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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.

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 www.aafs.org
Contact: Teresa Ambrosius; tambrosius@aafs.org

New Standard

BSR/ASB Std 172-202x, Standard for Examination of Mechanical Checkwriters and Their Impressions (new standard)

Stakeholders: Forensic document examiners in both the private and public sectors are potentially impacted as an examination involving mechanical checkwriters or their impressions can appear in casework.
Project Need: While mechanical checkwriters have limited use, these machine or impression examinations arise in casework for forensic document examiners. The forensic examination of these machines and their impressions fall under the venue of forensic document examination. While the need for these examinations will be infrequent, it is necessary for the document examiner to understand the procedures for examination and the principles behind them.
Scope: This standard provides procedures for determining classification information and machine identification of mechanical checkwriters. These procedures include evaluation of the material. These procedures are applicable whether the examination and comparison is of questioned and known items or of exclusively questioned items.

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 https://www.asabe.org/
Contact: Carla VanGilder; vangilder@asabe.org

Revision

BSR/ASAE S318.19 MONYEAR-202x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.18-JUN2017)

Stakeholders: Manufacturers of tractors and farm equipment which use the tractor Power Take-off, academia, and users of farm equipment.
Project Need: Three needs drive this project. First, the reference to the agricultural field equipment braking standard needs to replace the withdrawn standard with the current standard. Second, the operator presence control clause that redundantly cites a normative safety standard for the operator presence control on self-propelled agricultural machinery needs to be removed. Third, the agricultural tractor PTO operator presence control specification needs to be removed because the hazard is fully addressed by other state-of-the-art agricultural equipment safety standards.
Scope: The standard is a guide to provide a reasonable degree of personal safety for operators and other persons during the normal operation and servicing of agricultural field equipment. This particular project will update the normative reference to the agricultural equipment braking standard and remove the operator presence control from this standard.

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 www.x9.org
Contact: Ambria Frazier; Ambria.frazier@x9.org

Revision

BSR X9.143-202X, Interoperable Secure Key Exchange Key Block Specification for Symmetric Algorithms (revision of ANSI X9.143-2021)

Stakeholders: Banks, developers, payment network participants, auditors.
Project Need: Technical and editorial issues found could potentially create problems for interoperability and need to be resolved. This document is needed as it establishes the security requirements for an interoperable Key Block, which is a structure containing the encrypted key and its attributes wrapped together.
Scope: This document describes a method consistent with the requirements of ANSI X9.24, Retail Financial Services - Symmetric Key Management - Part 1, for the secure exchange of keys between SCDs that share a symmetric key to wrap keys and other relevant data. This could be host-to-host- or host-to-transaction-originating SCD. This method may also be used for the storage of keys under a symmetric key.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 www.aws.org
Contact: Rakesh Gupta; gupta@aws.org

Revision

BSR/AWS A5.3/A5.3M-1999 (R201x), Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.3/A5.3M-1999 (R2007))

Stakeholders: Producers of aluminum filler metal and fabricators are the major stakeholders.
Project Need: Welding industry needing aluminum welding needs it.
Scope: This specification prescribes requirements for the classification of covered (flux-coated) E1100, E3003, and E4043 aluminum-alloy electrodes for shielded metal arc welding. Tests conducted for classification are chemical analysis of the core wire as well as tensile and bend tests from groove weld test assemblies fabricated with each of two sizes of electrode for each classification. Standard electrode sizes, electrode identification, and chemical composition limits are specified. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each system must be used independently of the other.

HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 www.pumps.org
Contact: Edgar Suarez; esuarez@pumps.org

Revision

BSR/HI 9.8-202x, Rotodynamic Pumps for Pump Intake Design (revision of ANSI/HI 9.8-2018)

Stakeholders: Pump manufacturers, specifiers, purchasers, and users.
Project Need: To improve upon the existing ANSI/HI 9.8 standard.
Scope: This standard applies to the design of new intakes as well as the modification of existing designs used with rotodynamic pumps. It outlines standard intake designs based on certain criteria, beyond which requires a physical model study to be in compliance with the standard.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 www.ieee.org
Contact: Lisa Weisser; l.weisser@ieee.org

New Standard

BSR/IEEE 11073-10429-202X, Health Informatics - Device Interoperability - Part 10429: Personal Health Device Communication - Device Specialization - Spirometry (new standard)

Stakeholders: People who use spirometers as personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from spirometers (e.g., hospitals, doctor offices, and diet and fitness companies), payors (e.g., insurance companies), regulatory agencies, telemedicine consultants and businesses.
Project Need: There is no existing ISO/IEEE 11073 communication standard for spirometers deployed as a personal health device. This standard aims to address the needs of the personal telehealth market but may have relevance for spirometers used in other settings. Implementers of this standard will have a clear definition of what is required to implement the interoperable communication functionality for spirometry devices. For end-users, this standard addresses a market need to provide interoperability among personal telehealth devices and managers that interact with the collected information.
Scope: Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between personal telehealth spirometry devices and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for personal telehealth spirometry.

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

700 K Street NW, Suite 600, Washington, DC 20001 www.incits.org
Contact: Deborah Spittle; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 10373-6:2020/AM1:2021 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 10373-6:2020/AM1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 1 to ISO/IEC 10373-6:2020.

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National Adoption

INCITS/ISO/IEC 10373-6:2020/AM2:2020 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 10373-6:2020/AM2:2020)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 2 to ISO/IEC 10373-6:2020.

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

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National Adoption

INCITS/ISO/IEC 11693-2:2009 [202x], Identification cards - Optical memory cards - Part 2: Co-existence of optical memory with other machine readable technologies (identical national adoption of ISO/IEC 11693-2:2009)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Defines the conditions under which optical memory can co-exist with other machine-readable card technologies.

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National Adoption

INCITS/ISO/IEC 11693-3:2015 [202x], Identification cards - Optical memory cards - Part 3: Authentication techniques (identical national adoption of ISO/IEC 11693-3:2015)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Defines the authentication techniques.

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National Adoption

INCITS/ISO/IEC 14443-2:2020/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 2: Radio frequency power and signal interface - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-2:2020/AM1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 1 to ISO/IEC 14443-2:2020.

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National Adoption

INCITS/ISO/IEC 14443-3:2018/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-3:2018/AM1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 1 to ISO/IEC 14443-3:2018.

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National Adoption

INCITS/ISO/IEC 14443-3:2018/AM2:2020 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-3:2018/AM2:2020)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 2 to ISO/IEC 14443-3:2018.

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National Adoption

INCITS/ISO/IEC 14443-4:2018/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 1 to ISO/IEC 14443-4:2018.

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National Adoption

INCITS/ISO/IEC 14443-4:2018/AM2:2020 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 4: Transmission protocol - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-4:2018/AM2:2020)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 2 to ISO/IEC 14443-4:2018.

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National Adoption

INCITS/ISO/IEC 17839-1:2014 [202x], Information technology - Biometric System-on-Card - Part 1: Core requirements (identical national adoption of ISO/IEC 17839-1:2014)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Establishes functional architecture of a Biometric System-on-Card, definition of type S1 (fully ISO/IEC 7810 compliant) and type S2 implementation of a Biometric System-on-Card, sensor types in a Biometric System-on-Card, minimum requirements to a Biometric System-on-Card with respect to: discriminative power (i.e., biometric accuracy criteria), interfaces, and power supply options.

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National Adoption

INCITS/ISO/IEC 17839-2:2015 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics (identical national adoption of ISO/IEC 17839-2:2015)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Defines the following: dimensions of a Biometric System-on-Card type S1 and type S2; position and size of the biometric capture device; minimum requirements to a Biometric System-on-Card with respect to: mechanical durability and man-machine interface and ergonomics. The standardization of other on-card devices such as an electronic display or a keypad is outside the scope of this part of ISO/IEC 17839.

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National Adoption

INCITS/ISO/IEC 17839-3:2016 [202x], Information technology - Identification cards - Biometric System-on-Card - Part 3: Logical information interchange mechanism (identical national adoption of ISO/IEC 17839-3:2016)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: ISO/IEC 17839-3:2016: logical data structures for a BSoC, enrollment procedures, and usage of commands and data structures defined in other ISO standards for BSoC. ISO/IEC 17839-3:2016 does not define requirements for commands and data structures that apply to devices external to a BSoC, and commands and data structures that apply to logical interfaces inside a BSoC.

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National Adoption

INCITS/ISO/IEC 17839-2:2015/AM1:2021 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics - Amendment 1: Additional specifications for fingerprint biometric capture devices (identical national adoption of ISO/IEC 17839-2:2015/AM1:2021)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Amendment 1 to ISO/IEC 17839-2:2015.

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National Adoption

INCITS/ISO/IEC 18328-1:2015 [202x], Identification cards - ICC-managed devices - Part 1: General framework (identical national adoption of ISO/IEC 18328-1:2015)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Describes the general architecture of an ICC with ICC-managed devices. ISO/IEC 18328-1:2015 is one of a series of International Standards which outlines the content and the boundaries covered and standardized by the other parts of ISO/IEC 18328. The general principle of this part of ISO/IEC 18328 is that all activities regarding the ICC-managed devices are controlled by the card-IC. This principle also applies when ICC-managed devices are outside the card. ISO/IEC 18328-1:2015 is applicable for all kind of cards, independent of interface technology for communication.

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National Adoption

INCITS/ISO/IEC 18328-3:2016 [202x], Identification cards - ICC-managed devices - Part 3: Organization, security and commands for interchange (identical national adoption of ISO/IEC 18328-3:2016)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Specifies the logical interface of an application supporting the necessary security features in a card-IC which communicates with the external world by a physical interface supporting APDUs. This application supports the usage of electronic devices.

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

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National Adoption

INCITS/ISO/IEC 18328-4:2018 [202x], Identification cards - ICC-managed devices - Part 4: Test methods for logical characteristics (identical national adoption of ISO/IEC 18328-4:2018)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Specifies the test methods used for conformity testing, to determine whether an ICC with at least one ICC-managed device is considered to conform with the specifications of ISO/IEC 18328-3, e.g., device management and device handling.

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

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Contact: Deborah Spittle; comments@standards.incits.org

National Adoption

INCITS/ISO/IEC 18745-1:2018 [202x], Test methods for machine readable travel documents (MRTD) and associated devices - Part 1: Physical test methods for passport books (durability) (identical national adoption of ISO/IEC 18745 -1:2018)

Stakeholders: ICT industry.
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Provides a set of instructions for evaluation of MRPs which may incorporate contactless integrated circuits. This evaluation is an instrument to establish the ability in principle of a specific type of document to fulfill the requirements of use. It supplies a structured approach to evaluate MRPs by: defining reproducible stress methods to submit the document(s) under evaluation to specific stress or environmental conditions; defining reproducible evaluation methods to measure numerical values for specific document properties; defining test sequences that specify the order in which stress methods and evaluation methods are to be performed; and defining test plans to link specific user requirements to test sequences and related parameters.

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National Adoption

INCITS/ISO/IEC 18584:2015 [202x], Information technology - Identification cards - Conformance test requirements for on-card biometric comparison applications (identical national adoption of ISO/IEC 18584:2015)

Stakeholders: ICT Industry
Project Need: Adoption of this International Standard is beneficial to the ICT industry.
Scope: Establishes conformance test requirements for using general framework for on-card comparison applications, conformance test requirements for using work-sharing mechanism for on-card comparison applications, and conformance test requirements to check the accomplishment of security policies for on-card biometric comparison that are specified in ISO/IEC 24787:2010.

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 www.nema.org
Contact: David Richmond; David.Richmond@nema.org

New Standard

BSR C136.57-202x, Wall Mounted Luminaires (new standard)

Stakeholders: Lighting Manufacures, Designers, End Users
Project Need: No standard currently exists for wall-mounted luminaires used in area lighting applications.
Scope: This standard covers dimensional, maintenance, and light distribution features that permit the interchange of wall mounted luminaires. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably within a system with assurance that:
- The luminaires mount on wall surfaces;
- Light distribution will be similar; and
- Similar maintenance procedures can be used.

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 www.nema.org
Contact: Paul Orr; pau_orr@nema.org

New Standard

BSR/NEMA TP 80000-202x, Low Voltage AC Transformer Configured with Power Conversion for Use in/around Data Centers (new standard)

Stakeholders: Transformer Manufacturers, Building Engineers, Developers and Consultants, Government and Academia, Data Center Installers
Project Need: Growth in use and installation of Data Centers.
Scope: The Data Center industry is growing almost exponentially in the U.S. Each center uses at least one transformer, but larger centers with multiple storage banks could require upwards of a dozen. The servers and cooling equipment require DC current, supplied through a configuration of a LV AC transformer coupled with a power conversion device (a PDU or inverter). The transformers are typically rated at 480/208Y or 480/415Y, or with a combined secondary. This standard would provide requirements for the LV AC transformer to be configured with power conversion for use in/around data centers.

NEMA (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 www.nema.org
Contact: Paul Orr; pau_orr@nema.org

New Standard

BSR/NEMA TP-80001-202x, Standard for Low Voltage DC transformers for use with data centers in applications with on-site solar PV (new standard)

Stakeholders: Transformer Manufacturers, Building Engineers, Data Center Designers, Developers and Consultants Government and Academia
Project Need: Transformer standards needed for nationwide data center expansion.
Scope: The Data Center industry is growing almost exponentially in the U.S. Each center uses at least one transformer, but larger centers with multiple storage banks could require upwards of a dozen. The servers and cooling equipment require DC current, supplied through a configuration of a low-voltage AC transformer coupled with a power conversion device (a PDU or inverter). This standard would cover requirements for these transformers.

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 www.resnet.us.com
Contact: Richard Dixon; rick.dixon@resnet.us

New Standard

BSR/ICC/RESNET 1450-202x, Remote Virtual Inspection for Energy and Water Performance in Buildings (new standard)

Stakeholders: Homebuilders, HVAC Contractors, Insulation Contractors, Building Remodelers, Weatherization Companies, Insulation Companies, Appliance Manufacturers, Product Distributors, Program Administrators (e.g. Government Agencies, Utilities, Home Energy Rating Companies, and Residential Building Energy Performance Organizations), Building Officials, State and Local Governments.
Project Need: Building construction is rapidly evolving and the governmental entities charged with providing oversight to ensure the construction of safe buildings whose performance meets society's energy and health goals and expectations are challenged to adapt. While the COVID-19 pandemic highlighted the need for new methods to inspect construction other than by onsite inspections, the need has been building for awhile as the inspector workforce has shrunk and inspection agencies resources have come under financial pressure. Remote Virtual Inspection (RVI) is a tool to address these problems and organizations such as the International Code Council have developed guidance documents to assist code enforcement entities. The model building codes have also evolved to recognize alternative means of determining compliance such as accepting energy ratings conducted in accordance with standard ANSI/RESNET/ICC 301. Energy ratings are determined by the private sector raters. To combine and advance the efficiency and efficacy potentials of these two new approaches to determining code compliance, there needs to be standardized criteria for how RVI is implemented. A national consensus standard for RVI as it applies to energy- and water-use efficiency inspections and ratings will provide the code-enforcement authorities with assurance that the ratings they accept for code compliance are reliable.
Scope: The new standard will provide guidance for implementing Remote Virtual Inspection (RVI) for energy code compliance and for building water and energy efficiency performance. It will provide criteria for virtual code inspections conducted by performance raters for checking all aspects of permitted construction for compliance with energy codes and other energy-related applicable laws and regulations. The standard will address using RVI to inspect a building's water use performance as determined by ANSI/RESNET/ICC 850 and to inspect a building's energy use performance as determined by ANSI/RESNET/ICC 301.

SCS (SCS Standards Development)

2200 Powell Street, Suite 725, Emeryville, CA 94608 www.scsglobalservices.com
Contact: Linda Brown; lbrown@scsglobalservices.com

New Standard

BSR/SCS 003-202x, Certification Standard for Radiative Forcing Management (new standard)

Stakeholders: Stakeholders include governments, companies, institutions, and other entities interested in reducing their contribution to climate change, as well as RF reduction project proponents.
Project Need: Greenhouse gas (GHG) emissions are the primary focus of current GHG inventory and carbon footprint approaches. However, in addition to GHGs, the IPCC has identified the important role that short-lived climate pollutants such as black carbon and tropospheric ozone, and other factors, such as changes in surface albedo and carbon sequestration, are playing in altering to the Earth's energy balance. This Standard will complement existing standards by: (1) addressing a wider range of well-mixed and non-well-mixed gases, aerosols, and particulate emissions as well as non-emission factors that influence global radiative forcing (RF) ("climate forcers"); and (2) supporting the assessment and quantification of RF inventories, RF footprints, and RF reduction projects over multiple timescales. RF footprints will also account for legacy GHGs (i.e., the well-mixed GHGs emitted in the past that remain in the atmosphere and are still contributing to current-day RF levels), as well as the future RF contribution of GHG emissions. Additionally, the RF management approach will include trade-off analysis
– the assessment of potential co-benefits and adverse impacts that could arise from implementation of RF reduction projects; and
– in order to inform and steer users away from projects with unintended negative consequences.
Scope: Radiative forcing (RF) is the common, underlying metric by which all anthropogenic and biogenic factors influencing the climate system can be evaluated. For instance, it is the basis upon which carbon dioxide equivalents are calculated when determining the relative potency of greenhouse gases compared to carbon dioxide over various timeframes. The many drivers of increased RF include greenhouse gases, particulates, aerosols, and other emissions, and changes in the albedo of clouds and ground-level surfaces. Over time, sustained increases in RF lead to increasing climate disruption and higher global mean temperatures (GMT). Reducing RF is therefore essential to slowing climate change and stabilizing the climate. This standard will provide a common framework for RF management – i.e., accounting for contribution to changes in RF, and identification and implementation of projects to reduce or offset positive RF. The framework will include the steps that entities should take to establish their RF footprint, identify projects to reduce or offset RF that will not cause unintended adverse impacts, and have such projects validated and verified. In addition, the framework will support the development of a 2030 climate roadmap aimed at near-term RF stabilization consistent with the findings of IPCC reports.

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 www.scte.org
Contact: Kim Cooney; kcooney@scte.org

Reaffirmation

BSR/SCTE 233-2016 (R202x), Wavelength-Division Multiplex Small Form Factor Pluggable (PXFP-WDM) Optical Transmitter Module Interface Specification (reaffirmation of ANSI/SCTE 233-2016)

Stakeholders: Cable Telecommunications Industry
Project Need: Update current technology.
Scope: A PON Extender architecture utilizing WDM optics enables 10GEPON to be deployed over limited fibers and distances over 20 km. Figure 1 shows a typical system-use case for a PON Extender architecture. This specification focuses on the communications, electrical, optical, and mechanical interfaces for the Wavelength-Division Multiplex Small-Form Factor Pluggable transceiver module (PXFP-WDM). PXFP-WDM is a pluggable optical transceiver module. The basic requirements are plugging into existing XFP ports in the OLT and having CWDM or DWDM 2-fiber optics (1 port for transmit and 1 port for receive). The downstream data rate is 10 Gb/s in continuous mode. The upstream data rate is a mix of 10 Gb/s and 1.25 Gb/s in continuous mode to handle co-existence of 10/10 and 10/1 ONUs in the same PON group.

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 https://ul.org/
Contact: Griff Edwards; griff.edwards@ul.org

New Standard

BSR/UL 258-202x, Standard for Shutoff Valves for Trim and Drain Purposes for Fire-Protection Service (new standard)

Stakeholders: Valve manufacturers, authorities having jurisdiction, fire-protection engineers, users, first responders, sprinkler system manufacturers
Project Need: To provide an ANSI-approved standard, UL 258, which provides the requirements for shutoff valves for trim and drain purposes for fire-protection service and will replace the non-consensus Outline of Investigation document.
Scope: These requirements cover shutoff valves for trim and drain purposes for fire protection service. This standard covers valve constructions such as ball valves, butterfly valves, globe valves, and plug valves. These valves are intended for installation and use in accordance with the following standards:
a) Low Expansion Foam, NFPA 11;
b) Sprinkler Systems, NFPA 13;
c) Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D;
d) Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R;
e) Standpipe and Hose Systems, NFPA 14;
f) Water Spray Fixed Systems for Fire Protection, NFPA 15;
and
g) Stationary Pumps for Fire Protection, NFPA 20.

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: July 25, 2021

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

180 Technology Parkway, Peachtree Corners, GA 30092 | e: cking@ashrae.org, w: www.ashrae.org

Revision

BSR/ASHRAE Standard 41.6-202x, Standard Methods for Humidity Measurements (revision of ANSI/ASHRAE Standard 41.6 -2014)
This revision of ANSI/ASHRAE Standard 41.6-2014 prescribes methods for measuring the humidity of moist air with instruments.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

GBI (Green Building Initiative)

PO Box 80010, Portland, 97280 | e: emarx@thegbi.org, w: www.thegbi.org

Revision

BSR/GBI 01-202X, Green Globes Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2019)
The Standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial buildings. Six areas of green building design will be included: environmental/project management, site, energy, water efficiency, materials, and indoor environment.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Emily Marx (503) 274-0448 103 comment@thegbi.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: jsnider@nsf.org, w: www.nsf.org

Revision

BSR/NSF 14-202x (i112r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)
This Standard establishes minimum physical, performance, and health effects requirements for plastics piping system components and related materials. These criteria were established for the protection of public health and the environment.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

Comment Deadline: July 25, 2021

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | e: laura.werner@ul.org, w: https://ul.org/

Revision

BSR/UL 1389-202x, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations (revision of ANSI/UL 1389-2020)
This Standard covers commercial and industrial plant oil extraction equipment for installation and use indoors in ordinary (unclassified) locations and hazardous (classified) locations. Based on the application, installation is in accordance with the manufacturer's installation instructions, together with the following, as applicable: (a) CSA C22.1, Canadian Electrical Code, Part 1 (CE Code); ULC-S4400, Premises, Buildings and Equipment Utilized for the Cultivation, Processing and Production of Cannabis; National Fire Code of Canada (NFC); and CSA B149.1, Natural Gas and Propane Installation Code; and (b) NFPA 70, National Electrical Code (NEC), International Fire Code (IFC), NFPA 1, Fire Code, NFPA 55 Compressed Gases and Cryogenic Fluids Code, and NFPA 58, Liquefied Petroleum Gas Code. Plant oil extraction equipment includes: (a) Preparatory equipment, for preparing the plant material for extraction of the oil, such as trimming, deseeding, and drying/curing; (b) Extractors, for removing the oil from the plant material by the use of i butane, iethanol, n-hexane, liquefied petroleum gas (LPG), ipentane or propane (flammable solvents) and Carbon Dioxide (CO2) (non-flammable solvent); (c) Extraction booths or pods, for enclosing/protecting plant oil extraction equipment; and (d) Post-processing equipment, for finalizing the plant oil extraction process such as vacuum ovens, rotary evaporators, and solvent recovery pumps.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | e: megan.monsen@ul.org, w: https://ul.org/

Revision

BSR/UL 1691-202x, Standard for Safety for Single-Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2018)
This proposed Second Edition of the Standard for Standard for Single-Pole Locking-Type Separable Connectors, UL 1691, includes the following proposal: Alternative Marking and Instructions for Manufacturer’s Website, Section 37.6.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 9, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | e: tambrosius@aafs.org, w: www.aafs.org

New Standard

BSR/ASB Std 138-202x, Standard for Collection of Known DNA Samples from Domestic Mammals (new standard)
This standard provides the protocol for obtaining genetic known evidence samples (i.e., buccal swabs and pulled hair) for the purpose of genetic analysis from domestic animals such as dogs, cats, or livestock. This standard does not address sampling of non-domesticated animals.
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 (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: August 9, 2021

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | e: ansibox@asme.org, w: www.asme.org

Revision

BSR/ASME CSD-1-202x, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2018)
The rules of this Standard cover requirements for the assembly, installation, maintenance, and operation of controls and safety devices on automatically operated boilers directly fired with gas, oil, gas-oil, or electricity.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Carlton Ramcharran; ramcharranc@asme.org

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | e: polson@awwa.org, w: www.awwa.org

Reaffirmation

BSR/AWWA C541-2016 (R202x), Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves (reaffirmation of ANSI/AWWA C541-2016)
This standard describes hydraulic and pneumatic linear and quarter-turn actuators for operation of valves and slide gates in utility systems.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to: Paul Olson; polson@awwa.org

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | e: polson@awwa.org, w: www.awwa.org

Reaffirmation

BSR/AWWA C542-2016 (R202x), Electric Motor Actuators for Valves and Slide Gates (reaffirmation of ANSI/AWWA C542 -2016)
This standard describes electric motor actuators for valves and slide gates in water, wastewater, and reclaimed water utility systems.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to:Paul Olson; polson@awwa.org

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 | e: cfelinski@b11standards.org, w: https://www.b11standards.org/

Revision

BSR/B11.6-202x, Safety Requirements for Manual Turning Machines with or without Automatic Control (revision of ANSI B11.6-2001 (R2020))
This standard specifies safety requirements for the design, construction, operation, and maintenance (including installation, dismantling, and transport) of the general class of manually controlled horizontal and vertical spindle turning machines. Machines covered by this standard are intended to work metals and other man-made materials. This standard also applies to devices that are integral to the machine.
Single copy price: $79.00
Obtain an electronic copy from: dfelinski@b11standards.org
Send comments (copy psa@ansi.org) to: David Felinski; dfelinski@b11standards.org

Comment Deadline: August 9, 2021

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | e: lprats@boma.org, w: www.boma.org

Revision

BSR/BOMA Z65.6-202x, BOMA 2021 for Mixed-Use Properties: Standard Method of Measurement (revision of ANSI/BOMA Z65.6-2012)
BOMA 2021 for Mixed-Use Properties: Standard Method of Measurement is intended exclusively for mixed-use properties and their associated structures. It may be used to measure new, existing, and proposed mixed-use properties. The standard is chiefly designed to generate mixed-use common area allocations on a proportionate basis according to the relative sizes of each mixed-use component for integration with the applicable single-use BOMA standards; however, it also produces area figures which may be of interest to those examining space utilization, valuation, benchmarking, and the allocation of building expenses to various cost centers.
Single copy price: Free
Obtain an electronic copy from: floorstandards@boma.org
Send comments (copy psa@ansi.org) to: floorstandards@boma.org

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 | e: ansi.contact@csagroup.org, w: www.csagroup.org

Addenda

BSR Z21.1a-201x/CSA 1.1a-202x, Household cooking gas appliances (same as CSA 1.1a) (addenda to ANSI Z21.1-2018/CSA 1.1-2018)
This Standard applies to newly produced household cooking gas appliances (see Clause 3, Definitions), referred to in this standard as units or appliances, constructed entirely of new, unused parts and materials. These appliances may be floor-supported or built-in.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contactg@csagroup.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | e: Khaled.Masri@nema.org, w: www.nema.org

Revision

BSR ICEA S-90-661-202x, Standard for Category 3 and 5E Individually Unshielded Twisted Pairs, Indoor Cables (with or without an Overall Shield) for Use in General Purpose and LAN Communication Wiring Systems (revision of ANSI/ICEA S-90 -661-2012)
This Standard covers mechanical, electrical, and flammability requirements for thermoplastic-insulated and -jacketed, copper-conductor, individually unshielded twisted-pair indoor cables, with or without an overall shield, intended primarily for use as horizontal cables, backbone cables, or patch cordage. Depending upon the application and system requirements, this Standard provides choices for materials, transmission characteristics, and flammability ratings.
Single copy price: $100.00
Obtain an electronic copy from: Khaled.Masri@nema.org
Order from: Communications@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri; Khaled.Masri@nema.org

Comment Deadline: August 9, 2021

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | e: Khaled.Masri@nema.org, w: www.nema.org

Revision

BSR ICEA S-91-674-202x, Coaxial and Coaxial/Twisted Pair Hybrid Buried Service Wires - Technical Requirements (revision of ANSI ICEA S-91-674-2011)
This Standard covers mechanical and electrical requirements of service wires containing at least one coaxial core and optionally up to six twisted pairs, used for service applications to extend the telephone/multimedia circuit from the distribution terminal to the subscriber's station protected NID (Network Interface Device) or protected NIU (Network Interface Unit).
Single copy price: $172.00
Obtain an electronic copy from: Khaled.Masri@nema.org
Order from: Communications@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri; Khaled.Masri@nema.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | e: Khaled.Masri@nema.org, w: www.nema.org

Revision

BSR ICEA S-92-675-202x, Coaxial and Coaxial/Twisted Pair Hybrid Aerial Service Wires - Technical Requirements (revision of ANSI ICEA S-92-675-2011)
This Standard covers mechanical and electrical requirements of service wires containing at least one coaxial core and optionally up to six twisted pairs, used for service applications to extend the telephone/multimedia circuit from the distribution terminal to the subscriber's station protected NID (Network Interface Device) or protected NIU (Network Interface Unit).
Single copy price: $160.00
Obtain an electronic copy from: Khaled.Masri@nema.org
Order from: Communications@nema.org
Send comments (copy psa@ansi.org) to: Khaled Masri; Khaled.Masri@nema.org

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02169 | e: dbellis@nfpa.org, w: www.nfpa.org

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION
The National Fire Protection Association announces the availability of the NFPA First Draft Reports for concurrent review and comment by NFPA and ANSI. The First Draft Report contains the disposition of public inputs that were received for the revision of the 2017 edition of this standard.
The First Draft Report is located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example ww.nfpa.org/101next), can easily access the document's information page. All Comments on this standard must be submitted by August 24, 2021. The disposition of all comments received from the review of the First Draft Report will be published in the Second Draft Report, and will also be available on the document's information page under the next edition tab.
For more information on the rules and up-to-date information on deadlines for processing NFPA standards, check the NFPA website (http://www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 1986-202x, Standard on Respiratory Protection Equipment for Tactical and Technical Operations (revision of ANSI/NFPA 1986-2017)
This standard shall specify the minimum requirements for the design, performance, testing, and certification of new compressed-breathing-air, open-circuit, self-contained breathing apparatus (SCBA) and compressed-breathing-air, combination open-circuit, self-contained breathing apparatus and supplied air respirators (SCBA/SARs), and for the replacement parts, components, and accessories for these respirators. This standard shall not apply to respiratory protection equipment that is used for fire-fighting operations.
Obtain an electronic copy from: www.nfpa.org/1986Next
Send comments (copy psa@ansi.org) to: www.nfpa.org/1986Next

Comment Deadline: August 9, 2021

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

2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | e: dweinbaum@resna.org, w: www.resna.org

New Standard

BSR/RESNA AT-1-Section 4-202x, RESNA Standard for Assistive Technology for Air Travel - Volume 1: Requirements and Test Methods Related to Mobility Devices (new standard)
This standard specifies requirements and test methods for efficient and safe handling and storage of many different types of assistive technologies (AT) for passengers with mobility impairments on aircraft, and includes the creation of the following: a checklist of the dimensional, performance and instructional information to be physically and/or electronically associated with the AT; procedures and training for the handling of AT; labeling and design specifications for AT, suitable for transport in commercial aircraft. It will also specify requirements for the disclosure of the test results. These test methods may be used to verify manufacturers' claims that a product exceeds the minimum requirements of this standard. The volume is expected to have four sections: Section 1, Terminology; Section 2, Information and Instructions for Preparing Mobility Devices to be Stowed and Transported in Commercial Aircraft; Section 3, Handling Procedures for Mobility Devices to be Stowed and Transported in Commercial Aircraft; and Section 4, Labelling and Design Requirements for Mobility Devices Designed for Stowage and Transport in Commercial Aircraft.
Single copy price: $265.00
Obtain an electronic copy from: dweinbaum@resna.org
Send comments (copy psa@ansi.org) to: Doug Weinbaum; dweinbaum@resna.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 220 sp-202x, Physical testing of pulp handsheets (new standard)
This procedure describes the testing of pulp handsheets, prepared in accordance with TAPPI T 205 "Forming Handsheets for Physical Tests of Pulp," for their strength and other physical properties as well as their lightscattering coefficient. Information derived from handsheet testing is a measure of the potential contribution of the pulp to the strength of the finished paper product.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 222 om-202x, Acid insoluble lignin in wood and pulp (new standard)
This method describes a procedure which can be applied to the determination of acid-insoluble lignin in wood and in all grades of unbleached pulps. In semi-bleached pulp, the lignin content should not be less than about 1% to provide a sufficient amount of lignin, about 20 mg, for an accurate weighing. The method is not applicable to bleached pulps containing only small amounts of lignin. Some of the lignin dissolves in acid solution during the test and is not included in the test result. In softwoods (coniferous woods) and in sulfate pulps, the amount of soluble lignin is small, about 0.2 to 0.5%. In hardwoods (deciduous woods), non-wood fibers, and in sulfite pulps, the content of soluble lignin is about 3 to 5%. In semi-bleached pulps, soluble lignin could amount to about one-half or more of the total lignin content.
NOTE 1: The acid-soluble lignin can be determined in a solution, after filtering off the insoluble lignin, by a spectrophotometric method based on absorption of ultraviolet radiation. The most often used wavelength is 205 nm. The total lignin content in pulps can be estimated fairly closely by rapid, indirect methods based on chlorination of the lignin (TAPPI T 253 "Hypo Number of Pulp" - method withdrawn in 1998) or oxidation of the lignin (TAPPI T 236 "Kappa Number of Pulp").
Single copy price: Free
Obtain an electronic copy from: Standards@tappi.org
Order from: Standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

Comment Deadline: August 9, 2021

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 541 om-202x, Internal bond strength of paperboard (z-direction tensile) (new standard)
This method describes a procedure for measuring the internal fiber bond strength (z-direction tensile strength) of paperboard using an instrument that separates a specimen adhered between a 6.45-cm2 (1-in.2) platen and a self-aligning platen. The procedure consists of applying double (two-sided) coated, pressure-sensitive tape to both sides of a test specimen. The specimen is then placed between two platens and compressed uniformly over the entire specimen surface area. Uniform tension is then applied over the entire test area in a direction perpendicular to the plane of the sample (z-direction) to affect a separation. The test is intended for paperboards and some papers which have internal fiber bond strength (cohesive strength) lower than the adhesive bond strength of the tape to the specimen and/or test platens. The material from which the platens are made will affect the adhesive strength between platen and tape. The selection of tape may also affect test results. These effects may be seen as tape failures or, in some cases, higher test values caused by adhesive migrating into sample. The adhesive bond strength of the tape is critical to reproducible test results.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 564 sp-202x, Transparent chart for the estimation of defect size (new standard)
There are many applications where it is desired to measure the size of spots, defects, or inclusions in paper and other industrial materials such as textiles or plastics. This chart was developed from the “TAPPI Dirt Estimation Chart” to provide a means for size estimation.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 577 om-202x, Score bend test (new standard)
When folding cartons fail to perform properly in a production operation, it is difficult to understand the source of the problem. This procedure provides useful information to the carton manufacturer, converter, printer, or product-filling operation to evaluate the performance of a paper carton on a package filling and sealing line.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

Comment Deadline: August 9, 2021

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

New Standard

BSR/TAPPI T 844 om-202x, Determining construction (nominal basis weight) of corrugated board (new standard)
This method describes a procedure to determine the nominal basis weight (grade) of the components of corrugated board. Test specimens of corrugated fiberboard are treated with water so that the component layers can be separated, dried, and weighed. The goal of the method is not to determine the exact basis weights of the papers comprising a corrugated specimen, but rather to identify the probable marketing grade under which the papers were likely sold. This method is applicable to all types of corrugated fiberboard.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

Reaffirmation

BSR/TAPPI T 213 om-2010 (R202x), Dirt in pulp - Chart method (reaffirmation of ANSI/TAPPI T 213 om-2010 (R2015))
This method is adapted to the numerical estimation of dirt in pulp and recycled pulp in terms of equivalent black area. The results will differ from those obtained by TAPPI T 246 “Foreign Particulate Matter in Pulp by ‘Transmitted Light’” (now withdrawn) in that it is the contrasting color of foreign matter rather than its opaqueness that affects the result. An automated procedure for dirt count can be found in TAPPI T 563 “Equivalent Black Area (EBA) and Count of Visible Dirt in Pulp, Paper, and Paperboard by Image Analysis.” Both this procedure and T 563 are based on Equivalent Black Area (EBA) measurement.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

Reaffirmation

BSR/TAPPI T 248 sp-2015 (R202x), Laboratory beating of pulp (PFI mill method) (reaffirmation of ANSI/TAPPI T 248 sp-2015)
This standard practice describes the processing of pulp by means of the PFI mill to evaluate pulp quality for papermaking. In principle, the standard practice applies to all types of pulp; in practice, the method may not give satisfactory results with certain very long-fiber pulps such as cotton. The standard practice is suited to processing small quantities of test specimens that are too small for processing in the Valley beater, as described in TAPPI T 200 “Laboratory Processing of Pulp (Beater Method).”
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

Comment Deadline: August 9, 2021

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

Revision

BSR/TAPPI T 459 om-202x, Surface strength of paper (wax pick test) (revision of ANSI/TAPPI T 459 om-2013)
This method, applicable to uncoated and coated papers, is designed to measure the surface strength of paper or its resistance to picking. It is not applicable to loosely felted papers such as blotters or roofing felts, nor to papers containing materials that soften with heat such as waxes or latex type additives. Lightweight papers that lack stiffness may slip under the block during the wax removal step are not suitable for testing by this procedure.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092 | e: standards@tappi.org, w: www.tappi.org

Revision

BSR/TAPPI T 1212 sp-202x, Light sources for evaluating papers including those containing fluorescent whitening agents (revision of ANSI/TAPPI T 1212 sp-2012)
This standard practice covers the significance and application of both instrumental and visual light sources for evaluating papers and related materials including those containing fluorescent whitening agents. The information presented is based on accepted proposals of the Inter Society Color Council (ISCC), Commission Internationale d'Eclairage (CIE), International Standards Organization (ISO), American National Standards Institute (ANSI), TAPPI, and TAPPI Optical Properties Committee experience. Also presented is a method for the visual evaluation of a color match under standard conditions of illumination. The field of lighting is rapidly evolving with many advances in fluorescent and LED lighting. Primarily, the changes in LED lighting are causing change in industrial, retail, and residential lighting environments. The CIE (International Committee on Illumination) is researching and developing reports on the efficacy of LED's as light sources for evaluating materials including those containing fluorescent whitening agents. However, they have not issued any standards at this time. Also, the narrow bandwidth characteristic of existing LED's does not make them good representations of the traditional UV conditions used in the industry; as an example, illuminant A, C, D50, D65, and D75. Therefore, LED light sources are not covered in this standard.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: standards@tappi.org
Send comments (copy psa@ansi.org) to: Brittany Lovett, standards@tappi.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Vickie.T.Hinton@ul.org, w: https://ul.org/

Reaffirmation

BSR/UL 60079-2-2017 (R202x), Standard for Safety for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosure p (reaffirm a national adoption ANSI/UL 60079-2-2017)
This proposal for UL 60079-2 covers the reaffirmation and continuance of the sixth edition of the Standard for Safety for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosure "p", UL 60079-2, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 9, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Vickie.T.Hinton@ul.org, w: https://ul.org/

Reaffirmation

BSR/UL 920002-2017 (R202x), Standard for Safety for Installation, Operation, and Maintenance of Toxic Gas-Detection Instruments (reaffirmation of ANSI/UL 920002-2017)
This proposal for UL 920002 covers the reaffirmation and continuance of the first edition of the Standard for Safety for Installation, Operation, and Maintenance of Toxic Gas-Detection Instruments, UL 920002, as an standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy 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 | e: Joshua.Johnson@ul.org, w: https://ul.org/

Revision

BSR/UL 2024-202x, Standard for Cable Routing Assemblies and Communications Raceways (revision of ANSI/UL 2024-2015)
(1) Revision of definitions to correlate with the definitions in the 2020 NEC; (2) Specific gravity of materials.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 24, 2021

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

National Adoption

INCITS/ISO/IEC 19944-1:2020 [202x], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)
Document extends the existing cloud computing vocabulary and reference architecture in ISO/IEC 17788 and ISO/IEC 17789 to describe an ecosystem involving devices using cloud services; describes the various types of data flowing within the devices and cloud computing ecosystem; describes the impact of connected devices on the data that flow within the cloud computing ecosystem, describes flows of data between cloud services, cloud service customers,and cloud service users; provides foundational concepts, including a data taxonomy; and identifies the categories of data that flow across the cloud service customer devices and cloud services.
Single copy price: $225.00
Obtain an electronic copy from: http://webstore.ansi.org/ | ANSI
Order from: ANSI
Send comments (copy psa@ansi.org) to: comments@standards.incits.org

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

National Adoption

INCITS/ISO/IEC 22123-1:2021 [202x], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)
Provides terms and definitions for vocabulary used in the field of cloud computing.
Single copy price: $48.00
Obtain an electronic copy from: http://webstore.ansi.org/ | ANSI
Order from: ANSI
Send comments (copy psa@ansi.org) to: comments@standards.incits.org

Comment Deadline: August 24, 2021

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

National Adoption

INCITS/ISO/IEC 23264-1:2021 [202x], Information Security - Redaction of Authentic Data - Part 1: General (identical national adoption of ISO/IEC 23264-1:2021)
Specifies properties of cryptographic mechanisms to redact authentic data. In particular, it defines the processes involved in those mechanisms, the participating parties, and the cryptographic properties.
Single copy price: $58.40
Obtain an electronic copy from: http://webstore.ansi.org/ | ANSI
Order from: ANSI
Send comments (copy psa@ansi.org) to: comments@standards.incits.org

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

National Adoption

INCITS/ISO/IEC 22624:2020 [202x], Information Technology - Cloud Computing - Taxonomy-Based Data Handling for Cloud Services (identical national adoption of ISO/IEC 22624:2020)
Describes a framework for the structured expression of data-related policies and practices in the cloud computing environment, based on the data taxonomy in ISO/IEC 19944; provides guidelines on application of the taxonomy for handling of data based on data subcategory and classification; covers expression of data-related policies and practices including, but not limited to, data geolocation, cross-border flow of data, data access and data portability, data use, data management, and data governance; describes how the framework can be used in codes of conduct for practices regarding data at rest and in transit, including cross border data transfer, as well as remote access to data; and provides use cases for data-handling challenges.
Single copy price: $160.00
Obtain an electronic copy from: http://webstore.ansi.org/ | ANSI
Order from: ANSI
Send comments (copy psa@ansi.org) to: comments@standards.incits.org

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | e: bralowerp@ada.org, w: www.ada.org

New Technical Report

ADA Technical Report No. 142, CAD/CAM Guided Surgical Devices and Maxillofacial Prosthetics (technical report)

ASC X9 (Accredited Standards Committee X9, Incorporated)

275 West Street, Suite 107, Annapolis, MD 21401 | e: Ambria.frazier@x9.org, w: www.x9.org

New Technical Report

ASC X9 TR 54-2021, Blockchain Risk Assessment Framework (technical report)

Technical Reports Registered with ANSI

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 23002-6:2017 [2021], Information technology - MPEG video technologies - Part 6: Tools for reconfigurable media coding implementations (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 23008-13:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 13: MMT implementation guidance (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 23008-14:2018 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 14: Conversion and coding practices for HDR/WCG YCbCr 4:2:0 video with PQ transfer characteristics (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 23008-15:2018 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 15: Signalling, backward compatibility and display adaptation for HDR/WCG video (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 23091-4:2020 [2021], Information technology - Coding-independent code points - Part 4: Usage of video signal type code points (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 24772-1:2019 [2021], Programming languages - Guidance to avoiding vulnerabilities in programming languages - Part 1: Language-independent guidance (technical report)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

New Technical Report

INCITS/ISO/IEC TR 29170-1:2017 [2021], Information technology - Advanced image coding and evaluation - Part 1: Guidelines for image coding system evaluation (technical report)

Final Actions on American National Standards

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

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 | e: kmurdoch@ans.org, w: www.ans.org

Reaffirmation

ANSI/ANS 10.4-2008 (R2021), Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry (reaffirmation of ANSI/ANS 10.4-2008 (R2016)) Final Action Date: 6/15/2021

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Suite 1100, Washington, DC 20001-5571 | e: MonchakN@api.org, w: www.api.org

Reaffirmation

ANSI/API MPMS Chapter 2.2C, 1st Edition-2002 (R2021), Calibration of Upright Cylindrical Tanks Using the Optical-Triangulation Method (reaffirm a national adoption ANSI/API MPMS Chapter 2.2C, 1st Edition-2002 (R2015)) Final Action Date: 6/15/2021

Reaffirmation

ANSI/API MPMS Chapter 2.2E, 1st Edition-2004 (R2021), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 1: Manual Methods (reaffirm a national adoption ANSI/API MPMS Chapter 2.2E, 1st Edition-2004 (R2015)) Final Action Date: 6/15/2021

Reaffirmation

ANSI/API MPMS Chapter 2.2F, 1st Edition-2004 (R2021), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 2: Internal Electro-optical Distance-ranging Method (reaffirm a national adoption ANSI/API MPMS Chapter 2.2F, 1st Edition-2004 (R2015)) Final Action Date: 6/15/2021

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | e: ansibox@asme.org, w: www.asme.org

Revision

ANSI/ASME A112.4.2/CSA B45.16-2021, Personal Hygiene Devices for Water Closets (revision of ANSI/ASME A112.4.2/CSA B45.16-2015 (R2020)) Final Action Date: 6/17/2021

Stabilized Maintenance

ANSI/ASME B1.11-1958 (S2021), Microscope Objective Thread (stabilized maintenance of ANSI/ASME B1.11-1958 (R2016)) Final Action Date: 6/18/2021

Stabilized Maintenance

ANSI/ASME B1.16M-1984 (S2021), Gages and Gaging for Metric M Screw Threads (stabilized maintenance of ANSI/ASME B1.16M-1984 (R2016)) Final Action Date: 6/18/2021

Stabilized Maintenance

ANSI/ASME B1.22M-1985 (S2021), Gages and Gaging for MJ Series Metric Screw Threads (stabilized maintenance of ANSI/ASME B1.22M-1985 (R2016)) Final Action Date: 6/18/2021

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | e: LBauerschmidt@assp.org, w: www.assp.org

Revision

ANSI/ASSP Z359.14-2021, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision and redesignation of ANSI/ASSE Z359.14-2014) Final Action Date: 6/17/2021

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | e: accreditation@astm.org, w: www.astm.org

Reaffirmation

ANSI/ASTM F477-2014 (R2021), Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F477-2017) Final Action Date: 6/15/2021

Revision

ANSI/ASTM E176-2021, Terminology of Fire Standards (revision of ANSI/ASTM E176-2018a) Final Action Date: 6/15/2021

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | e: polson@awwa.org, w: www.awwa.org

Revision

ANSI/AWWA C906-2021, Polyethylene (PE) Pressure Pipe and Fittings, 4 In. through 65 In. (100 mm through 1,650 mm), for Waterworks (revision of ANSI/AWWA C906-2014) Final Action Date: 6/15/2021

EOS/ESD (ESD Association, Inc.)

7902 Turin Road, Building 3, Rome, NY 13440-2069 | e: laurenradmin@esda.org, w: www.esda.org

Revision

ANSI/ESD SP14.5-2021, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Near Field Immunity Scanning - Component/Module/PCB Level (revision of ANSI/ESD SP14.5-2015) Final Action Date: 6/17/2021

HI (Hydraulic Institute)

300 Interpace Parkway, Bldg A – 3rd Floor, Parsippany, NJ 07054 | e: sdebel@pumps.org, w: www.pumps.org

Revision

ANSI/HI 9.6.7-2021, HI 9.6.7 Rotodynamic Pumps - Guideline for Effects of Liquid Viscosity on Performance (revision of ANSI/HI 9.6.7-2015) Final Action Date: 6/18/2021

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | e: terry.burger@asse-plumbing.org, w: www.asse-

Reaffirmation

ANSI/ASSE 1024-2017 (R2021), Performance Requirements for Dual Check Backflow Preventers (reaffirmation of ANSI/ASSE 1024-2017) Final Action Date: 6/15/2021

Reaffirmation

ANSI/ASSE 1062-2017 (R2021), Performance Requirements for Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings (reaffirmation of ANSI/ASSE 1062-2017) Final Action Date: 6/15/2021

Reaffirmation

ANSI/ASSE 1085-2018 (R2021), Performance Requirements for Water Heaters for Emergency Equipment (reaffirmation of ANSI/ASSE 1085-2018) Final Action Date: 6/15/2021

ISEA (International Safety Equipment Association)

1901 North Moore Street, Suite 808, Arlington, VA 22209 | e: cfargo@safetyequipment.org, w: www.

Revision

ANSI/ISEA 125-2021, Conformity Assessment of Safety and Personal Protective Equipment (revision of ANSI/ISEA 125-2014) Final Action Date: 6/17/2021

NEMA (ASC C50) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | e: mike.leibowitz@nema.org, w: www.nema.org

Revision

ANSI/NEMA MG 1-2021, Motors and Generators (revision of ANSI/NEMA MG 1-2016) Final Action Date: 6/15/2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: arose@nsf.org, w: www.nsf.org

Revision

ANSI/NSF 7-2021 (i17r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019) Final Action Date: 6/13/2021

Revision

ANSI/NSF 7-2021 (i24r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019) Final Action Date: 6/15/2021

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | e: kcooney@scte.org, w: www.scte.org

New Standard

ANSI/SCTE 86-2021, SCTE Recommended Optical Fiber Cable Types for Outside Plant Trunk and Distribution Applications (new standard) Final Action Date: 6/18/2021

New Standard

ANSI/SCTE 267-2021, Optimum Load Shaping for Electric Vehicle and Battery Charging (new standard) Final Action Date: 6/18/2021

Revision

ANSI/SCTE 01-2021, Specification for F Port, Female, Outdoor (revision of ANSI/SCTE 01-2015) Final Action Date: 6/18/2021

Revision

ANSI/SCTE 02-2021, Specification for F Port, Female, Indoor (revision of ANSI/SCTE 02-2015) Final Action Date: 6/18/2021

Revision

ANSI/SCTE 123-2021, Specification for F Connector, Male, Feed-Through (revision of ANSI/SCTE 123-2011) Final Action Date: 6/17/2021

Revision

ANSI/SCTE 124-2021, Specification for F Connector, Male, Pin Type (revision of ANSI/SCTE 124-2011) Final Action Date: 6/17/2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Vickie.T.Hinton@ul.org, w: https://ul.org/

Reaffirmation

ANSI/UL 920001-2011 (R2021), Standard for Safety for Performance Requirements for Toxic Gas Detectors (reaffirmation of ANSI/UL 920001-2011 (R2015)) Final Action Date: 6/14/2021

Revision

ANSI/UL 444-2021, Standard for Safety for Communications Cables (revision of ANSI/UL 444-2018) Final Action Date: 6/16/2021

UL (Underwriters Laboratories)

12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709-3995 | e: Doreen.Stocker@ul.org, w:

Revision
ANSI/UL 4200A-2021, Standard for Safety for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies (revision of ANSI/UL 4200A-2020) Final Action Date: 6/14/2021

Revision
ANSI/UL 5800-2021, Standard for Safety for Battery Fire Containment Products (revision of ANSI/UL 5800-2020) Final Action Date: 6/16/2021

Revision
ANSI/UL 60335-2-67-2021, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-67: Particular Requirements for Floor Treatment Machines, for Commercial Use (revision of ANSI/UL 60335-2-67-2017) Final Action Date: 6/4/2021

Revision
ANSI/UL 60335-2-72-2021, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines with or without Traction Drive, for Commercial Use (revision of ANSI/UL 60335-2-72-2019) Final Action Date: 6/4/2021

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.

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 | e: vangilder@asabe.org, w: https://www.asabe.org/
Carla VanGilder; vangilder@asabe.org

BSR/ASAE S318.19 MONYEAR-202x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.18-JUN2017)

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | e: ansibox@asme.org, w: www.asme.org
Terrell Henry; ansibox@asme.org

BSR/ASME CSD-1-202x, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2018)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | e: gupta@aws.org, w: www.aws.org
Rakesh Gupta; gupta@aws.org

BSR/AWS A5.3/A5.3M-1999 (R201x), Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.3/A5.3M-1999 (R2007))

BOMA (Building Owners and Managers Association)

1101 15th Street, NW, Suite 800, Washington, DC 20005 | e: lprats@boma.org, w: www.boma.org
Lisa Prats; lprats@boma.org

BSR/BOMA Z65.6-202x, BOMA 2021 for Mixed-Use Properties: Standard Method of Measurement (revision of ANSI/BOMA Z65.6-2012)

HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 | e: esuarez@pumps.org, w: www.pumps.org
Edgar Suarez; esuarez@pumps.org

BSR/HI 9.8-202x, Rotodynamic Pumps for Pump Intake Design (revision of ANSI/HI 9.8-2018)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org
Deborah Spittle; comments@standards.incits.org

INCITS/ISO/IEC 10373-6:2020/AM1:2021 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 10373-6:2020/AM1:2021)

INCITS/ISO/IEC 10373-6:2020/AM2:2020 [202x], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 10373-6:2020/AM2:2020)

INCITS/ISO/IEC 11693-2:2009 [202x], Identification cards - Optical memory cards - Part 2: Co-existence of optical memory with other machine readable technologies (identical national adoption of ISO/IEC 11693-2:2009)

INCITS/ISO/IEC 11693-3:2015 [202x], Identification cards - Optical memory cards - Part 3: Authentication techniques (identical national adoption of ISO/IEC 11693-3:2015)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

INCITS/ISO/IEC 14443-2:2020/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 2: Radio frequency power and signal interface - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-2:2020/AM1:2021)

INCITS/ISO/IEC 14443-3:2018/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-3:2018/AM1:2021)

INCITS/ISO/IEC 14443-3:2018/AM2:2020 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-3:2018/AM2:2020)

INCITS/ISO/IEC 14443-4:2018/AM1:2021 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)

INCITS/ISO/IEC 14443-4:2018/AM2:2020 [202x], Cards and security devices for personal identification - Contactless proximity objects - Part 4: Transmission protocol - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-4:2018/AM2:2020)

INCITS/ISO/IEC 17839-1:2014 [202x], Information technology - Biometric System-on-Card - Part 1: Core requirements (identical national adoption of ISO/IEC 17839-1:2014)

INCITS/ISO/IEC 17839-2:2015 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics (identical national adoption of ISO/IEC 17839-2:2015)

INCITS/ISO/IEC 17839-3:2016 [202x], Information technology - Identification cards - Biometric System-on-Card - Part 3: Logical information interchange mechanism (identical national adoption of ISO/IEC 17839-3:2016)

INCITS/ISO/IEC 17839-2:2015/AM1:2021 [202x], Information technology - Biometric System-on-Card - Part 2: Physical characteristics - Amendment 1: Additional specifications for fingerprint biometric capture devices (identical national adoption of ISO/IEC 17839-2:2015/AM1:2021)

INCITS/ISO/IEC 18328-1:2015 [202x], Identification cards - ICC-managed devices - Part 1: General framework (identical national adoption of ISO/IEC 18328-1:2015)

INCITS/ISO/IEC 18328-3:2016 [202x], Identification cards - ICC-managed devices - Part 3: Organization, security and commands for interchange (identical national adoption of ISO/IEC 18328-3:2016)

INCITS/ISO/IEC 18328-4:2018 [202x], Identification cards - ICC-managed devices - Part 4: Test methods for logical characteristics (identical national adoption of ISO/IEC 18328-4:2018)

INCITS/ISO/IEC 18745-1:2018 [202x], Test methods for machine readable travel documents (MRTD) and associated devices - Part 1: Physical test methods for passport books (durability) (identical national adoption of ISO/IEC 18745-1:2018)

INCITS/ISO/IEC 19944-1:2020 [202x], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)

INCITS/ISO/IEC 22123-1:2021 [202x], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)

INCITS/ISO/IEC 23264-1:2021 [202x], Information Security - Redaction of Authentic Data - Part 1: General (identical national adoption of ISO/IEC 23264-1:2021)

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

700 K Street NW, Suite 600, Washington, DC 20001 | e: comments@standards.incits.org, w: www.incits.org

INCITS/ISO/IEC 18584:2015 [202x], Information technology - Identification cards - Conformance test requirements for on-card biometric comparison applications (identical national adoption of ISO/IEC 18584:2015)

INCITS/ISO/IEC 22624:2020 [202x], Information Technology - Cloud Computing - Taxonomy Based Data Handling for Cloud Services (identical national adoption of ISO/IEC 22624:2020)

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: David.Richmond@nema.org, w: www.nema.org
David Richmond; David.Richmond@nema.org

BSR C136.57-202x, Wall Mounted Luminaires (new standard)

NEMA (ASC C8) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Arlington, VA 22209 | e: Khaled.Masri@nema.org, w: www.nema.org
Khaled Masri; Khaled.Masri@nema.org

BSR/ICEA S-90-661-202x, Standard for Category 3 and 5E Individually Unshielded Twisted Pairs, Indoor Cables (with or without an Overall Shield) for Use in General Purpose and LAN Communication Wiring Systems (revision of ANSI/ICEA S-90-661-2012)

BSR/ICEA S-91-674-202x, Coaxial and Coaxial/Twisted Pair Hybrid Buried Service Wires - Technical Requirements (revision of ANSI/ICEA S-91-674-2011)

BSR/ICEA S-92-675-202x, Coaxial and Coaxial/Twisted Pair Hybrid Aerial Service Wires - Technical Requirements (revision of ANSI/ICEA S-92-675-2011)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: jsnider@nsf.org, w: www.nsf.org
Jason Snider; jsnider@nsf.org

BSR/NSF 14-202x (i112r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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

2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | e: dweinbaum@resna.org, w: www.resna.org
Doug Weinbaum; dweinbaum@resna.org

BSR/RESNA AT-1-Section 4-202x, RESNA Standard for Assistive Technology for Air Travel - Volume 1: Requirements and Test Methods Related to Mobility Devices (new standard)

SCS (SCS Standards Development)

2200 Powell Street, Suite 725, Emeryville, CA 94608 | e: lbrown@scsglobalservices.com, w: www.scsglobalservices.com
Linda Brown; lbrown@scsglobalservices.com

BSR/SCS 003-202x, Certification Standard for Radiative Forcing Management (new standard)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

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

American National Standards (ANS) Announcements

Rescind ANS Approval

UL - Underwriters Laboratories

UL 1691-2021

At the request of the ANSI-Accredited Standards Developer UL, the Mar 18, 2021 approval of UL 1691-2021, Standard for Safety for Single-Pole Locking-Type Separable Connectors as an American National Standard has been rescinded. A formal request for approval will be resubmitted when all required processes are completed.
Please direct any questions to: Megan Monsen; megan.monsen@ul.org

American National Standards (ANS) Process

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 linkis www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

Where to find Procedures, Guidance, Interpretations and More...

Please visit ANSI's website (www.ansi.org)

- 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: https://www.ansi.org/portal/psawebforms/
- Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer, please email us at: 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

American National Standards 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 (ASD) Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment, Call for Members 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 the PSA Department at psa@ansi.org.

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BOMA
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CSA
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GBI
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NFPA
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RESNA
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RESNET
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SCS
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SCTE
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ISO Draft International Standards

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

COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); 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. The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

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

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM DIS 52936-1, Additive manufacturing of polymers - Powder bed fusion - Part 1: General principles and preparation of test specimens for PBF-LB - 9/6/2021, $46.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 22003-1, Food safety management systems - Requirements for bodies providing audit and certification of food safety management systems - Part 1: Requirements for bodies providing audit and certification of food safety management systems - 9/4/2021, $107.00

ISO/DIS 22003-2, Food safety management systems - Requirements for bodies providing audit and certification of food safety management systems - Part 2: Requirements for bodies providing evaluation and certification of products, processes and services, including an audit of the food safety system - 9/4/2021, $102.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 12006-3, Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information - 9/2/2021, $146.00

ISO/DIS 19650-4, Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange - 9/4/2021, $62.00

DENTISTRY (TC 106)

ISO/DIS 9333, Dentistry - Brazing materials - 9/3/2021, $58.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 4405, Hydraulic fluid power - Fluid contamination - Determination of particulate contamination by the gravimetric method - 9/5/2021, $58.00

ISO/DIS 11171, Hydraulic fluid power - Calibration of automatic particle counters for liquids - 9/2/2021, $125.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 5776, Graphic technology - Symbols for text proof correction - 9/2/2021, $112.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAmd127, - Amendment 1: Safety sign P074: Child seat installation prohibited - 9/5/2021, $29.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 13119, Health informatics - Clinical knowledge resources - Metadata - 9/4/2021, $93.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 13008, Information and documentation - Digital records conversion and migration process - 9/5/2021, $93.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 20816-3, Mechanical vibration - Measurement and evaluation of machine vibration - Part 3: Industrial machinery with a power rating above 15 kW and operating speeds between 120 min-1 and 30 000 min-1 - 9/2/2021, $88.00

PLASTICS (TC 61)

ISO/DIS 5148, Plastics - Determination of specific aerobic biodegradation rate of solid plastic materials and disappearance time (DT50) under mesophilic laboratory test conditions - 9/6/2021, $67.00

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

ISO/DIS 13844, Plastics piping systems - Elastomeric-sealing-ring type socket joints of unplasticized poly(vinyl chloride) (PVC-U) for use with PVC-U pipes - Test method for leaktightness under negative pressure - 11/14/2007, $40.00

ISO/DIS 4437-1, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General - 9/5/2021, $77.00

ISO/DIS 4437-2, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 2: Pipes - 9/5/2021, $77.00

ISO/DIS 4437-3, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 3: Fittings - 9/5/2021, $98.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 13050, Synchronous belt drives - Metric pitch, curvilinear profile systems G, H, R and S, belts and pulleys - 9/9/2021, $125.00

ROAD VEHICLES (TC 22)

ISO/DIS 15830-1, Road vehicles - Design and performance specifications for the WorldSID 50th percentile male side-impact dummy - Part 1: Terminology and rationale - 9/9/2021, FREE

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 23678-1, Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear - Part 1: General requirements for training providers - 9/10/2021, $93.00

ISO/DIS 23678-3, Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear - Part 3: Level 1 technical training - 9/10/2021, $112.00

ISO/DIS 23678-4, Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear - Part 4: Level 2 in-field competence - 9/10/2021, $125.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 13317-1, Determination of particle size distribution by gravitational liquid sedimentation methods - Part 1: General principles and guidelines - 9/3/2021, $134.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 18115-3, Surface chemical analysis - Vocabulary - Part 3: Terms used in optical interface analysis - 8/28/2021, $102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23385, Information technology - Office equipment - Method for measuring single photo printing time for digital printing devices - 9/5/2021, $71.00

Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by 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).

ELECTRICAL ACCESSORIES (TC 23)

IEC 60309-1 Ed. 5.0 b:2021, Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 1: General requirements, $417.00

IEC 60309-2 Ed. 5.0 b:2021, Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 2: Dimensional compatibility requirements for pin and contact-tube accessories, $392.00

IEC 60309-4 Ed. 2.0 b:2021, Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 4: Switched socket-outlets with or without interlock, $183.00

IEC Technical Reports

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC/TR 61850-90-16 Ed. 1.0 en:2021, Communication networks and systems in power utility automations - Part 90-16: Requirements of system management for Smart Energy Automation, $392.00

IEC Technical Specifications

ELECTRIC CABLES (TC 20)

IEC/TS 62893-4-2 Ed. 1.0 en:2021, Charging cables for electric vehicles of rated voltages up to and including 0,6/1 kV - Part 4-2: Cables for DC charging according to mode 4 of IEC 61851-1 - Cables intended to be used with a thermal management system, $183.00

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Application of ISO 9001 in Policing Organizations

Comment Deadline: July 2, 2021

SCC, the ISO member body for Canada, has submitted to ISO a new work item proposal for the development of an ISO standard on ISO standard on Application of ISO 9001 in Policing Organizations, with the following scope statement:

This document provides guidelines for policing organizations on understanding and implementing a quality management system that meets the requirements of ISO 9001:2015 to ensure the achievement of society's confidence in the police entity, and support police entities to demonstrate their ability to consistently satisfy the needs of their customers (citizens).
This document covers all types of policing business and police services such as traffic, maintain order, etc.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, July 2, 2021.

ISO New Work Item Proposal

Guidelines for the Promotion and Implementation of Gender Equality

Comment Deadline: June 25, 2021

AFNOR, the ISO member body for France, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines for the Promotion and Implementation of Gender Equality, with the following scope statement:

Standardization in the field of gender equality with the aim of developing a technical guidance on how to promote and implement gender equality in all types of organizations, public or private, regardless of their size, location and field of activity.

The objective is to develop guidelines on:
- Concepts, terms and definitions;
- Identification of existing good practices;
- Definition of actions, strategies, policies for the promotion and implementation of gender equality

Excluded: Related standardization work on diversity in human resources management as covered by ISO/TC 260 "Human resources management
Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 25, 2021.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.
When organization names are submitted to ANSI for registration, they will be listed here alphanumerically. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

FiRa

Public Review: June 25 through September 27, 2021

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

BSR/ASHRAE Standard 41.6-2014R

Public Review Draft

Standard Methods for Humidity Measurements

Second Public Review (June 2021)
(Draft shows only proposed Independent Substantive Changes to Previous Public Review Draft)

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

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This is a review of Independent Substantive Changes that were made since the last public review. Text that was removed from the Public Review Draft is provided for reference but is shown in ~~strikeout~~, and text that has been added is shown with underlines.

Only these changes are open to comment at this time. All other material is provided for context only and is not open for Public Review comment except as it relates to the proposed changes.

Background. The first 41.6-2014R public review that ended on April 5, 2021, had a total of 8 public review comments comprised of 5 substantive public review comments and 3 supportive public review comments. The SSPC 41 voting members voted to accept all of proposed responses to substantive public review comments during the SSPC 41 Interim Virtual Meeting on April 12, 2021, and in a subsequent continuation letter ballot. The proposed responses to the substantive public review comments were subsequently uploaded into ASHRAE's Online Comment Database, and then the 2 commenters marked all of proposed responses to substantive public review comments "resolved." This document is the second 41.6-2014R Independent Substantive Changes (ISC) public review draft and consists of the responses to the substantive and supportive first public review comments.

Section 3, Definitions: Add the new definition shown below.

steady-state criteria: the criteria that establish negligible change of wet-bulb temperature, dew-point temperature, or relative humidity with time.

Section 5.1, Test Plan: Revise as shown below to make it easier for ASHRAE Method of Test and Method of Rating (MOT/MOR) standards to adopt this standard by reference.

5.1 Test Plan. ~~A test plan shall specify the humidity measurement system accuracy. Additionally, the test plan shall include the test points, targeted set points, and corresponding operating tolerances to be performed~~.

The test plan shall be one of the following documents:

a. A document provided by the person or the organization that authorized the tests and calculations to be performed.
b. A method of test standard.
c. A rating standard.
d. A regulation or code.
e. Any combination of items a. through d.

The test plan shall specify:

a. The humidity measurement system accuracy.
b. The values to be determined and recorded that are selected from this list: wet-bulb temperature, dew-point temperature, relative humidity, wet-bulb temperature measurement uncertainty, dew-point temperature measurement uncertainty, and relative humidity uncertainty.
c. Any combination of test points and targeted set points to be performed together with operating tolerances.

Section 5.2, Values to be measured and reported: Revise as shown below to make it easier for MOT/MOR standards to adopt this standard by reference.

5.2 Values to be Measured and Reported <u>if Specified in the Test Plan in Section 5.1</u>

5.2.1 Humidity. Humidity shall be measured using one of the following three measured humidity variables:

a. Wet-bulb Temperature, °C (°F), at a given absolute pressure and at a given dry bulb temperature.

b. Dew-point Temperature, °C (°F), at a given absolute pressure.

c. Relative Humidity (RH), %, at a given absolute pressure and a given dry bulb temperature.

Informative Note: Section 5.2.1 items (a), (b), and (c) are measurable humidity variables – more than 60 humidity properties, including humidity ratio, can be calculated from these measurable humidity variables.

Section 5.2.2, Uncertainty: Revise as shown below to make it easier for MOT/MOR standards to adopt this standard by reference.

5.2.2 Uncertainty. The uncertainty in each humidity measurement shall be estimated using the methods described in Section 8 ~~unless otherwise~~ <u>if</u> specified in the test plan in Section 5.1.

Section 5.3, Steady-State Criteria: Revise as shown below.

5.3 Steady-State Test Criteria. Humidity test data shall be recorded at steady-state conditions unless otherwise specified in the test plan in Section 5.1. ~~If the test plan requires humidity test data points to be recorded at steady-state test conditions and provides the operating condition tolerance but does not specify the steady-state criteria, then determine that steady-state test conditions have been achieved by applying one of the methods that are described in:~~

~~a. Section 5.3.1, Steady-State Wet-bulb Temperature Criteria,~~
~~b. Section 5.3.2, Steady-State Dew-point Temperature Criteria, or~~
c. ~~Section 5.3.3, Steady-State Relative Humidity Criteria.~~

<u>5.3.1 Steady-State Test Criteria Under Laboratory Test Conditions.</u> <u>If the test plan requires humidity test data points to be recorded at steady-state test conditions and provides the operating condition tolerance but does not specify the steady-state criteria, then determine that steady-state test conditions have been achieved by applying one of the methods that are described in:</u>

a. <u>Section 5.3.3, Steady-State Wet-bulb Temperature Criteria,</u>
b. <u>Section 5.3.4, Steady-State Dew-point Temperature Criteria, or</u>
c. <u>Section 5.3.5, Steady-State Relative Humidity Criteria.</u>

<u>5.3.2 Steady-State Test Criteria Under Field Test Conditions.</u> <u>If the test plan humidity test data points to be recorded at steady-state test conditions and provides the operating condition tolerance but does not specify the steady-state criteria, then the methods in Section 5.3.1 are optional.</u>

Informative Note: The steady-state methods in Section 5.3.1 are likely to be impractical under field test conditions. Under these circumstances, the user may want to select another method to determine the conditions for field test data to be recorded.

Renumber Subclause headings as shown below.

~~5.3.1~~ 5.3.3 Steady-State Test Criteria for Wet-bulb Temperature Measurements

~~5.3.1.1~~ 5.3.3.1 Steady-State Wet-bulb Temperature Criteria for Test Points

~~5.3.1.2~~ 5.3.3.2 Steady-State Wet-bulb Temperature Criteria for Targeted Set Points

~~5.3.2~~ 5.3.4 Steady-State Test Criteria for Dew-point Temperature Measurements

~~5.3.2.1~~ 5.3.4.1 Steady-State Dew-point Temperature Criteria for Test Points

~~5.3.2.2~~ 5.3.4.2 Steady-State Dew-point Temperature Criteria for Targeted Set Points

~~5.3.3~~ 5.3.5 Steady-State Test Criteria for Relative Humidity Measurements

~~5.4.3.1~~ 5.3.5.1 Steady-State Relative Humidity Criteria for Test Points

~~5.4.3.2~~ 5.3.5.2 Steady-State Relative Humidity Criteria for Targeted Set Points

~~5.5~~ 5.4 Unsteady Humidity Measurements.

Section 8.1, Uncertainty Estimate: Revise as shown below to make it easier for MOT/MOR standards to adopt this standard by reference.

8.1 Uncertainty Estimate. An estimate of the measurement uncertainty, performed in accordance with ASME PTC 19.1[4] shall accompany each humidity measurement if specified in the test plan in Section 5.1.

Section 9.6, Test Results: Revise as shown below to make it easier for MOT/MOR standards to adopt this standard by reference.

9.6 Test Results if Specified in the Test Plan in Section 5.1.

a. Humidity using one of the options in Section 5.2.1 at a defined absolute pressure and dry-bulb temperature.
b. Uncertainty in humidity using one of the options in Section 5.2.1 at a defined absolute pressure and dry-bulb temperature if required by the test plan in Section 5.1.

GBI - ANSI/GBI 01-2019: Green Globes Assessment Protocol for Commercial Buildings
Full standard text can be found at: https://thegbi.org/content/misc/ANSI-GBI_01-2019_Publication_-_CLEAN_version_-_5-14-21.pdf

landscape irrigation sprinkler(s): hydraulically operated mechanical device consisting of a sprinkler body and one or more orifices that discharges pressurized water into the air through a nozzle(s) as a spray or stream of water.

7.3 Construction Impacts

7.3.4.1 Roof: The building has a *vegetated roof*, is shaded during summer months, AND/OR has a roof with a high Solar Reflectance Index (SRI) as prescribed based on the slope of the roof.
 	
Where used to comply, shading trees are to be existing, non-invasive plants that are retained on site or newly, non-invasive planted trees that will provide shade within 10 years.
 	
• For a *roof* slope less than or equal to 2:12, a minimum initial SRI of 78 or greater or a three-year aged SRI of 60 or greater;
• For a *roof* slope greater than 2:12, a minimum initial SRI of 29 or greater or a three-year-aged SRI of 25 or greater.
	Maximum = 6 points or N/A
	
	The following number of points may be earned when using one or more of the listed heat island mitigation strategies on the roof:
	
	• Six points are earned where >70% of the roof complies
	  ○ Three points are earned where >70% of the roof has a high initial SRI, and three points are earned where >70% of the roof has a high three-year-aged SRI.
	• Four points are earned where ≥56% to ≤70% percent of the roof complies.
	  ○ Two points are earned where ≥56% to ≤70% of the roof has a high initial SRI and two points are earned where ≥56% to ≤70% of the roof has a high three-year-aged SRI.
	• Two Points are earned if ≥40% to ~~≤55~~<56% percent of the roof complies.
	  ○ One point is earned where ≥40% to ~~≤55~~<56% of the roof has a high initial SRI, and one point is earned where ≥40% to ~~≤55~~<56% of the roof has a high three-year-aged SRI.
	• No points are earned if <40% of the roof complies AND/OR has a high initial or three-year-aged SRI.
	• Not applicable for interior-only projects.

8.1.1C.2.3 Lighting Level Control	
8.1.1C.2.3.1 In all *regularly occupied spaces* that use at least 0.5 W/ft^2 (5.4 W/m^2) of lighting power, more than 90% of light fixtures have lighting controls that can reduce the lighting load by at least 50% from full lighting power using any of the following technologies: • Dimming: Continuous dimming of the lamps or *luminaires* from 100% to at least 10% of full light output; • Multi-level Lighting: Lighting with at least 5 control steps including ON and OFF; or • Bi-level lighting: Dual switching of alternate rows or *luminaires*; Switching of individual lamps independently of adjacent lamps within a *luminaire*.	Maximum = 3 points or N/A • Three points are earned where ~~>~~≥90% of light fixtures have continuously dimmable light reduction controls. • Two points are earned where ~~>~~≥90% of the of light fixtures have light reduction controls based multi-level lighting; • One point is earned where there is bi-level control. • Not applicable where spaces use <0.5 W/ft^2 (5.4W/m^2).
8.1.1C.2.3.2 Occupants in private offices less than 250 ft^2 (23.23 m^2) and in open office work station areas can adjust their direct overhead lighting levels via	Maximum = 3 points

continuous dimming or multi-level lighting. Providing bi-level overhead lighting in conjunction with separate *task lighting* is permitted for compliance.	• Three points are earned where ~~>~~≥90% of light fixtures have continuously dimmable personal lighting control. • Two points are earned where ~~>~~≥90% of the of light fixtures have multi-level light lighting. • One point is earned where there is bi-level control of overhead lighting and separate task lights.

9.1.1 Plumbing Fixture and Fitting Standards

Four paths are provided for assessing Indoor Domestic Plumbing. ~~**If no path is achieved 75 total points are deducted from total earned points in the Water Efficiency Assessment Area**~~:

- **9.1.1A Path A: ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Section 6.3.2.1:** 52 points

OR

- **9.1.1B Path B: 2018 International Green Construction Code (IgCC), Table 601.3.2.1:** 52 points

OR

- **9.1.1C Path C: ~~2017~~2020 IAPMO WEStand Section 402:** 52 points

OR

- **9.1.1D Path D: *Major Renovations*:** 45 points. Not an eligible path for New Construction.

9.1.1C Path C: 2017 IAPMO WEStand	
9.1.1C.1 Plumbing fixtures and fittings comply with ~~2017~~ 2020 IAPMO WEStand, Section 402.	52 points or N/A • For points to be earned fifty percent of fixtures must comply. o Points earned = percentage of compliant fixtures x 52 (fractional points are rounded upward) • Not applicable where no fixtures or fittings exist. • Not applicable where Path A, B or D is followed.

9.2 Cooling Towers

9.2.1.1 Cooling towers are equipped with conductivity controllers and minimize the amount of *makeup water* required by achieving one of the following: • A minimum of 5 cycles of concentration for *makeup water* having less than or equal to 200 ppm (200 mg/L) total hardness as calcium carbonate or 3.5 cycles for *makeup water* with more than 200 ppm (200 mg/L) total hardness as calcium carbonate; OR • A minimum discharge conductivity of 1500 micromhos/cm or a maximum of 150 ppm (150 mg/L) of silica measured as silicon dioxide.	Maximum = 7 points or N/A • Four points are earned where a conductivity controller is installed and cooling towers achieve the respective threshold cycles of concentration. • Three points are earned when either; o 6 cycles are achieved where the tower target performance metric is defined in 9.2.1.1 as 5; OR o where 4.5 cycles are achieved where the target performance metric is defined in 9.2.1.1 as 3.5 and these cycles of concentration are sustained while maintaining the defined threshold water quality parameters in 9.2.1.1. • Not applicable where there are no wet-cooling towers.
9.2.1.4 Equip Cooling tower(s) with the following features: **• 9.2.1.4.1:** an overflow alarm to detect overflow of water from the basin caused by makeup water valve failure. Overflow alarm shall send an audible signal or provide an alert to the tower operator via the building automation system (BAS); AND/OR **• 9.2.1.4.2:** drift eliminators that achieve an efficiency of 0.001% or less for counterflow systems;	Maximum = 2 points or N/A • One point is earned where an overflow alarm with an audible signal or alert is installed. • One point is earned where a drift eliminator is installed ~~Two points are earned where drift eliminators achieve the specified efficiency for either counterflow or crossflow systems.~~ • Not applicable where there are no wet-cooling towers.

OR 0.002% or less for crossflow systems.	

9.4 Water Intensive Applications

9.4.1.2 The following appliances and fittings meet the prescribed limits for water usage:
• **9.4.1.2.1:** *Combination ovens* consume 1.5 gal per pan/hr. (39 L/hr.) or less in the steamer mode. N/A where there are no *combination ovens*;
• **9.4.1.2.2:** *Pre-rinse spray valves* consume 1.28 gal/min (4.8 L/min) or less;
• **9.4.1.2.3:** *Boilerless/connectionless food steamers* comply with ENERGY STAR 1.2 requirements and consume 2 gal/hr./compartment (7.5 L/hr.) or less.
  ○ N/A where there are no food steamers;
• **9.4.1.2.4:** Commercial dishwashers comply with ENERGY STAR2.0 requirements. Rackless flight-type dishwashers consume 160 gal/hr. (605.7 L/hr.) or less.
  ○ N/A where there are no dishwashers; and
• **9.4.1.2.5:** Ice Makers comply with ENERGY STAR 3.0 requirements where such requirements exist.
  ○ N/A where there are no ice makers.
	Maximum = 3 points or N/A
	• One point is earned where each listed appliance or fitting meets the specified water usage limits up to a maximum of 3 points.
	• Not applicable where the listed appliance or fitting is not present.

9.6 *Alternate Water Sources* (25 points)

9.6.1.1 Use *non-potable water* for indoor purposes.	Maximum = 10 points or N/A Points are earned based on the percentage of indoor water demands met with *non-potable water*: • Ten points are earned for >75%. • Eight points are earned for >50 to ≤75%. • Six points are earned for ~~≥~~ ≥25% to ≤50%. • Three points are earned for ≥15% to ≤25 ~~24~~%. • No points are earned for <15%. • Not applicable where the authority having jurisdiction prohibits the use of *alternate water sources* for indoor applications.

9.8 Leak Detection (10 points)

Leak detection devices shall comply with ~~IGC 349~~ IAPMO Z1349 and not interfere with fire protection systems.

9.9 Irrigation

9.9.1.3 The irrigation system includes the following: • **9.9.1.3.1:** *WaterSense* labeled weather-based irrigation controller, WaterSense labeled bypass *soil moisture sensors*, on-demand soil moisture sensor, AND/OR automatic *rain shutoff devices*; • **9.9.1.3.2:** Pressure regulation for each zone to maintain proper operating pressures for *landscape irrigation sprinklers* or drip components; • **9.9.1.3.3:** *Drip irrigation* on all planting beds where *mature plant* height is 10 in. (25.4 cm) or greater AND/OR in any planted area with a dimension less than 5 ft. (1.5 m) in any direction; • **9.9.1.3.4:** Flow sensing incorporated in the control system to suspend irrigation in any zone where flows exceed expectation; AND/OR • **9.9.1.3.5:** *Landscape irrigation sprinklers* and drip emitters that comply with ASABE/ICC 802-~~2014~~ 2020 Landscape Irrigation Sprinkler and Emitter Standard. • **9.9.1.3.6:** Spray *sprinkler bodies* are WaterSense labeled.	Maximum = 5 points or N/A • One point is earned for each of the listed features included in the irrigation system up to a maximum of 5 points. • Not applicable where no irrigation system is installed.

11.2 Source Control and Measurement of Indoor Pollutants

11.2.1.3 Interior products will comply with prescribed limits of product emissions. **Table 11.2.1.3: Interior Product VOC Emissions** **Product Area** **11.2.1.3.1:** Floors / Floor Coverings (including carpeting, resilient, other non-carpet flooring, and padding/cushion)[1] **11.2.1.3.2:** Acoustical and Thermal Insulation **11.2.1.3.3:** Ceiling Systems (including acoustical ceiling and gypsum board) **11.2.1.3.4:** Wall Systems (including wall coverings, gypsum board, and window shading devices)[1] [1]Concrete, concrete masonry, clay brick, ceramic tile, stone, glass and glass block masonry used in floors and wall systems without additional coating/sealers are deemed to comply without testing. VOC emissions are determined by a third-party laboratory that is accredited to ISO/IEC 17025 with the specified test method listed in the scope of its accreditation. VOC emissions results are determined by California Department of Public Health (CDPH) "*Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers*," V 1.2, 2017, Standard Private Office Scenario. Alternatively, VOC emission results are determined by UL 2821 "*GREENGUARD Certification Program Method for Measuring and Evaluating Chemical Emissions from Building Materials, Finishes and Furnishings,"* March 2013, Table 2 Office Model and Section 34.1 Allowable Limits for GREENGUARD Certification Gold.	Maximum: 8 points or as adjusted by N/A items Points are earned when 90% by area of products in the following categories comply with VOC emissions criteria, up to a maximum of 8 points: • Three points are earned where floors/floor coverings comply with VOC emissions criteria. ○ Not applicable if there are no floor coatings/floor coverings. • Three Points are earned where ceiling systems comply with VOC emissions criteria. ○ Not applicable if there are no ceiling systems. • One point is earned where acoustical and thermal insulation comply with VOC emissions criteria. ○ Not applicable if there is no acoustical and thermal insulation. • One point is earned where wall systems comply with VOC emissions criteria. ○ Not applicable if there are no wall systems.

11.3 Lighting Design and Systems

11.3.1.2 Regularly occupied task areas are designed to have *clear views* to the exterior or atria within 25 ft. (7.6 m) from a window.	Maximum = 3 points • Three points are earned where ≥90% of occupied space has *clear views.* • Two points are earned where ≥60% to <90% of occupied space has *clear views*. • One point is earned where ≥40% to <60% of occupied space has *clear views*. • No points are earned where <40% of occupied space has *clear views*.

11.5 Acoustical Privacy and Comfort

11.5.1.1 Design complies with noise limit criteria, quantified by either Noise Criterion (NC) or A-weighted Overall Sound Level (dBA)/C-weighted Overall Sound Level (dBC), as follows: • **Healthcare spaces noise limit criteria in accordance with one of the following as applicable:** ○ *2018 FGI Guidelines for Design and Construction of Hospitals* ○ *2018 FGI Guidelines for Design and Construction of Outpatient Facilities* ○ *2018 FGI Guidelines for Design and Construction of Residential Health, Care, and Support Facilities* • **Educational spaces noise limit criteria in accordance with the**	Maximum = 6 points • One point is earned for establishing noise limit criteria for all listed spaces. AND • Three points are earned for validating compliance with a Noise Assessment of noise limit criteria for ≥75% to ≤100% of listed spaces. • Two points are earned for

following: o ANSI S12.60 Series: *Acoustical Performance Criteria, Design Requirements, And Guidelines For Schools* • **All other spaces noise limit criteria in accordance with the following:** o *Table 1 Design Guidelines for HVAC-Related Background Sound in Rooms* in *Chapter 49. Noise and Vibration Control* of the 2019 *ASHRAE Applications* Handbook o Informative *Annex C – Recommended noise level specifications for various occupied activity areas* of *ANSI/ASA S12.2-2019: Criteria For Evaluating Room Noise*. **11.5.1.1.1** Verification of building-related systems', services' and utilities' noise levels comply with noise limit criteria in 11.5.1.1, measured after construction but prior to occupancy, ~~through measurement~~ using a Type I or Type II sound level meter ~~after construction but prior to occupancy~~.	validating compliance with a Noise Assessment of noise limit criteria for ≥50% to <75% of listed spaces. • One point is earned for validating compliance with a Noise Assessment of noise limit criteria for ≥10% to <50% of listed spaces. • No points are earned for validating compliance with a Noise Assessment of noise limit criteria for <10% of listed spaces. • One point is earned for 11.5.1.1.1.

11.5.2 Acoustic Insulation and Vibration Isolation	
11.5.2.1 Design complies with minimum composite Sound Transmission Class ratings of rooms, as follows*:* • **Healthcare spaces, one of the following as applicable:** o 2018 *FGI Guidelines for Design and Construction of Hospitals* o 2018 *FGI Guidelines for Design and Construction of Outpatient Facilities* o 2018 *FGI Guidelines for Design and Construction of Residential Health, Care, and Support Facilities* • **Educational spaces:** o ANSI S12.60 Series: *Acoustical Performance Criteria, Design Requirements, And Guidelines For Schools* • **Other spaces:** o *Table 801.3.3.3 Minimum Sound & Impact Sound Ratings* of the 2018 *International Green Construction Code* (IgCC). **OR** Design complies with minimum composite Sound Transmission Class ratings calculated to meet the noise limit criteria or 5 ~~points~~ dBa less than the masking sound levels for spaces. For spaces requiring speech privacy, the minimum composite Sound Transmission Class ratings is calculated to provide the required level of speech privacy in accordance with one of the following: • Speech Privacy Class values of 70 or greater, as in *TABLE X2.1 Interpreting SPC: Descriptions of the Likelihood of Speech Being Audible or Intelligible for Various Ranges of SPC, Based on Speech Levels in Meeting Rooms and Offices* in *ASTM E2638-10 Standard Test Method for Objective Measurement of the Speech Privacy Provided by a Closed Room* • Articulation Index values of 0.30 or less, as in *Appendix X.1 RELATIONSHIP OF ARTICULATION INDEX TO SPEECH PRIVACY* in *ASTM E1130-16 Standard Test Method for Objective Measurement of Speech Privacy in Open Plan Spaces Using Articulation Index*	Maximum = 4 points • Four points are earned for ≥80% to ≤100% of listed room types. • Three points are earned for ≥50% to <80% of listed room types. • Two points are earned for ≥25% to <50% of listed room types. • No points are earned for <25% of listed room types.

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Revision to NSF/ANSI 14-2020
Issue 112 Revision 1 (June 2021)

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

NSF/ANSI Standard
for Plastics —

Plastics piping system components and related materials

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9 Quality Assurance

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Table 9.6
ABS pipe testing frequency

Test	~~Potable water~~ Pressure	DWV	DWV cellular core
burst pressure[1]	24 h	—	—
~~deflection load and crush resistance~~			
pipe outside diameter	2 h	2 h	2 h
pipe wall thickness	2 h	2 h	2 h
pipe out-of-roundness	2 h	2 h	2 h
flattening resistance	annually	24 h[2]	24 h
impact at 22.8 °C (73 °F)[2]	—	24 h	—
impact at 0 °C (32 °F)[2]	—	—	24 h
joint tightness	—	—	—
stiffness	—	24 h[2]	24 h
sustained pressure	annually	—	—
tup puncture resistance	—	—	—
ash content	—	—	semiannually
ash composition	—	—	semiannually
product standard(s)	ASTM F2806 ASTM F2969	ASTM D2661 CSA B181.1	ASTM F628

[1] If one material is continuously used in several machines or sizes, and when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day, rotated in sequence among all machines or sizes.

[2] Testing not required for pipe listed only to CSA B181.1.

BSR/UL 1389, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations

PROPOSAL

1. Equipment Protection by Pressurized Room "p" and Artificially Ventilated Room "v"

46.3 Extractors for hazardous locations applications shall additionally include the following markings, as applicable:

f) For EPL Gc or Class I, Zone 2 or Class I, Division 2 applications, one of the following Warning markings:

1) WARNING – RISK OF EXPLOSION: Vessels containing flammable solvents, or material exposed to flammable solvents, only to be opened in a location that is documented for the release of the solvent.
2) WARNING – RISK OF EXPLOSION: Vessels containing flammable solvents, or material exposed to flammable solvents, only to be opened in an NFPA 496 Type X or Y pressurized room.
3) For CE Code-based Class I, Division 2 installations, or EPL Gc installations: WARNING – RISK OF EXPLOSION: Vessels containing flammable solvents, or material exposed to flammable solvents, only to be opened in a CSA C60079-13 Type of Protection "Ex v" or "Ex pv".
4) For NEC-based Class 1, Division 2 installations, or Class I, Zone 2 installations: WARNING – RISK OF EXPLOSION: Vessels containing flammable solvents, or material exposed to flammable solvents, only to be opened in a UL 60079-13 Type of Protection "AEx v" or "AEx pv".

2. Applicable Hazardous Locations Requirements for Booths

48.2 Where the area within the booth is a hazardous (classified) location, the booth shall comply with the requirements of the following standards, as applicable and as modified by this standard:

a) For CE Code-based installations: CSA C22.2 No. 14, NFPA 33, and the applicable Canadian CAN standards for the Type of Protection permitted to be used in the involved area classification;
b) For NEC-based installations: Parts 1 and 2 of UL 2011, UL 2755, NFPA 33, and the applicable NEC ANSI standards for the Type of Protection permitted to be used in the involved area classification.

In addition, Type X or Y booths shall comply with NFPA 496.

BSR/UL 1691, Standard for Safety for Single Pole Locking-Type Separable Connectors

1. This proposed Second Edition of the Standard for Standard for Single Pole Locking-Type Separable Connectors UL 1691, includes the following proposal: Alternative Marking and Instructions for Manufacturer's Website, Section 37.6.

8.7 A polymeric material having Hot Wire Ignition (HWI) performance level class values not greater than those shown in ~~Glow Wire Test, Clause 20~~ Table 8.1 for the applicable flammability classification need not comply with the Glow Wire Test, Clause 20.
8.8 A polymeric material having High-Current Arc Resistance to Ignition (HAI) and Hot Wire Ignition (HWI) performance level class values not greater than those shown in ~~High-Current Arc Resistance to Ignition Test, Clause 21~~ Table 8.1 need not comply with the High-Current Arc Resistance to Ignition Test, Clause 21.

Table 8.1

Hot wire ignition (HWI) and high-current arc resistance to ignition (HAI) ratings of insulating materials

Flammability classification[a]	HWI[b,d]		HAI[c,d]	
	Mean ignition time (s)	PLC	Mean no. of arcs	PLC
V-0, VTM-0	7 and up to 15	4	15 and up to 30	3
-	-	-	-	-
V-1, VTM-1[e]	15 and up to 30	3	15 and up to 30	3
-	-	-	-	-
V-2, VTM-2	15 and up to 30	3	15 and up to 30	3
-	-	-	-	-
HB	30 or more	2	60 or more	1
[a] Flammability classification - Described in UL 94.				
[b] Hot Wire Resistance to Ignition - Described in UL 746A.				
[c] High-Current Arc Resistance to Ignition - Described in UL 746A.				
[d] Mean ignition time and mean no. of arcs to be used to evaluate Filament Wound Tubing, Industrial Laminates, Vulcanized Fiber, and similar polymeric materials only. All other materials shall be judged using the performance level class values.				
[e] A polymeric material subjected to the flammability test with either the 12 mm or 20 mm (3/4- inch) flame in accordance with 8.3 shall comply with the PLC for a V-1 rating.				

20.2 Notwithstanding 20.1, a polymeric material having Hot Wire Ignition (HWI) performance level class values not greater than those shown in ~~Glow Wire Test, Clause 20~~ Table 8.1 for the applicable flammability classification need not be subjected to the Glow Wire Test, Clause 20.