipment involved, appropriate government agencies or offices, and consumer or private organizations.
Project Need: The purpose of this standard is to establish, for refrigerant Suction Line Filters and Suction Line Filter Driers (which may be referred to in this standard as "filters"): definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.
This standard applies to Suction Line Filters and Suction Line Filter Driers for use in systems employing refrigerants, R-22, R-134a, R-245fa, R-290, R-404A, R-407A, R-407C, R-410A, R-448A, R-449A, R-507A, R-513A, R-600a, and R-744 as defined in ANSI/ASHRAE 34 with Addenda

Project Initiation Notification System (PINS)

ASC X9 (Accredited Standards Committee X9, Incorporated)

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Reaffirmation

BSR X9.100-181-2014 (R202x), TIFF Image Format for Image Exchange (reaffirmation of ANSI X9.100-181-2014)

Stakeholders: Banks, check manufacturers, software vendors, service providers, auditors.
Project Need: This standard conveys the state of the art in the industry's thinking about image quality from the perspective of developing common infrastructure and business practices. It is intended for bank managers, technical support personnel, and vendors to the industry who are involved in the provision of image-supported check electronification.
The scope of this standard is to define specific TIFF fields and parameters for check image exchange and the allowable values for those parameters. This standard will only address the use of G4 bilevel image (black/white) compressions within the TIFF 6.0 structure. A "least common denominator" approach was used to identify the fields that everyone should read and the required or allowable values for these fields that everyone will be expected to support. To accomplish interoperability, some of the fields and values are more restrictive compared to what is being generated in today's environment. In addition, this standard clarified areas that have been interpreted in different ways.

ATIS (Alliance for Telecommunications Industry Solutions)

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Supplement

BSR/ATIS 0300251.a-202x, Supplement to Structure for the Representation of Service Providers for Information Exchange (supplement to ANSI/ATIS 0300251-2020)

Stakeholders: Communications industry.
Project Need: The purpose of this Supplement is to add Clause 5.7, Retired/Expired Codes, to Clause 5, Code Assignment Process in ATIS 0300251.
This Supplement provides modifications to ATIS 0300251, Structure for the Representation of Service Providers for Information Exchange.

ECIA (Electronic Components Industry Association)

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Revision

BSR/EIA 364-10J-202x, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA 364-10H-2019)

Stakeholders: Electronics, Electrical, and Telecommunications industries.
Project Need: Revise and redesignate the current American National Standard.
This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life.

Project Initiation Notification System (PINS)

IAPMO (3) (International Association of Plumbing & Mechanical Officials)

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New Standard

BSR/ASSE Standard 1003-202x, Performance Requirements for Water Pressure Reducing Valves for Potable Water Distribution Systems (new standard)

Stakeholders: Plumbing and construction.
Project Need: This standard is referenced in the US Plumbing codes.
The purpose of a water-pressure-reducing valve for domestic water distribution systems (referred to as the "device" in this standard) is to reduce static and flowing pressures in water distribution systems. Devices covered by this standard are self-contained, direct-acting, single-diaphragm types.

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

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New Standard

BSR/ASSE Standard 1012-202x, Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent (new standard)

Stakeholders: Plumbing and construction.
Project Need: This standard is referenced in the US Plumbing and Building codes. There is a need for this standard to be an American National Standard.
Backflow Preventers with Intermediate Atmospheric Vent (referred to as the "device"in this standard) are installed in the plumbing system to prevent backflow into potable water supply lines when pressure is temporarily higher in the polluted part of the system than in the potable water piping.

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

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New Standard

BSR/ASSE Standard 1049-202x, Performance Requirements for Individual and Branch Type Air Admittance Valves for Chemical Waste Systems (new standard)

Stakeholders: Plumbing and construction.
Project Need: These devices are designed to allow air to enter the plumbing drainage system when a pressure less than atmospheric develops to prevent the contamination of the potable water source. There are no other standards which address the performance of these devices.
Individual and Branch-Type Air Admittance Valves for Chemical Waste Systems (AAVCs) (referred to as "device" in this standard) are devices used in chemical waste systems to prevent the siphonage of trap seals. These devices do not relieve back pressure; they only allow air to enter the system. These devices are designed to be used for individual fixtures or for a horizontal branch serving multiple fixtures. When the devices are installed in a building, there shall be at least one (1) open vent terminal to relieve positive pressure which extends to the atmosphere outside of the building serving the same building drain on which these devices are installed. These devices shall not be installed in an area with a constant air pressure differential greater than ± 0.3 inches (7.6 mm) WC.

Project Initiation Notification System (PINS)

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New Standard

BSR/ASSE Standard 1050-202x, Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems (new standard)

Stakeholders: Plumbing and construction.
Project Need: This standard is referenced in the US Plumbing and Building code. There is a need to have this standard as an American National Standard.
Stack Air Admittance Valves (AAVs) for Sanitary Drainage Systems (referred to as "device" in this standard) are devices used in plumbing drainage systems to prevent the siphonage of water trap seals. These devices do not relieve back pressure; they only allow air to enter the system. These devices are designed to be installed on stacks where branches on multiple floors are connected.

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New Standard

BSR/ASSE Standard 1051-202x, Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems (new standard)

Stakeholders: Plumbing and construction.
Project Need: This standard is referenced in the US plumbing and building codes. There is a need to have this standard as an American National Standard.
Individual and Branch-Type Air Admittance Valves (AAVs) for Sanitary Drainage Systems (referred to as "device" in this standard) are devices used in plumbing drainage systems to prevent the siphonage of water trap seals. These devices do not relieve back pressure; they only allow air to enter the system. These devices are designed to be used for individual fixtures or for a horizontal branch serving multiple fixtures.

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

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New Standard

BSR/IAPMO Z1123.1-202x, Method for Risk Assessment, Laboratory Assessment, and Labeling Procedures to Verify Compliance of Products or Materials with California Proposition 65 Requirements - Water Treatment Products (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.
Project Need: Needed for testing and certification purposes.
This standard establishes guidelines for laboratory testing and risk assessment methods to aid manufacturers in determining if a product would be expected to cause significant exposure to identified chemicals in accordance with California Proposition 65 requirements. This standard applies to water treatment products.

Project Initiation Notification System (PINS)

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New Standard

BSR/IAPMO Z1123.2-202x, Method for Risk Assessment, Laboratory Assessment, and Labeling Procedures to Verify Compliance of Products or Materials with California Proposition 65 Requirements - Building Products (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.
Project Need: Needed for testing and certification purposes.
This standard establishes guidelines for laboratory testing and risk assessment methods to aid manufacturers in determining if a product would be expected to cause significant exposure to identified chemicals in accordance with California Proposition 65 requirements. This standard applies to building products.

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

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New National Adoption

INCITS/ISO/IEC 19086-2:2018 [202x], Cloud computing - Service level agreement (SLA) framework - Part 2: Metric model (identical national adoption of ISO/IEC 19086-2:2018)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Establishes common terminology, defines a model for specifying metrics for cloud SLAs, and includes applications of the model with examples. This document establishes a common terminology and approach for specifying metrics. Is for the benefit of and use for both cloud service providers (CSPs) and cloud service customers (CSCs). This document is intended to complement ISO/IEC 19086-1, ISO/IEC 19086-3, and ISO/IEC 19086-4. This document does not mandate the use of a specific set of metrics for cloud SLAs.

NECA (National Electrical Contractors Association)

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Revision

BSR/NECA 407-202X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2015)

Stakeholders: Electrical contractors, electrical engineers, building owners, facility maintenance engineers.
Project Need: National Electrical Installation Standards (developed in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner. This Standard describes installation and maintenance procedures for panelboards, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water. This Standard applies to panelboards rated 600 Volts or less, AC and DC, with main disconnects or lugs, and with feeder or branch circuit overcurrent devices. This Standard applies to single panelboards and multi-section panelboards that are installed in the field and used for distributing power for commercial, institutional, and industrial loads in nonhazardous locations both indoors and outdoors.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE DSS 128-202x, DPoE Architecture Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
This specification describes the version 2.0 architecture for DPoE Networks. Existing business services include one or more DOCSIS IP services, baseband and broadband Ethernet services over coaxial cable, IP and Ethernet over fiber with baseband and broadband (Course Wavelength Division Multiplexing (CWDM) and Dense Wavelength Division Multiplexing (DWDM)), Broadband Passive Optical Network (BPON), Ethernet Passive Optical Network (EPON), and wireless services. The majority of business services (and all residential Internet and voice) customers are supported by the DOCSIS systems and processes. The maturity of both the technology and the back office systems and processes allows for a high degree of scaling as evidenced by the growth of IP(HSD) (residential broadband) and more recently voice service, using these existing processes and systems.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE DSS 129-202x, DPoE IP Network Element Requirements (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
As the name suggests, the scope for this document is the MAC and upper layer protocols for DPoE Networks. The MAC in DPoE Networks is EPON. This specification does not place any additional requirements on the EPON MAC beyond the [802.3] specifications for EPON. The first set of requirements is for the support of DOCSIS-based Operations Administration Maintenance and Provisioning (OAMP) for the MAC and upper layer protocols as specified in [MULPIv3.0]. The second set of requirements is in addition to the above functionality traffic classification (as provisioned) and traffic forwarding (as both provisioned and according to the requirements set forth in this specification).

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New Standard

BSR/SCTE DSS 130-202x, DPoE Metro Ethernet Forum Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
This document describes the DPoE Network version 2.0 provisioning and operations requirement to support Metro Ethernet Services in DPoE Networks, which use EPON as defined in [802.3].

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New Standard

BSR/SCTE DSS 131-202x, DPoE Metro Ethernet Forum Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
As the name suggests, the scope for this document is the MAC and upper layer protocols for DPoE Networks. The MAC in DPoE Networks is EPON. This specification does not place any additional requirements on the EPON MAC beyond the [802.3] specifications for EPON. The first set of requirements is for the support of DOCSIS-based Operations Administration Maintenance and Provisioning (OAMP) for the MAC and upper layer protocols as specified in [MULPIv3.0]. The second set of requirements is in addition to the above functionality traffic classification (as provisioned) and traffic forwarding (as both provisioned and according to the requirements set forth in this specification).

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New Standard

BSR/SCTE DSS 132-202x, DPoE OAM Extensions Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
Since the vCM operates on the DPoE System (instead of the D-ONU), a means of communication from the vCM to the D-ONU is required. The D-ONU does not require an IP stack. Therefore, [802.3] standard EPON OAM is used for messaging between the vCM on the DPoE System and the D-ONU. The OAM Extensions specified here provide additional means for such messaging for parameters not supported in the [802.3] standard EPON OAM. The [802.3] specifications allow vendor-specific OAM extensions. This document describes the usage of this extension feature to provide for a common set of OAM extensions to support interoperability between all vendors that choose to develop products in accordance with the DPoE specifications.

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New Standard

BSR/SCTE DSS 133-202x, DPoE Operations and Support System Interface Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
This specification identifies requirements for the adaptation or additions to DOCSIS specifications that are required to support DPoE Networks related to the Operations Support System functional area.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE DSS 134-202x, DPoE Physical Layer Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
This specification identifies requirements for the EPON PHY for the adaptation or additions to DOCSIS specifications that are required to support DOCSIS Provisioning of EPON.

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140 Philips Rd, Exton, PA 19341 www.scte.org

New Standard

BSR/SCTE DSS 135-202x, DPoE Security and Certification Specification (new standard)

Stakeholders: Cable Telecommunications industry.
Project Need: Create new standard.
This specification identifies recommendations for the adaptation or additions to DOCSIS specifications that are required to support DOCSIS Provisioning of EPON (DPoE).

UL (Underwriters Laboratories)

Contact: Vickie Hinton (919) 549-1851 Vickie.T.Hinton@ul.org
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 https://ul.org/

New Standard

BSR/UL 60079-33-202X, Standard for Safety for Explosive Atmospheres - Part 33: Equipment Protection by Special Protection s (new standard)

Stakeholders: Industry for electrical equipment, parts of electrical equipment and Ex components with special protection “s” used in explosive atmospheres; testing and certification organizations; hazardous locations experts.
Project Need: To obtain national recognition of a standard covering specific methodology for the assessment and testing, and requirements for marking of electrical equipment, parts of electrical equipment and Ex components with special protection “s”. This standard supplements and modifies the general requirements of UL 60079-0.
There is currently a gap in the standards that makes it more difficult to evaluate and have a certification for methods of protection that are not already defined. This standard would allow for a way to evaluate products that do not fit into the already defined Types of Protection. This is not a way for a product that is designed as defined by one of the existing Types of Protection to be certified if it does not pass the criteria of the already defined method of protection. This, instead, is intended for new concepts and new ideas that are developed for protection that do not, for some reason, fit within the evaluation criteria of an already established standard. This product standard would be a US adoption of the standard developed by TC31 of the IEC. This standard would be used by manufacturers for product development and Nationally Recognized Test Laboratories (NRTL) for the evaluation of product.

Call for Comment on Standards Proposals

American National Standards

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

Ordering Instructions for "Call-for-Comment" Listings

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

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail:psa@ansi.org
* Standard for consumer products

Comment Deadline: October 11, 2020

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

1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum j to BSR/ASHRAE Standard 15-202x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

This addendum modifies ANSI/ASHRAE Standard 15 by removing language that changes the currently used term of "nonflammable" when referencing refrigerants classified as A1 or B1 by ANSI/ASHRAE Standard 34 to refer to the class instead.

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

NSF (NSF International)

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

Revision

BSR/NSF 350-202x (i50r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)

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

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

Comment Deadline: October 11, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0973 w: https://ul.org/

New National Adoption

BSR/UL 12402-9-202X, Standard for Personal Flotation Devices - Part 9: Test Methods (identical national adoption of ISO 12402-9 and revision of ANSI/UL 12402-9-2015)

UL proposes a recirculation of the ballot dated 6-26-2020.

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

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4269 w: https://ul.org/

Revision

BSR/UL 521-202x, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2019)

Document dated September 11, 2020 recirculates changes to Topics 1 (Stability Test Revisions) and 2 (Oven Test Clarification) originally proposed in document dated June 12, 2020.

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

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1007 w: https://ul.org/

Revision

BSR/UL 588-202X, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2018)

This proposal modifies the Scope to align with the existing Supplement SD.

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 674-202x, Standard for Safety for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations (revision of ANSI/UL 674-2017)

This proposal for UL 674 covers: Revision to replace UL 508C reference with UL 61800-5-1 in Annex B and CSA standards referenced in Annex B as well as their corresponding entries in Annex A.

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

Comment Deadline: October 26, 2020

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 076-202x, Standard for Training and Certification of Canine Detection of Human Remains: Human Remains on Land (new standard)

To state requirements for the training, certification, and documentation pertaining to canine teams trained to search for human remains on land. This document does not cover mass disaster victim location canine activities, which are covered under separate standards.

Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//
Order from: Document will be provided electronically on AAFS Standards Board website http://www.asbstandardsboard.org/ free of charge.
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 130-202x, Standard for Training in Forensic DNA Amplification Methods for Subsequent Capillary Electrophoresis Sequencing (new standard)

This standard provides the general requirements for a forensic DNA laboratory's training program in forensic DNA amplification methods for subsequent capillary electrophoresis (CE) sequencing. This standard applies to forensic human and wildlife mitochondrial DNA amplification, and wildlife nuclear DNA amplification. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the original public comment period will not be accepted.

Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation*. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: All ASB Documents are available on the Published Documents portion of the ASB website: www.asbstandardsboard.org
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 131-202x, Standard for Training in Forensic DNA Sequencing using Capillary Electrophoresis (new standard)

This standard provides the general requirements for a forensic DNA laboratory's training program in forensic DNA sequencing using capillary electrophoresis. This standard applies to forensic human and wildlife mitochondrial DNA capillary electrophoresis sequencing, and wildlife nuclear DNA capillary electrophoresis sequencing. Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the original public comment period will not be accepted.

Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation*. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: All ASB Documents are available on the Published Documents portion of the ASB website: www.asbstandardsboard.org
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 26, 2020

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 140-202x, Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Statistical Evaluation, and Reporting (new standard)

This document provides the requirements for a forensic DNA laboratory's training program in forensic human mitochondrial DNA (mtDNA) analysis, interpretation, statistical evaluation, and reporting.

Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//
Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AARST (American Association of Radon Scientists and Technologists)

527 Justice Street, Hendersonville, NC 28739 p: (202) 830-1110 w: www.aarst.org

Revision

BSR/AARST RMS-LB-202x, Radon Mitigation Standards for Schools and Large Buildings (revision of ANSI/AARST RMS-LB-2018)

This standard specifies practices and minimum requirements for reducing radon and soil gas entry into schools and large buildings. These proposed revisions apply to simultaneous harmonization for portions of three different mitigation standards relative to the practice of installing Active Soil Depressurization (ASD) mitigation method: SGM-SF 2017, RMS-MF 2018, and RMS-LB 2018.

Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (with optional copy to psa@ansi.org) to: StandardsAssist@gmail.com

AARST (American Association of Radon Scientists and Technologists)

527 Justice Street, Hendersonville, NC 28739 p: (202) 830-1110 w: www.aarst.org

Revision

BSR/AARST RMS-MF-202x, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2018)

This standard specifies practices and minimum requirements for reducing radon and soil gas entry into multifamily buildings. These proposed revisions apply to simultaneous harmonization for portions of three different mitigation standards relative to the practice of installing Active Soil Depressurization (ASD) mitigation method: SGM-SF 2017, RMS-MF 2018, and RMS-LB 2018.

Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (with optional copy to psa@ansi.org) to: StandardsAssist@gmail.com

AARST (American Association of Radon Scientists and Technologists)

527 Justice Street, Hendersonville, NC 28739 p: (202) 830-1110 w: www.aarst.org

Revision

BSR/AARST SGM-SF-202x, Soil Gas Mitigation Standards in Existing Homes (revision of ANSI/AARST SGM-SF-2017)

This standard specifies practices and minimum requirements for reducing radon and soil gas entry into existing homes. These proposed revisions apply to simultaneous harmonization for portions of three different mitigation standards relative to the practice of installing Active Soil Depressurization (ASD) mitigation method: SGM-SF 2017, RMS-MF 2018, and RMS-LB 2018.

Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (with optional copy to psa@ansi.org) to: StandardsAssist@gmail.com

Comment Deadline: October 26, 2020

AGMA (American Gear Manufacturers Association)

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 p: (703) 684-0211 w: www.agma.org

New National Adoption

BSR/AGMA ISO 6336-6-BXX-202x, Calculation of load capacity of spur and helical gears - Part 6: Calculation of service life under variable load (identical national adoption of ISO 6336-6:2019)

This document specifies the information and standardized conditions necessary for the calculation of the service life (or safety factors for a required life) of gears subject to variable loading for only pitting and tooth root bending strength.

Single copy price: $111.00
Obtain an electronic copy from: tech@agma.org
Order from: tech@agma.org
Send comments (with optional copy to psa@ansi.org) to: aboutaleb@agma.org

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 932-7015 w: https://www.asabe.org/

Revision

BSR/ASAE S331.7 MONYEAR-202x, Implement Power Take-Off Drive Shaft Specifications (revision and redesignation of ANSI/ASAE S331.6 -2015)

The purpose of this Standard is to establish multiple categories of drive shafts each with a regular-duty subset and a heavy-duty subset. A PTO drive shaft is intended for use to transmit rotational mechanical power from a tractor PTO to an implement power input connection (PIC) or from a self-propelled machine PTO to a header/attachment PIC. A PTO drive shaft is also intended for use in any drive shaft application within an implement. A PTO drive shaft is considered part of an implement. This Standard does not provide for dimensional interchangeability from one implement to another.

Single copy price: $48.00 (ASAE Members; price); $68.00 (Non-members price)
Obtain an electronic copy from: vangilder@asabe.org
Order from: Carla VanGilder (269) 932-7015 vangilder@asabe.org
Send comments (with optional copy to psa@ansi.org) to: Same

ASB (ASC Z50) (American Society of Baking)

243 Reade Drive, Cogan Station, PA 17728 p: (570) 494-0624 w: www.asbe.org

Reaffirmation

BSR/ASB Z50.2-2015 (R202x), Bakery Equipment - Sanitation Standards (reaffirmation of ANSI/ASB Z50.2-2015)

Promulgated by the American Society of Baking, this standard identifies recommendations for the sanitary design and construction of wholesale bakery equipment.

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

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME BPVC Section IX-202x, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2019)

Section IX of the ASME Boiler and Pressure Vessel Code relates to the qualification of welders, welding operators, brazers, brazing operators, and fusing operators and the procedures that they employ in welding, brazing, and fusing according to the ASME Boiler and Pressure Vessel Code and the ASME B31 Code for Pressure Piping.

Single copy price: Free
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Send comments (with optional copy to psa@ansi.org) to: Erika Lawson (212) 591-8094 lawsone@asme.org

Comment Deadline: October 26, 2020

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 699-2929 w: www.assp.org

Revision

BSR/ASSP Z359.11-202X, Safety Requirements for Full Body Harnesses (revision and redesignation of ANSI/ASSE Z359.11-2014)

This standard establishes requirements for the performance, design, marking, qualification, instruction, training, test methods, inspection, use, maintenance, and removal from service of full body harnesses (FBH).

Single copy price: $110.00
Obtain an electronic copy from: omunteanu@assp.org
Send comments (with optional copy to psa@ansi.org) to: omunteanu@assp.org

BHMA (Builders Hardware Manufacturers Association)

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 p: (513) 600-2871 w: www.buildershardware.com

Revision

BSR/BHMA A156.3-202x, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2014)

This standard establishes requirements for exit devices and trim, automatic flush bolts, removable mullions, coordinators, and carry-open bars. Performance criteria include cycle, operational, strength, material evaluation, finish, and security tests. Functions and types are described and numbered.

Single copy price: $36.00 (non-members); $18.00 (BHMA members)
Obtain an electronic copy from: Kbishop@Kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: Kbishop@Kellencompany.com

BHMA (Builders Hardware Manufacturers Association)

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 p: (513) 600-2871 w: www.buildershardware.com

Revision

BSR/BHMA A156.9-202x, Standard for Cabinet Hardware (revision of ANSI/BHMA A156.9-2015)

This Standard contains requirements for cabinet hardware and includes hinges, knobs, pulls, catches, shelf rests, standards and brackets, drawer slides, rotating shelves, and track with guides for sliding panels. Included are performance tests covering operational, cyclical, strength, and finish criteria.

Single copy price: $36.00 (non-members); $18.00 (BHMA members)
Obtain an electronic copy from: Kbishop@Kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: KBishop@Kellencompany.com

BHMA (Builders Hardware Manufacturers Association)

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 p: (513) 600-2871 w: www.buildershardware.com

Revision

BSR/BHMA A156.18-202x, Standard for Materials and Finishes (revision of ANSI/BHMA A156.18-2016)

This Standard establishes tests for architectural finishes applied to various types of Builders Hardware with specific performance requirements by individual standards described in Section 6. Tests include salt spray, UV, perspiration, hardness, and humidity. This Standard also provides a numbering system to describe finishes by base material and coatings.

Single copy price: $36.00 (non-members); $18.00 (BHMA members)
Obtain an electronic copy from: Kbishop@Kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: KBishop@Kellencompany.com

Comment Deadline: October 26, 2020

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 p: (860) 944-4264 w: www.buildershardware.com

Revision

BSR/BHMA A156.36-202x, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2016)

ANSI/BHMA A156.36 establishes requirements for auxiliary locks, and includes dimensional criteria and five classifications of tests: operational, cycle, strength, security, and finish.

Single copy price: $36.00
Obtain an electronic copy from: mptierney@snet.net
Order from: Michael Tierney (860) 944-4264 mtierney@kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: Same

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 p: (860) 944-4264 w: www.buildershardware.com

Revision

BSR/BHMA A156.39-202x, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2015)

This Standard establishes performance requirements for bored residential locksets and latches, and includes durability, security, finish tests. Residential locksets and latches are generally used for single family homes and multifamily dwellings.

Single copy price: $36.00
Obtain an electronic copy from: mptierney@snet.net
Order from: Michael Tierney (860) 944-4264 mtierney@kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: Same

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 p: (860) 944-4264 w: www.buildershardware.com

Revision

BSR/BHMA A156.40-202x, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40-2015)

ANSI/BHMA A156.40 establishes requirements for residential deadbolts and deadlatches, and includes durability, security, and finish tests. Residential deadbolt and deadlatches are generally used for single-family homes and multifamily dwellings.

Single copy price: $36.00
Obtain an electronic copy from: mptierney@snet.net
Order from: Michael Tierney (860) 944-4264 mtierney@kellencompany.com
Send comments (with optional copy to psa@ansi.org) to: Same

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 p: (703) 907-7697 w: www.cta.tech

Revision

BSR/CTA 2048-A-202x, Host and Router Profiles for IPv6 (revision and redesignation of ANSI/CTA 2048-2014)

This document is to identify the required features and capabilities for stand-alone routers and hosts with support for IPv6 and related necessary protocols. Additional items to consider are support for IPv6 transition technologies and support for PCP (port configuration protocol). These requirements are referenced to available technical standards such as RFCs.

Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: Veronica Lancaster (703) 907-7697 vlancaster@cta.tech
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: October 26, 2020

FCI (Fluid Controls Institute)

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

Revision

BSR/FCI 99-2-202x, Standard for Pressure Reducing Regulator Capacity (revision of ANSI/FCI 99-2-2015)

This standard creates a guideline for establishing and reporting regular capacities for use by manufacturers, users, specifiers, and approval bodies in order to promote consistent presentation of regulator capacities.

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

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 p: (909) 472-4111 w: www.iapmo.org

Revision

BSR/IAPMO USHGC 1-202x, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2018)

The provisions of this code applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy and hydronic and geothermal energy systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

Single copy price: $10.00
Obtain an electronic copy from: hugo.aguilar@iapmo.org
Order from: Hugo Aguilar (909) 472-4111 hugo.aguilar@iapmo.org
Send comments (with optional copy to psa@ansi.org) to: Same

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 p: (909) 472-4111 w: www.iapmo.org

Revision

BSR/IAPMO USPSHTC 1-202x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2018)

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, or maintenance of swimming pool, spa, or hot tub systems.

Single copy price: $10.00
Obtain an electronic copy from: hugo.aguilar@iapmo.org
Order from: Hugo Aguilar (909) 472-4111 hugo.aguilar@iapmo.org
Send comments (with optional copy to psa@ansi.org) to: Same

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

5001 East Philadelphia Street, Ontario, CA 91761 p: (909) 230-5534 w: https://www.iapmostandards.org

Revision

BSR/IAPMO Z1002-202X, Rainwater Harvesting Tanks (revision of ANSI/IAPMO Z1002-2014)

Includes steel-reinforced polyethylene tanks; removes reference to potable water; clarifies PE cell classification for thermoplastic tanks; and adds allowances for conducting the watertightness test including bracing during testing for buried tanks.

Single copy price: $10.00
Obtain an electronic copy from: https://iapmomembership.org/index.php?page=shop.product_details&flypage=flypage_iapmo.tpl&product_id=1561&category_id=71&keyword=z1002&option=com_virtuemart&Itemid=3&redirected=1&Itemid=3
Order from: Kyle Thompson (909) 230-5534 standards@iapmostandards.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: October 26, 2020

IIAR (International Institute of Ammonia Refrigeration)

1001 N. Fairfax Street, Suite 503, Alexandria, VA 22314-1797 p: (703) 312-4200 w: www.iiar.org

Revision

BSR/IIAR 2-202x, Standard for the Design of Safe Closed-Circuit Ammonia Refrigeration Systems (revision, redesignation and consolidation of ANSI/IIAR 2-2014, ANSI/IIAR 2-2014 Addendum A-2019)

This safety standard provides the minimum requirements for the design of safe closed-circuit anhydrous ammonia refrigeration systems.

Single copy price: Free
Obtain an electronic copy from: eric.smith@iiar.org
Order from: eric.smith@iiar.org
Send comments (with optional copy to psa@ansi.org) to: www.iiar.org or eric.smith@iiar.org

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP BUS v4.0-202x, NCPDP Billing Unit Standard v4.0 (revision and redesignation of ANSI/NCPDP BUS v3.1)

The NCPDP Billing Unit Standard Implementation Guide is intended to meet two needs within the pharmaceutical drug claim industry: (1) provide practical guidelines for software developers and (2) provide guidelines for consistent implementation of drug/product packaging for use in all applicable NCPDP Standards.

Single copy price: $200.00 (non-members)
Obtain an electronic copy from: kkrempin@ncpdp.org
Send comments (with optional copy to psa@ansi.org) to: kkrempin@ncpdp.org

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP RTPB Standard v11-202x, NCPDP Real-Time Prescription Benefit Standard v11 (revision and redesignation of ANSI/NCPDP RTPB Standard v10-2020)

The NCPDP Real-Time Prescription Benefit (RTPB) Standard Implementation Guide is intended to meet the industry need within the pharmacy services sector to facilitate the ability for pharmacy benefit payers/processors to communicate to providers and to ensure a consistent implementation of the standard throughout the industry. The RTPB Standard enables the exchange of patient eligibility, product coverage, and benefit financials for a chosen product and pharmacy, and identifies coverage restrictions, and alternatives when they exist.

Single copy price: $200.00 (non-members)
Obtain an electronic copy from: kkrempin@ncpdp.org
Send comments (with optional copy to psa@ansi.org) to: kkrempin@ncpdp.org

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP SC WG110085-202x, NCPDP SCRIPT Standard WG1100852021xx (revision and redesignation of ANSI/NCPDP SC v2020101)

The SCRIPT Standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: $200.00 (non-members)
Obtain an electronic copy from: kkrempin@ncpdp.org
Send comments (with optional copy to psa@ansi.org) to: kkrempin@ncpdp.org

Comment Deadline: October 26, 2020

NCPDP (National Council for Prescription Drug Programs)

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

Revision

BSR/NCPDP Specialized Standard WG1100852021xx-202x, NCPDP Specialized Standard WG1100852021xx (revision and redesignation of ANSI/NCPDP Specialized Standard v2020101-2020)

The NCPDP Specialized Standard will house transactions that are not e-prescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

Single copy price: $200.00 (non-members)
Obtain an electronic copy from: kkrempin@ncpdp.org
Send comments (with optional copy to psa@ansi.org) to: kkrempin@ncpdp.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Rosslyn, VA 22209 p: (703) 841-3278 w: www.nema.org

Revision

BSR ICEA S-112-718-202x, Standard for Optical Fiber Cable for Placement in Sewer Environments (revision of ANSI/ICEA S-112-718-2013)

This Standard covers optical fiber communications cables intended for installation in underground sewers, specifically storm and sanitary sewers. Materials, construction, and performance requirements are included in this Standard, together with applicable test procedures. Additional applications-based considerations are discussed as well.

Single copy price: $210.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: www.icea.org
Send comments (with optional copy to psa@ansi.org) to: khaled.masri@nema.org

NISO (National Information Standards Organization)

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

New Standard

BSR/NISO Z39.104-202x, Contributor Roles Taxonomy (CRediT) (new standard)

A high-level taxonomy describing contributors to scholarly research outputs. These descriptions specify particular types of actions and inputs to the research product (including, but not limited to, journal articles). Application of the taxonomy supports visibility and recognition for contributors and increases the transparency and accessibility of research contributions.

Single copy price: $45.00
Obtain an electronic copy from: nisohq@niso.org
Order from: https://www.niso.org/contact
Send comments (with optional copy to psa@ansi.org) to: nisohq@niso.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-3817 w: www.nsf.org

Revision

BSR/NSF 49-202x (i141r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/55455/49i141r2%20-%20Definitions%20Update%20-%20JC%20memo%20&%20Ballot.pdf
Send comments (with optional copy to psa@ansi.org) to: arose@nsf.org

Comment Deadline: October 26, 2020

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-3817 w: www.nsf.org

Revision

BSR/NSF 49-202x (i141r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/55455/49i141r2%20-%20Definitions%20Update%20-%20JC%20memo%20&%20Ballot.pdf
Send comments (with optional copy to psa@ansi.org) to: arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF/CAN 50-202x (i163r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

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

Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/55476/50i163r2%20-%20Crypto%20credit%20for%20log%20reduction%20-%20JC%20memo%20&%20ballot.pdf
Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0973 w: https://ul.org/

Revision

BSR/UL 2167-202X, Standard for Water Mist Nozzles for Fire Protection Service (revision of ANSI/UL 2167-2011 (R2017))

UL proposes the following revisions to UL 2167: Revisions to clarify requirement, enhance alignment with UL sprinkler standards, and update testing details; hydrostatic strength; revisions to shipboard light and ordinary hazard area fire tests; light hazard area fire test; and revisions to performance-based acceptance criteria for ordinary hazard fire tests, and installation instructions.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8274 w: www.aami.org

ANSI/AAMI ID54-1996 (R2012), Enteral feeding set adapters and connectors

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

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8274 w: www.aami.org

ANSI/AAMI NS28-1988 (R2015), Intracranial pressure monitoring devices

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

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Hae Choe
901 N. Glebe Road, Suite 300
Arlington, VA 22203
p: (703) 253-8268
e: standards@aami.org

BSR/AAMI ES60601-1-2005/A1-2012/A2-202x, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, Amendment 2 (addenda to ANSI/AAMI ES60601-1-2005 C1-2009 and A2 (R2012))

BSR/AAMI HA60601-1-11-2015/A1-202x, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare (addenda to ANSI/AAMI HA60601-1-11-2015)

BSR/AAMI/IEC 60601-1-2-2014/A1-202x, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and tests, Amendment 1 (addenda to ANSI/AAM/IEC 60601-1-2-2014)

BSR/AAMI/IEC 60601-1-12-2016/A1-202x, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-12-2016)

AARST (American Association of Radon Scientists and Technologists)

Contact: Gary Hodgden
527 Justice Street
Hendersonville, NC 28739
p: (202) 830-1110
e: StandardsAssist@gmail.com

BSR/AARST RMS-MF-202x, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2018)

BSR/AARST RMS-LB-202x, Radon Mitigation Standards for Schools And Large Buildings (revision of ANSI/AARST RMS-LB -2018)

BSR/AARST SGM-SF-202x, Soil Gas Mitigation Standards in Existing Homes (revision of ANSI/AARST SGM-SF-2017)

AGMA (American Gear Manufacturers Association)

Contact: Amir Aboutaleb
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
p: (703) 684-0211
e: tech@agma.org

BSR/AGMA ISO 6336-6-BXX-202x, Calculation of load capacity of spur and helical gears - Part 6: Calculation of service life under variable load (identical national adoption of ISO 6336-6:2019)

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

Contact: Karl Best
2311 Wilson Boulevard, Suite 400
Arlington, VA 22201-3001
p: (703) 293-4887
e: kbest@ahrinet.org

BSR/AHRI Standard 220-202x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (revision of ANSI/AHRI Standard 220-2015)

BSR/AHRI Standard 560 (I-P)-202x, Absorption Water Chilling and Water Heating Packages (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.

BSR/AHRI Standard 561 (SI)-202x, Absorption Water Chilling and Water Heating Packages (new standard)

BSR/AHRI Standard 730 (I-P)-202x, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision of ANSI/AHRI Standard 730 (I-P)-2013)

BSR/AHRI Standard 731 (SI)-202x, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision of ANSI/AHRI Standard 731 (SI)-2013)

ASABE (American Society of Agricultural and Biological Engineers)

Contact: Carla VanGilder
2950 Niles Road
Saint Joseph, MI 49085
p: (269) 932-7015
e: vangilder@asabe.org

BSR/ASAE S331.7 MONYEAR-202x, Implement Power Take-Off Drive Shaft Specifications (revision and redesignation of ANSI/ASAE S331.6-2015)

BHMA (Builders Hardware Manufacturers Association)

Contact: Karen Bishop
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603
p: (513) 600-2871
e: Kbishop@Kellencompany.com

BSR/BHMA A156.3-202x, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2014)

BSR/BHMA A156.9-202x, Standard for Cabinet Hardware (revision of ANSI/BHMA A156.9-2015)

BSR/BHMA A156.18-202x, Standard for Materials and Finishes (revision of ANSI/BHMA A156.18-2016)

Contact: Michael Tierney
17 Faulkner Drive
Niantic, CT 06357
p: (860) 944-4264
e: mtierney@kellencompany.com

BSR/BHMA A156.36-202x, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2016)

BSR/BHMA A156.39-202x, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2015)

BSR/BHMA A156.40-202x, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40-2015)

CTA (Consumer Technology Association)

Contact: Veronica Lancaster
1919 South Eads Street
Arlington, VA 22202
p: (703) 907-7697
e: vlancaster@cta.tech

BSR/CTA 2048-A-202x, Host and Router Profiles for IPv6 (revision and redesignation of ANSI/CTA 2048-2014)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-10J-202x, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA 364-10H-2019)

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.

FCI (Fluid Controls Institute)

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

BSR/FCI 99-2-202x, Standard for Pressure Reducing Regulator Capacity (revision of ANSI/FCI 99-2-2015)

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

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

INCITS/ISO/IEC 19086-2:2018 [202x], Cloud computing - Service level agreement (SLA) framework - Part 2: Metric model (identical national adoption of ISO/IEC 19086-2:2018)

NECA (National Electrical Contractors Association)

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

BSR/NECA 407-202X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2015)

NEMA (ASC C8) (National Electrical Manufacturers Association)

Contact: Khaled Masri
1300 North 17th Street
Rosslyn, VA 22209
p: (703) 841-3278
e: Khaled.Masri@nema.org

BSR ICEA S-112-718-202x, Standard for Optical Fiber Cable for Placement in Sewer Environments (revision of ANSI/ICEA S -112-718-2013)

NISO (National Information Standards Organization)

Contact: Nettie Lagace
3600 Clipper Mill Road, Suite 302
Baltimore, MD 21211
p: (301) 654-2512
e: nlagace@niso.org

BSR/NISO Z39.104-202x, Contributor Roles Taxonomy (CRediT) (new standard)

NSF (NSF International)

Contact: Allan Rose
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 827-3817
e: arose@nsf.org

BSR/NSF 49-202x (i141r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

BSR/NSF 49-202x (i141r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)

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

BSR/NSF 350-202x (i50r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350 -2019)

BSR/NSF/CAN 50-202x (i163r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)

Call for Members (ANS Consensus Bodies)

ECIA P-1 Resistive Devices

Are you interested in contributing to the development and maintenance of valuable industry standards on all types of resistive components, including film, wirewound, thermistors, varistors, networks, chip resistors and integrated passive devices? Although all interest categories are welcome, the P-1 Committee is actively soliciting members in the following categories with the goal of achieving Committee balance:

o General Interest

If you are interested in joining P-1, please contact Edward F. Mikoski, Jr, ECIA Vice President of Standards and Technology at emikoski@ecianow.org.

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.

AARST (American Association of Radon Scientists and Technologists)

New Standard

ANSI/AARST MW-RN-2020, Protocol for the Collection, Transfer and Measurement of Radon in Water (new standard): 9/3/2020

ABMA (ASC B3) (American Bearing Manufacturers Association)

Reaffirmation

ANSI/ABMA 10A-2001 (R2020), Metal Balls for Unground Bearings and Other Uses (reaffirmation of ANSI/ABMA 10A-2001 (R2015)): 9/3/2020

ANSI/ABMA 19.2-2013 (R2020), Tapered Roller Bearings, Radial Inch Design (reaffirmation of ANSI/ABMA 19.2-2013): 9/3/2020

ANSI/ABMA 20-2011 (R2020), Radial Bearings of Ball, Cylindrical Roller and Spherical Roller Types - Metric Design (reaffirmation of ANSI/ABMA 20 -2011): 9/8/2020

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASABE/ISO 14269-2-2006 (R2020), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 2: Heating, ventilation and air-conditioning test method and performance (reaffirm a national adoption ANSI/ASABE/ISO 14269-2-2006 (R2017)): 9/4/2020

ANSI/ASABE/ISO 3463-2006 SEP2017 (R2020), Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (reaffirm a national adoption ANSI/ASABE/ISO 3463-SEP2017): 9/4/2020

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

ANSI X9.99-2009 (R2020), Privacy Impact Assessment (reaffirmation of ANSI X9.99/ISO 22307-2009): 9/1/2020

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

Addenda

ANSI/ASHRAE Addendum 55f-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017): 9/1/2020

ANSI/ASHRAE Addendum 62.2v-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2 -2016): 9/1/2020

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2017, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2014): 9/1/2020

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 9/1/2020

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15 -2019): 9/1/2020

ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016): 9/1/2020

ANSI/ASHRAE Addendum i to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019): 9/1/2020

ANSI/ASHRAE/ASHE Addendum 170a-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170a-2014): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum ab to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum af to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum aw to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1 -2017): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bb to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1 -2017): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum o to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 9/1/2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum s to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 9/1/2020

New Standard

ANSI/ASHRAE Standard 204-2020, Method of Test for Rating Micro Combined Heat and Power Devices (new standard): 9/1/2020

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME B4.1-1967 (R2020), Preferred Limits and Fits for Cylindrical Parts (new standard): 9/1/2020

ANSI/ASME B4.2-1978 (R2020), Prefered Metric Limits and Fits (new standard): 9/1/2020

ANSI/ASME B89.4.23-2020, X -Ray Computed Tomography (CT) Performance Evaluation Standard (new standard): 9/3/2020

Revision

ANSI/ASME A13.1-2020, Scheme for the Identification of Piping Systems (revision of ANSI/ASME A13.1-2015): 9/1/2020

ANSI/ASME B31.8S-2020, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2018): 9/1/2020

ASTM (ASTM International)

New Standard

ANSI/ASTM D2665-2020, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (new standard): 8/25/2020

ANSI/ASTM F3288-2020, Specification for MRS-Rated Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pressure Pipe (new standard): 8/25/2020

Reaffirmation

ANSI/ASTM F1275-2014 (R2020), Test Method for Performance of Griddles (reaffirmation of ANSI/ASTM F1275-2014): 8/25/2020

Revision

ANSI/ASTM D2241-2020, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2017): 8/25/2020

ANSI/ASTM D2467-2020, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM D2467-2017): 8/25/2020

ANSI/ASTM D2564-2020, Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems (revision of ANSI/ASTM D2564-2017 (R2018)): 8/25/2020

ANSI/ASTM D2855-2020, Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly(Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (revision of ANSI/ASTM D2855-2017): 8/25/2020

ANSI/ASTM F400-2020, Consumer Safety Specification for Lighters (revision of ANSI/ASTM F400-2019): 8/25/2020

ANSI/ASTM F441/F441M-2020, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (revision of ANSI/ASTM F441/F441M-2017): 8/25/2020

ANSI/ASTM F442-2020, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDRPR) (revision of ANSI/ASTM F442-2019): 8/25/2020

ANSI/ASTM F1041-2020, Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing (revision of ANSI/ASTM F1041-2017): 8/25/2020

AWS (American Welding Society)

New Standard

ANSI/AWS D8.10M-2021, Specification for Automotive Weld Quality - Laser Beam Welding of Steel (new standard): 9/8/2020

AWWA (American Water Works Association)

Revision

ANSI/AWWA C901-2020, Polyethylene (PE) Pressure Pipe and Tubing, 3/4 In. (19 mm) Through 3 In. (76 mm), for Water Service (revision of ANSI/AWWA C901-2017): 9/1/2020

B11 (B11 Standards, Inc.)

Revision

ANSI B11.7-2020, Cold Headers and Cold Formers - Safety Requirements for Construction, Care, and Use (revision of ANSI B11.7-1995 (R2020)): 9/8/2020

BHMA (Builders Hardware Manufacturers Association)

New Standard

ANSI/BHMA A156.35-2020, Standard for Power Supplies for Electronic Access Control (new standard): 9/3/2020

Revision

ANSI/BHMA A156.37-2020, Standard for Multipoint Locks (revision of ANSI/BHMA A156.37-2014): 9/3/2020

ANSI/BHMA A156.41-2020, Standard for Door Hardware Single Motion to Egress (revision of ANSI/BHMA A156.41-2017): 9/4/2020

CAGI (Compressed Air and Gas Institute)

New Standard

ANSI/CAGI B186.1-2020, Safety Code for Portable Air Tools (new standard): 9/1/2020

CTA (Consumer Technology Association)

Stabilized Maintenance

* ANSI/CTA 109-D-2009 (S2020), Intermediate Frequencies for Entertainment Receivers (stabilized maintenance of ANSI/CTA 109-D-2009 (R2015)): 9/1/2020

ECIA (Electronic Components Industry Association)

New National Adoption

* ANSI/EIA 60384-15-2020, Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (identical national adoption of IEC 60384-15:2017 Edition 2.0): 9/4/2020

* ANSI/EIA 60384-21-2020, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384 -21:2019 Edition 3.0): 9/3/2020

ANSI/EIA 60384-22-2020, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22): 9/3/2020

ANSI/EIA 60384-26-2020, Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-26:2018 Edition 2.0): 9/4/2020

ANSI/EIA 62391-1-2020, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2015 Edition 2.0): 9/4/2020

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

Reaffirmation

ANSI Z97.1-2015 (R2020), Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test (reaffirmation of ANSI Z97.1-2015): 9/3/2020

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

Revision

ANSI/ASSE 1023-2020, Performance Requirements for Electrically Heated or Cooled Water Dispensers (revision of ANSI/ASSE 1023-2019): 9/1/2020

ISEA (International Safety Equipment Association)

Revision

ANSI/ISEA 107-2020, High-Visibility Safety Apparel (revision of ANSI/ISEA 107 -2015): 9/8/2020

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

Stabilized Maintenance

INCITS/ISO/IEC 12087-2:1994 [S2020], Information Technology - Computer Graphics and Image Processing - Image Processing And Interchange (IPI) - Functional Specification - Part 2: Programmers Imaging Kernel System Application Programme Interface (stabilized maintenance of INCITS/ISO/IEC 12087-2:1994 [R2014]): 9/8/2020

INCITS/ISO/IEC 12089:1997 [S2020], Information Technology - Computer Graphics and Image Processing - Encoding for the Image Interchange Facility (IIF) (stabilized maintenance of INCITS/ISO/IEC 12089:1997 [R2014]): 9/8/2020

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

ANSI ICEA S-105-692-2020, Standard for 600 Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables (revision of ANSI/ICEA S -105-692-2010): 9/2/2020

ANSI ICEA S-76-474-2020, Standard for Neutral-Supported Power Cable Assemblies with Weather-Resistant Extruded Insulation Rated 600 Volts (revision of ANSI ICEA S-76-474-2011): 9/2/2020

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION
The National Fire Protection Association announces the availability of Second Draft Reports for concurrent review and comment by

NFPA (National Fire Protection Association)

New Standard

ANSI/NFPA 1700-2021, Guide for Structural Fire Fighting (new standard): 8/31/2020

Revision

ANSI/NFPA 1-2021, Fire Code (revision of ANSI/NFPA 1-2018): 8/31/2020

ANSI/NFPA 4-2021, Standard for Integrated Fire Protection and Life Safety System Testing (revision of ANSI/NFPA 4-2018): 8/31/2020

ANSI/NFPA 30-2021, Flammable and Combustible Liquids Code (revision of ANSI/NFPA 30-2018): 8/31/2020

ANSI/NFPA 99-2021, Health Care Facilities Code (revision of ANSI/NFPA 99 -2018): 8/31/2020

ANSI/NFPA 101-2021, Life Safety Code® (revision of ANSI/NFPA 101-2018): 8/31/2020

ANSI/NFPA 790-2021, Standard for Competency of Third-Party Field Evaluation Bodies (revision of ANSI/NFPA 790-2018): 8/31/2020

ANSI/NFPA 1006-2021, Standard for Technical Rescue Personnel Professional Qualifications (revision of ANSI/NFPA 1006-2017): 8/31/2020

ANSI/NFPA 1500-2021, Standard on Fire Department Occupational Safety, Health, and Wellness Program (revision of ANSI/NFPA 1500-2018): 8/31/2020

NSF (NSF International)

Revision

ANSI/NSF 49-2020 (i130Ar1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019): 9/1/2020

ANSI/NSF 49-2020 (i151r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019): 9/6/2020

ANSI/NSF 49-2020 (i156r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019): 9/6/2020

ANSI/NSF 49-2020 (i157r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019): 9/6/2020

ANSI/NSF/CAN 60-2020 (i88r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019): 8/31/2020

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 130-1-2020, Digital Program Insertion - Advertising Systems Interfaces - Part 1: Advertising Systems Overview (revision of ANSI/SCTE 130-1-2013): 9/3/2020

ANSI/SCTE 130-6-2020, Digital Program Insertion - Advertising Systems Interfaces - Part 6: Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2013): 9/8/2020

ANSI/SCTE 130-8-2020, Digital Program Insertion - Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2013): 9/3/2020

ANSI/SCTE 130-9-2020, Recommended Practices for SCTE 130 - Digital Program Insertion - Advertising Systems Interfaces (revision of ANSI/SCTE 130-9-2014): 9/3/2020

ANSI/SCTE 130-10-2020, Digital Program Insertion - Advertising Systems Interfaces - Part 10: Stream Restriction Data Model (SRDM) (revision of ANSI/SCTE 130-10-2013): 9/3/2020

UL (Underwriters Laboratories)

Reaffirmation

ANSI/UL 1053-2011 (R2020), Standard for Safety for Ground-Fault Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053-2011 (R2015)): 9/3/2020

Revision

ANSI/UL 263-2020, Standard for Safety for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2018): 9/3/2020

ANSI/UL 746E-2020, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2016): 9/2/2020

ANSI/UL 2127-2020a, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2015): 9/2/2020

ANSI/UL 2166-2020a, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2015): 9/2/2020

ANSI/UL 6142-2020, Standard for Safety for Small Wind Turbine Systems (revision of ANSI/UL 6142-2012 (R2018)): 9/1/2020

ANSI/UL 61810-1-2020, Standard for Electromechanical Elementary Relays - Part 1: General Requirements (revision of ANSI/UL 61810-1-2015): 8/5/2020

American National Standards Maintained Under Continuous Maintenance

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

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

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

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories)**

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
p: (719) 453-1036
www.aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
p: (703) 253-8268
www.aami.org

AARST
American Association of Radon Scientists and Technologists
527 Justice Street
Hendersonville, NC 28739
p: (202) 830-1110
www.aarst.org

ABMA (ASC B3)
American Bearing Manufacturers Association
1001 N. Fairfax Street
Suite 500
Alexandria, VA 22314
p: (703) 838-0053
www.americanbearings.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street
5th Floor
Alexandria, VA 22314-1587
p: (703) 684-0211
www.agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard
Suite 400
Arlington, VA 22201-3001
p: (703) 293-4887
www.ahrinet.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
p: (269) 932-7015
https://www.asabe.org/

ASB (ASC Z50)
American Society of Baking
243 Reade Drive
Cogan Station, PA 17728
p: (570) 494-0624
www.asbe.org

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle NE
Atlanta, GA 30329
p: (678) 539-2114
www.ashrae.org

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

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
p: (847) 699-2929
www.assp.org

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

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

AWS
American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
p: (305) 443-9353 310
www.aws.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
p: (303) 347-6178
www.awwa.org

B11
B11 Standards, Inc.
P.O. Box 690905
Houston, TX 77269
p: (832) 446-6999
https://www.b11standards.org/

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603
p: (513) 600-2871
www.buildershardware.com

CAGI
Compressed Air and Gas Institute
1300 Sumner Avenue
Cleveland, OH 44115
p: (216) 241-7333
www.cagi.orgwelcome.htm

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
p: (703) 907-7697
www.cta.tech

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

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

GISC (ASC Z97)
Glazing Industry Secretariat Committee
730 Worcester Street
Springfield, MA 01151
p: (413) 730-3413
www.ansiz97.com

IAPMO
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761-2816
p: (909) 472-4111
www.iapmo.org

IAPMO (3)
International Association of Plumbing & Mechanical Officials
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
p: (909) 519-0740
www.iapmo.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
p: (909) 519-0740
www.asse-plumbing.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761
p: (909) 230-5534
https://www.iapmostandards.org

IIAR
International Institute of Ammonia Refrigeration
1001 N. Fairfax Street
Suite 503
Alexandria, VA 22314-1797
p: (703) 312-4200
www.iiar.org

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

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

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

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

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
p: (703) 841-3278
www.nema.org

NFPA
National Fire Protection
Association
One Batterymarch Park
Quincy, MA 02169
p: (617) 984-7246
www.nfpa.org

NISO
National Information Standards
Organization
3600 Clipper Mill Road
Suite 302
Baltimore, MD 21211
p: (301) 654-2512
www.niso.org

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

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

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

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 14620-3, Space systems - Safety requirements - Part 3: Flight safety systems - 11/26/2020, $40.00

CRYOGENIC VESSELS (TC 220)

ISO/DIS 21013-1, Cryogenic vessels - Pressure-relief accessories for cryogenic service - Part 1: Reclosable pressure-relief valves - 11/8/2026, $46.00

ELEVATING WORK PLATFORMS (TC 214)

ISO/DIS 16653-2, Mobile elevating work platforms - Design, calculations, safety requirements and test methods relative to special features - Part 2: MEWPs with non-conductive (insulating) components - 11/23/2020, $82.00

MACHINE TOOLS (TC 39)

ISO 16089/DAmd1, Machine tools - Safety - Stationary grinding machines - Amendment 1 - 11/21/2020, $71.00

ISO/DIS 16090-1, Machine tools safety - Machining centres, milling machines, transfer machines - Part 1: Safety requirements - 11/23/2020, $175.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO/DIS 2080, Surface treatment, metallic and other inorganic coatings - Vocabulary - 11/4/2028, $88.00

PHOTOGRAPHY (TC 42)

ISO/DIS 19264-1, Photography - Archiving systems - Imaging systems quality analysis - Part 1: Reflective originals - 11/27/2020, $119.00

ROLLING BEARINGS (TC 4)

ISO/DIS 20515, Rolling bearings - Radial bearings, retaining slots - Dimensions, geometrical product specifications (GPS) and tolerance values - 11/26/2020, $58.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 21869, Rubber compounding ingredients - Magnesium oxide - Methods of test - 11/21/2020, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 20519, Ships and marine technology - Specification for bunkering of liquefied natural gas fuelled vessels - 11/27/2020, $107.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37180, Smart community infrastructures - Guidance on smart transportation with QR code identification and authentification in transportation and its related or additional services - 11/20/2020, $58.00

IEC Standards

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Newly Published ISO & IEC Standards

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

ISO Standards

DENTISTRY (TC 106)

ISO 10271:2020, Dentistry - Corrosion test methods for metallic materials, $162.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 7240-13:2020, Fire detection and alarm systems - Part 13: Compatibility assessment of system components, $138.00

GLASS IN BUILDING (TC 160)

ISO 22509:2020, Glass in building - Heat strengthened soda lime silicate glass, $162.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12647-6:2020, Graphic technology - Process control for the production of half-tone colour separations, proofs and production prints - Part 6: Flexographic printing, $103.00

NANOTECHNOLOGIES (TC 229)

ISO 17200:2020, Nanotechnology - Nanoparticles in powder form - Characteristics and measurements, $68.00

NUCLEAR ENERGY (TC 85)

ISO 8690:2020, Measurement of radioactivity - Gamma ray and beta emitting radionuclides - Test method to assess the ease of decontamination of surface materials, $162.00

PAINTS AND VARNISHES (TC 35)

ISO 2409:2020, Paints and varnishes - Cross-cut test, $103.00

PLASTICS (TC 61)

ISO 10352:2020, Fibre-reinforced plastics - Moulding compounds and prepregs - Determination of mass per unit area and fibre mass per unit area, $103.00

ISO 19063-2:2020, Plastics - Impact-resistant polystyrene (PS-I) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $68.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 22751:2020, Rubber- or plastic-coated fabrics - Physical and mechanical test - Determination of bending force, $45.00

STEEL WIRE ROPES (TC 105)

ISO 8794:2020, Steel wire ropes - Spliced eye terminations for slings, $103.00

TEXTILES (TC 38)

ISO 22744-2:2020, Textiles and textile products - Determination of organotin compounds - Part 2: Direct method using liquid chromatography, $68.00

WATER QUALITY (TC 147)

ISO 21793:2020, Water quality - Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb), dissolved bound nitrogen (DNb), total bound phosphorus (TPb) and dissolved bound phosphorus (DPb) after wet chemical catalysed ozone hydroxyl radical oxidation (COHR), $162.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 18496:2020, Brazing - Fluxes for brazing - Classification and technical delivery conditions, $68.00

ISO Technical Reports

ERGONOMICS (TC 159)

ISO/TR 9241-810:2020, Ergonomics of human-system interaction - Part 810: Robotic, intelligent and autonomous systems, $209.00

ISO Technical Specifications

IMPLANTS FOR SURGERY (TC 150)

ISO/TS 21560:2020, General requirements of tissue-engineered medical products, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13888-1:2020, Information security - Non-repudiation - Part 1: General, $138.00

ISO/IEC 13888-3:2020, Information security - Non-repudiation - Part 3: Mechanisms using asymmetric techniques, $103.00

ISO/IEC 23005-1:2020, Information technology - Media context and control - Part 1: Architecture, $185.00

IEC Standards

OTHER

CISPR 14-1 Ed. 7.0 en:2020, Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, $375.00

(TC 47)

IEC 60747-16-5 Ed. 1.1 b:2020, Semiconductor devices - Part 16-5: Microwave integrated circuits - Oscillators, $410.00

IEC 60747-16-5 Amd.1 Ed. 1.0 b:2020, Amendment 1 - Semiconductor devices - Part 16-5: Microwave integrated circuits - Oscillators, $23.00

IEC 60747-16-5 Amd.1 Ed. 1.0 en cor.1:2020, Corrigendum 1 - Semiconductor devices - Part 16-5: Microwave integrated circuits - Oscillators, $0.00

(TC 77)

IEC 61000-4-3 Ed. 4.0 en:2020, Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test, $375.00

(TC 86)

IEC 61290-1-1 Ed. 4.0 b:2020, Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method, $117.00

S+ IEC 61290-1-1 Ed. 4.0 en:2020 (Redline version), Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method, $152.00

IEC Technical Reports

(TC 86)

IEC/TR 62572-4 Ed. 2.0 en:2020, Fibre optic active components and devices - Reliability standards - Part 4: Guidelines for optical connector end-face cleaning methods for receptacle style optical transceivers, $164.00

ISO Technical Specifications

(TC 86)

S+ IEC/TR 62572-4 Ed. 2.0 en:2020 (Redline version), Fibre optic active components and devices - Reliability standards - Part 4: Guidelines for optical connector end-face cleaning methods for receptacle style optical transceivers, $213.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

Meeting Notices

American Society of Safety Professionals (ASSP) – ANSI Z16 Committee

The American Society of Safety Professionals (ASSP) is the secretariat for ANSI Z16 Committee for Safety and Health Metrics and Performance Measures. The next Z16 meeting will take place virtually on September 23rd-24th, 2020. Those interested in participating can contact ASSP for additional information at LBauerschmidt@assp.org.

American Society of Safety Professionals (ASSP) – ANSI Z359 Committee

The American Society of Safety Professionals (ASSP) serves as the secretariat of the ANSI Z359 Committee for Fall Arrest/Protection. The next meeting of the Z359 Committee will be held virtually from October 20 – 22, 2020. Those interested in participating can contact ASSP for additional information at OMunteanu@assp.org.

ANSI-Accredited U.S. TAG to ISO/TC 229 - Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 - Nanotechnologies will meet virtually on October 14-15, 2020. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

Information Concerning

Meeting Notice and Call for Members

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

Organizational Meeting – September 22, 2020

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

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

Terms of Reference:

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

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

Convenor: Ian Opperman (Australia)

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

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

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

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 96/SC 8 – Jib Cranes

Comment Deadline: September 25, 2020

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

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

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

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

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

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

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

Information Concerning

American National Standards

Application for Audited Designator

International Code Council (ICC)

Public Comments Due no Later than October 11, 2020

In accordance with Section 5.1 of the *ANSI Essential Requirements: Due process requirements for American National Standards (Essential Requirements)*, the International Code Council (ICC) has submitted an application to be delegated the authority to apply the American National Standard (ANS) designation without BSR review (Audited Designator). This application would only apply to the ICC accreditation.

To request further information or to offer comments, please contact: ICC, Mr. Karl Aittaniemi, Director of Standards, 4051 Flossmoor Road, Country Club Hills, IL. 60478; e-mail: kaittaniemi@iccsafe.org. The deadline for submitting comments to the ICC is October 11, 2020. A copy of comments submitted to ICC should also be sent to psa@ansi.org.

Information Concerning

INCITS/Internet of Things and Related Technologies TC Seeks Experts

INCITS/IoT, the US Technical Advisory Group to ISO/IEC JTC 1/SC 41 on the Internet of Things and Related Technologies, represents US interests in the development of international standards. The committee is actively working on foundational standards, interoperability, applications and use cases for the Internet of Things (IoT) and related technologies. These include applications in: industrial IoT, wearables, Smart Cities, utilities & Smart Grid, agriculture, societal and human factors in IoT based services, Integration of IoT and distributed ledger technologies (blockchain), and other vertical-specific applications.

The scope of the Internet of Things is vast, and its applications transcend economic sectors and can be integrated into seemingly endless end user markets, including home-based consumers, manufacturing processes, and industry.

- The combined IoT market is comprised not only of devices, such as soil temperature/moisture sensors, actuating stepper motors in manufacturing equipment, webcams and home voice controllers, but also a variety of software solutions, including cloud-based infrastructure, communications platforms, analytics platforms, and Operating Systems. Trustworthiness within IoT systems therefore can be incredibly complex, requiring the protection of end users' privacy and data by protecting the device and accompanying communications networks, cloud providers, data aggregators and analytics platforms, and any number of other related applications that are required for device functionality. Risk, therefore, must also be assessed across the IoT value chain, in ways that differ from traditional IT devices.

- Unlike conventional IT systems, many IoT systems can interact with devices and modify device properties in the physical world in response to remote commands, such as in the case of a smart thermostat or an insulin pump. In the latter example, the risk of a ransomware or malware attack may have significant consequences on human health.

- While there is no one internationally accepted definition of IoT, many definitions have arisen within economies, standards development bodies, think tanks, and industry associations and may have diverging definitions, potentially changing the scope of trustworthiness across the IoT value chain because of possible inconsistencies.

- A key activity is to address IoT Trustworthiness concerns. IoT devices can be used by unauthorized third parties as access points to form networks of Internet-connected externally controlled devices, or "botnets." Devices can be compromised and infected with malicious software. According to two Bain Consulting studies on barriers to uptake of IoT solutions, respondents listed security risks as their top concern.

- The responsibility for securing these systems currently rests with IoT device manufacturers, systems integrators, service providers, and users that could control distinct parts of the IoT system from within varying legal jurisdictions. For example, the device could be manufactured in Asia and used in the United States, have its data transferred through a communications network to a backend server in Australia, to eventually be analyzed in Chile. In a globalized, complex IoT system, each component must be independently secured by their respective, responsible party. In the absence of specific, globally relevant IoT security control guidance and standards that could align IoT trustworthiness approaches across the value chain, attack surfaces and trustworthiness vulnerabilities may outpace current manufacturer security practices. Given the scope of IoT systems and the complexity of securing each component, sometimes across borders, existing global standards pertaining to trustworthiness risk management in conventional IT may not adequately address the unique challenges of IoT systems.

Members of INCITS/IoT have the unique opportunity to make their voices heard on the development of standards and uses cases on IoT and related technologies. This group also provides the opportunity to collaborate with experienced peers while serving the broader community of service organizations. Join the current INCITS/IoT members, Avail Medsystems, Dell, Discover Card, DoD, Evanhoe & Associates, Farance Inc, Hitachi Vantara, Intel, ITRI, John Deere, Lockheed Martin, Microsoft, Oracle, NIST, NSA, VMware and WSN Technologies, in this work.

Membership provides the opportunity for international leadership roles for project leader/editor, Convenors.

Members participate in virtual meetings and one to two face-to-face meetings per year. They are encouraged to contribute in the development of international standards related to IoT. All members are also eligible to attend national and international meetings; the next two INCITS/IoT meetings are scheduled for September 14 and October 9, 2020. To learn more about membership in INCITS/IoT, visit http://www.incits.org/participation/membership-info or contact Lynn Barra at Lbarra@itic.org.

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

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

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

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

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

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

BSR/ASHRAE Addendum j
to ANSI/ASHRAE Standard 15-2019

First Public Review Draft

Proposed Addendum j to Standard 15-2019, Safety Standard for Refrigeration Systems

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

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

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

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

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

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This addendum modifies ANSI/ASHRAE Standard 15 by removing language that changes the currently used term of "nonflammable" when referencing refrigerants classified as A1 or B1 by ANSI/ASHRAE Standard 34 to refer to the class instead.

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

Addendum j to Standard 15-2019

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7. RESTRICTIONS ON REFRIGERANT USE

[…]

7.4.2 ~~**Nonflammable**~~ ***Class 1 Refrigerants.*** …

7.4.3 ~~**Flammable**~~ ***Class 2L, Class 2 and Class 3 Refrigerants.*** …

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

9. DESIGN AND CONSTRUCTION OF EQUIPMENT AND SYSTEMS

[…]

9.14.1.1 Testing Procedure. Tests *shall* be performed with dry nitrogen or nonflammable, nonreactive, dried gas. Oxygen, air, or mixtures containing them *shall not* be used. The means used to build up the test pressure *shall* have either a *pressure limiting device* or a pressure reducing device and a gage on the outlet side. The *pressure relief device shall* be set above the test pressure but low enough to prevent permanent deformation of the system's components.

Exceptions to 9.14.1.1:

1. Mixtures of dry nitrogen, inert gases, and ~~nonflammable~~ *Class 1 refrigerants*[2] are allowed for factory tests.
2. Mixtures of dry nitrogen, inert gases, or a combination of these with ~~flammable~~ *Class 2L, Class 2, or Class 3 refrigerants*[2] in concentrations not exceeding the lesser of a *refrigerant* weight fraction (mass fraction) of 5% or 25% of the LFL are allowed for factory tests.
3. Compressed air without added *refrigerant* is allowed for factory tests, provided the system is subsequently evacuated to less than 1000 µm (132 Pa) before charging with *refrigerant*. The required evacuation level is atmospheric pressure for systems using R-718 (water) or R-744 (carbon dioxide) as the *refrigerant*.

Modify Section 10 as follows. The remainder of Section 10 remains unchanged.

10. DESIGN AND CONSTRUCTION OF EQUIPMENT AND SYSTEMS

[…]

10.1.2 Testing Procedure. Tests *shall* be performed with dry nitrogen or another nonflammable, nonreactive, dried gas. Oxygen, air, or mixtures containing them *shall not* be used. The means used to build up the test pressure *shall* have either a *pressure limiting device* or a pressure reducing device and a gage on the outlet side. The *pressure relief device shall* be set above the test pressure but low enough to prevent permanent deformation of the system's components.

Exceptions to 10.1.2:

1. Mixtures of dry nitrogen, inert gases, or a combination of such with ~~nonflammable~~ *Class 1 refrigerants*[2] in concentrations of a *refrigerant* weight fraction (mass fraction) not exceeding 5% are allowed for tests.
2. Mixtures of dry nitrogen, inert gases, or a combination of such with ~~flammable~~ *Class 2L, Class 2, and Class 3 refrigerants*[2] in concentrations not exceeding the lesser of a *refrigerant* weight fraction (mass fraction) of 5% or 25% of the *LFL* are allowed for tests.
3. Compressed air without added *refrigerant* is allowed for tests, provided the system is subsequently evacuated to less than 1000 µm (132 Pa) before charging with *refrigerant*. The required evacuation level is atmospheric pressure for systems using R-718 (water) or R-744 (carbon dioxide) as the *refrigerant*.
4. Systems erected on the premises using Group A1 *refrigerant* and with copper tubing not exceeding 0.62 in. (16 mm) outside diameter shall be tested by means of the *refrigerant* charged into the system at the saturated vapor pressure of the *refrigerant* at 68°F (20°C) minimum.

Tracking #350i50r2

Revision to NSF/ANSI 350-2019
Issue 50, Revision 2 (August 2020)

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

NSF/ANSI Standard
For Wastewater Technology –

Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

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8.1.2.2 Hydraulic loading and schedules

During the minimum 6 mo (26 wk [182 d]) testing and evaluation period, the system shall be subjected to periods of design loading, followed by stress loading, and then additional weeks of design loading. Class R and Class C systems claiming service intervals of greater than 6 mo(26 wk [182 d]) shall be loaded beginning in Week 27 at design loading, according to the time frame and percent rated daily hydraulic capacity as shown below, and shall continue dosing such that the test period equals the prescribed service interval.

Loading of the systems will be based on the following matrix:

~~System design~~	~~Design loading[1]~~					~~Stress tests~~				
	~~First 16 weeks~~	~~First 20 weeks~~	~~Last 4 weeks~~	~~Last 3.5 weeks~~	~~Last 2.5 weeks~~	~~Wash-day surge~~	~~Power / equipment failure~~	~~Vacation~~	~~Water efficiency~~	~~Cleaning solution[2]~~
~~R – bathing only~~	~~X~~	~~—~~	~~—~~	~~X~~	~~—~~	~~—~~	~~X~~	~~X~~	~~X~~	~~—~~
~~R – laundry only~~	~~X~~	~~—~~	~~—~~	~~—~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~—~~
~~R – combined~~	~~X~~	~~—~~	~~—~~	~~—~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~—~~
~~C – bathing only~~	~~—~~	~~X~~	~~X~~	~~—~~	~~—~~	~~—~~	~~X~~	~~X~~	~~—~~	~~—~~
~~C – laundry only~~	~~—~~	~~X~~	~~X~~	~~—~~	~~—~~	~~—~~	~~X~~	~~X~~	~~—~~	~~—~~
~~C – combined~~	~~—~~	~~X~~	~~X~~	~~—~~	~~—~~	~~—~~	~~X~~	~~X~~	~~—~~	~~X~~

~~[1] For 6 mo (26 wk [182 d]) test.~~

~~[2] Addition of cleaning solution during final 4.5 wk (31 d) of test.~~

System Design	**Design Loading[1] Weeks**		**Stress Tests[3] Weeks**				
	Before Stress	**After Stress**	**Wash-Day Surge**	**Power/ Equipment Failure**	**Vacation**	**Water Efficiency**	**Cleaning Solution[2]**
R – bathing only	#1-16	#22-26	—	#17(Mon-Wed)	#18(Thur)-19(Sat)	#21(Sun-Sat)	—
R – laundry only	#1-16	#25-26	#17(Fri)-18(Thur)	#19(Fri)-20(Sun)	#21(Mon)-22(Wed)	#23(Thur)-24(Wed)	—
R – combined	#1-16	#25-26	#17(Fri)-18(Thur)	#19(Fri)-20(Sun)	#21(Mon)-22(Wed)	#23(Thur)-24(Wed)	—
C – bathing only	#1-20	#24-26	—	#21(Mon-Wed)	#22(Thur)-23(Sat)	—	—
C – laundry only	#1-20	#24-26	—	#21(Mon-Wed)	#22(Thur)-23(Sat)	—	—
C – combined	#1-17	none	—	#18(Thur-Sat)	#20(Sun)-21(Tues)	—	#22(Wed)-26(Fri)

[1] For 6 mo (26 wk [182 d]) test.
[2] Addition of cleaning solution during final 4.5 wk (31 d) of test.
[3] These are the starting and ending days for each stress.
[4] Unlisted days/weeks are Design Loading between stress tests.

BSR/UL 12402-9, Standard for Personal Flotation Devices - Part 9: Test Methods

1. Adult Subject Selection Criteria

PROPOSAL

5.6.1.2DV.2 Subject requirements for Lifejackets

The following shall be used when selecting test subjects:

a) The marked mass, chest size and/or height, and/or waist size~~, and chest size~~ on the PFD;

b) Between one third and one half of test subjects shall be females;

c) For a device or group of devices with a chest size range in excess of 400 mm, subjects must represent at least one of each mesomorphic, endomorphic, ectomorphic somatotypes;

NOTE: Refer to Annex FDV to determine a subject's somatotype when there is difficulty determining ~~is~~ it visually.

d) For a device with a marked mass without a defined range (eg. >40 kg), at least one subject shall have a mass within ± 1 kg of the minimum marked mass. For a device with a marked mass with a defined range (eg. >40 - 60 kg), at least one subject shall have a mass within ±1 kg of the minimum marked mass and at least one subject shall have a mass within ± 1 kg of the maximum marked mass.

e) At least one subject shall have a chest size 25 mm (±13 mm) below the minimum marked chest size and one subject 25 mm (±13 mm) above the maximum marked chest size;

f) At least one subject shall be of a height 25 mm (±13 mm) below the minimum marked height and one subject 25 mm (±13 mm) above the maximum marked height. If no maximum height is marked on an adult device, one test subject shall be at least 1.8 m in height.

g) For inflatable belt pack devices, at least one subject shall have a waist size 25 mm (±13 mm) below the minimum marked waist size and one subject 25 mm (±13 mm) above the maximum marked waist size;

h) Subjects shall be sized as to represent the device's entire size adjustment range, or each adjacent size, proportionately; and

i) For lifejackets, subjects meeting the in-water weight criteria in clause 5.6.1.4.3DV of this part shall be included in each group of subjects.

j) For Level 50 buoyancy aids, at least one subject shall have an in-water weight meeting the criteria in clause 5.6.1.4.4DV of this part.

3. Pamphlet Attachment Strength Test

PROPOSAL

5.5.17.2DV Procedure

One complete sample of a placard ~~t~~ and its attachment means shall not break or separate from a PFD. Each different attachment means and method of attaching the placard to a PFD is to be tested.

5. Rear Pocket Testing Requirements for Adult Buoyancy Aids

PROPOSAL

Table 5DV.1 - Range of test subject in-water weights for lifejackets

Parameter	User						
	Infant	Child		Adult			
User mass range, m (kg)	m ≤ 15	15 < m ≤ 30	30 < m ≤ 40	40 < m ≤ 50	50 < m ≤ 60	60 < m ≤ 70	~~m <~~ m ≥70
Upper in-water weight (N)	-	-	28	34	40	49	55
Lower in-water weight (N)	-	-	22	22	22	24	26

Table 5DV.2 - Range of test subject in-water weights for Level 50 buoyancy aids

Parameter	User						
	Infant	Child		Adult			
User mass range, m (kg)	m ≤ 15	15 < m ≤ 30	30 < m ≤ 40	40 < m ≤ 50	50 < m ≤ 60	60 < m ≤ 70	~~m <~~ m ≥70
In-Water weight range (N)	-	-	28 - 35	34 - 43	40 - 50	49 - 62	55 - 69

5.6.13.1DV Principles

PFD~~'~~s shall be evaluated for their ability to maintain freeboard, maintain ~~a~~ relaxed static balance and, for lifejackets, not prohibit the turning action of the device when pockets are loaded with buoyant and non-buoyant material.

5.6.13.2.3DV Pocket Capacity Measurement

To determine the maximum capacity of each front pocket, rigid rectangular prisms below are to be placed in the pockets and each pocket is to be filled with as many of the prisms as it is able to hold. Based on the size and shape of the pocket, combinations of each prism size may be used.

a) (114 mm x 76 mm x 25) ± 5 mm and is to have an in-water weight of 250 ± 5 grams, and

b) (32 x 38 x 64) ± 5 mm and is to have an in-water weight of ~~250~~ 140 ± 5 grams.

To determine the maximum capacity of each ~~back~~ rear pocket, rigid rectangular prisms are to be placed in the pockets. The prisms are to measure (114 x 76 x 25) ± 5 mm, and each pocket is to be filled with as many prisms as it is able to hold. Closed cell foam buoyant material with a density of no more than 64.1 kg/m^3 and a volume equal to the rigid prisms are then to be used.

Conduct the righting, stability, and freeboard tests in accordance with 5.6.6.3ADV and 5.6.2 respectively of this part.

BSR/UL 521, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems

PROPOSALS

1. Stability Test Revisions

40 Stability Test

40.1 ~~A~~ Two heat detectors shall be subjected to the test specified in (a) – (c). Different detectors may be employed for each test. During conditions (b) and (c), there shall not be false alarms.

a) ~~A~~ Two heat detectors shall operate for ~~its~~ their intended signaling performance after being subjected for 90 days to an ambient temperature of 15 degrees below its maximum installation temperature. Alternatively, the two detectors may be subjected to a shorter time period and higher temperature as determined by the following equation:

$$\frac{4 * D_1}{D_2} = e^{-\frac{\Theta}{K}\left(\frac{1}{T_2}-\frac{1}{T_1}\right)}$$

in which:

D1 is 90 days,

D2 is the proposed time period in days,

T1 is the temperature in Kelvin when testing for 90 days,

T2 is the temperature in Kelvin when testing for proposed time period in days,

Θ is 0.65 eV and

K is 8.62 x 10-5 eV/K.

Two samples are to be placed in a circulating air oven and energized from a source of rated voltage and frequency. Following removal, the energized samples are to be permitted to cool to room temperature for at least 24 hours.

b) Fifty cycles of momentary (approximately 1/2 second) interruption of the detector power supply at a rate of not more than 6 cycles per minute.

c) Three plunges from an ambient humidity of 20 ±5 percent relative humidity to an ambient of 90 ±5 percent relative humidity at 23 ±2°C (73.4 ±3.6°F).

40.2 Two detectors are to be mounted in a position of intended use, energized from a source of supply in accordance with Test Voltages, Section 16, and subjected to each of the test conditions in 40.1.

40.3 For 40.1 (a), ~~the~~ two detectors ~~is to~~ shall be mounted on wooden supports simulating intended installation and ~~is to~~ shall be connected to indicating lamps or equivalent means to indicate a false alarm.

40.4 For 40.1 (c), the two heat detectors ~~is to~~ shall be individually plunged from one humidity level to the other in not more than 3 seconds ~~per~~ between each plunge and maintained at each humidity level for not less than ~~1/2 hour~~ 30 min between plunges.

40.5 At the conclusion of conditions 40.1 (a) – (c), the heat detectors shall comply with the requirements of the Oven Test, Section 19, the Operating Temperature Test, Section 22, or the Rate-of-Rise Operation Test, Section 23, whichever is applicable.

40.6 A heat detector that uses eutectic metal technology shall be subjected to the test specified below:

a) The heat detector shall operate for its intended signaling performance after being subjected for 90 days to an ambient temperature of 93 ±5 percent relative humidity at 8.3°C (15°F) below the heat detector set point. Ten samples mounted in their intended mounting position are to be placed in a circulating air oven and energized for 90 days from a source of rated voltage and frequency. Following removal from the circulating air oven, the samples are to cool to room temperature for at least 24 hours. The samples shall then be subjected to the Operating Temperature Test, section 22, to determine the activation temperature.

2. Oven Test Clarification

19.1 A heat detector that operates in 2 minutes or less when subjected to the time-temperature condition shown by Figure 19.1 is eligible for a 15-foot (4.57-m) installation spacing. Heat detector samples shall be uniform in operation when mounted in the same position. They shall be tested in each of the different positions permitted by the design. Operation is considered uniform if the heat detectors operate within the applicable temperature range indicated in the tabulation under the Operating Temperature Test, Section 22. See Table 22.1. While conducting the Oven Test, Section 19, the range of operation need not include the temperature rating of the device; the operating temperature (set-point) is determined by the test in Section 22 (Operating Temperature Test).

BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Revision of Scope

1.1 These requirements cover temporary-use, seasonal decorative-lighting products and accessories with a maximum input voltage rating of 120 V to be used in accordance with the National Electrical Code, ANSI/NFPA 70. Temporary-use is considered to be a period of installation and use not exceeding 90 days. This Standard also covers factory-assembled parallel-connected string lights intended for year round use as described in Supplement SD.

BSR/UL 674, Standard for Safety for Electric Motors and Generators for Use in Hazardous (Classified) Locations

1. Revision to replace UL 508C reference with UL 61800-5-1 in Annex B and CSA standards referenced in Annex B as well as their corresponding entries in Annex A of the Standard for Safety for Electric Motors and Generators for Use in Hazardous (Classified) Locations, UL 674.

PROPOSAL

Annex B (informative)

B1 Component Standards

B1.1 ANCE, CSA and UL Standards listed below are used for evaluation and features of products covered by this standard.

B1.2 Where reference is made to CSA Standards of the Canadian Electrical Code, Parts I and II, or to UL Standards, such reference shall be considered to refer to the latest edition and revision thereto, unless otherwise specified.

Item	U.S.A	Canada	Mexico
1	UL 20, General-Use Snap Switches	C22.2 No. 111, General Use Snap Switches	
2	UL 310, Electrical Quick-Connect Terminals	C22.2 No. 153, Electrical Quick-Connect Terminals	
3	UL 467, Grounding and Bonding Equipment	CAN/CSA C22.2 No. 0.4, Bonding of Electrical Equipment	
4	UL 486E, Equipment Wiring Terminals for Use With Aluminum and/or Cooper Conductors	C22.2 No. 158, Terminal Blocks	
5	UL 489, Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	C22.2 No. 5, Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	
6	UL 508, Industrial Control Equipment	C22.2 No. 14, Industrial Control Equipment	
7	UL ~~508C~~, ~~Power Conversion Equipment~~ 61800-5-1, Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal, and Energy	C22.2 No. 14, Industrial Control Equipment	
8	UL 746C, Polymeric Materials - Use in Electrical Equipment Evaluations	CAN/CSA C22.2 No. 0.17-00, Evaluation of Properties of Polymer Materials	
9	UL 796, Printed-Wiring Boards	No equivalent - use 0.17 for flammability, etc.	
10	UL 873, Temperature-Indicating and -Regulating Equipment	C22.2 No. 24~~-93~~, Temperature-Indicating and -Regulating Equipment	
11	UL 969, Marking and Labeling Systems	C22.2 No. 0.15, Adhesive Labels	
12	UL 1054, Special-Use Switches	C22.2 No. 55, Special Use Switches	

Item	U.S.A	Canada	Mexico
13	UL 1059, Terminal Blocks	C22.2 No. 158, Terminal Blocks	
14	UL 1203, Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations	CSA C22.2 No. 30, Explosion-Proof Equipment CSA C22.2 No. 25, Enclosures for Use in Class II, Division 1, Groups E, F and G Hazardous Locations	
15	UL 2111, Overheating Protection for Motors	C22.2 No. 77, Motors with Inherent Overheating Protection	
16	UL 60691, Thermal Links - Requirements and Application Guide	CAN/CSA ~~E~~ C22.2 No. 60691, Thermal Links - Requirements and Application Guide	
17	UL 61058-1, Switches for Appliances - Part 1: General Requirements	CAN/CSA C22.2 No. 61058-1, Switches for Appliances - Part 1: General Requirements	

Annex A (normative)

Standard References

Item	U.S.A	Canada	Mexico
1	NFPA 70, National Electrical Code	CSA C22.1-09, Canadian Electrical Code, Part 1	NOM – 001-SEDE,Electrical Installations (Utility)
2	UL 1004-1, Standard for Rotating Electrical Machines - General Requirements	CSA C22.2 No. 100, Motors and Generators	
3	UL 1004-2, Standard for Impedance Protected Motors	CSA C22.2 No 77, Motors with Inherent Overheating Protection	
4	UL 1004-3, Standard for Thermally Protected Motors	CSA C22.2 No. 77, Motors with Inherent Overheating Protection~~.~~	
5	UL 1004-4, Standard for Electric Generators	CSA C22.2 No. 100, Motors and Generators	
6	UL 1004-5, Standard for Fire Pump Motors		
7	UL 1004-6, Standard for Servo and Stepper Motors		
8	UL 1004-7, Standard for Electronically Protected Motors		
9	UL 1004-8, Standard for Inverter Duty Motors		

Item	U.S.A	Canada	Mexico
10	UL 1203, Explosion Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations	CSA C22.2 No. 30, Explosion-Proof ~~Enclosures for Use in Class I Hazardous Locations.~~ Equipment CSA C22.2 No. 25, Enclosures for Use in Class II, Division 1 Groups E, F and G Hazardous Locations	
11	UL 60691, Thermal-Links – Requirements and Application Guide	~~CSA C22.2 No. 209, Thermal Cut Offs~~ CAN/CSA-C22.2 No. 60691	
~~12~~	~~UL 1203, Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations~~	~~CSA C22.2 No. 25, Enclosures for Use in Class II Groups E, F and G Hazardous Locations~~	
13	ANSI/ASME B1.20.1-19xx, Pipe Threads, General Purpose (Inch)	ANSI/ASME B1.20.1-19xx, Pipe Threads, General Purpose (Inch)	
14	ANSI/ASME B46.1-1985 – Standard for Surface Texture (Surface Roughness, Waviness, and Lay)~~.~~	ANSI/ASME B46.1-1985 – Standard for Surface Texture (Surface Roughness, Waviness, and Lay)	
15	ASTM E11-87 - Specification for Wire-Cloth Sieves for Testing Purposes.	ASTM E11-87 - Specification for Wire-Cloth Sieves for Testing Purposes	
16	ASTM E28-67 - Test Method for Softening Point by Ring-and-Ball Apparatus~~.~~	ASTM E28-67 - Test Method for Softening Point by Ring-and-Ball Apparatus	
17	ASTM E155-85 - Reference Radiographs for Inspection of Aluminum and Magnesium Castings.	ASTM E155-85 - Reference Radiographs for Inspection of Aluminum and Magnesium Castings	
18	No equivalent	CSA C22.2 No. 0, General Requirements - Canadian Electrical Code, Part II	