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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.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 1-202x/IEC 61094-1-2000, Electroacoustics - Measurement microphones - Part 1: Specifications for laboratory standard microphones (identical national adoption of IEC 61094-1:2000 and revision of ANSI/ASA S1.15-1997/Part 1 (R2020))

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This standard specifies mechanical dimensions and certain electroacoustic characteristics for condenser microphones used as laboratory standards for the realization of the unit of sound pressure and for sound-pressure measurements of the highest attainable accuracy. The specifications are intended to ensure that primary calibration by the reciprocity method can be readily carried out. This standard also establishes a system for classifying laboratory-standard condenser microphones into a number of types according to their dimensions and properties.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 2-202x/IEC 61094-2-202x, Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-2:2009)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of International Standard IEC 61094 is applicable to laboratory-standard microphones meeting the requirements of IEC 61094-1 and other types of condenser microphones having the same mechanical dimensions; specifies a primary method of determining the complex pressure sensitivity so as to establish a reproducible and accurate basis for the measurement of sound pressure. All quantities are expressed in SI units.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 3-202x/IEC 61094-3-202x, Electroacoustics - Measurement microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-3:2016)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of IEC 61094 specifies a primary method of determining the complex free-field sensitivity of laboratory-standard microphones so as to establish a reproducible and accurate basis for the measurement of sound pressure under free-field conditions, is applicable to laboratory-standard microphones meeting the requirements of IEC 61094-1, is intended for use by laboratories with a highly experienced staff and specialized equipment.

ASA (ASC S1) (Acoustical Society of America)

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Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 4-202x/IEC 61094-4-1995, Measurement microphones - Part 4: Specifications for working standard microphones (identical national adoption of IEC 61094-4:1995)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of IEC 1094 is applicable to working standard microphones. It specifies mechanical dimensions and certain electroacoustical characteristics for working standard microphones used in measuring systems for the determination of sound pressure to enable these microphones to be used as transfer standards in the calibration of acoustic measurement instruments. It establishes a system for classifying working standard microphones into a number of types according to their dimensions and properties in order to facilitate the specification of measurement systems, the calibration of measuring systems and microphones by sound calibrators, and the interchangeability of microphones in given measuring and calibration systems. It does not specify the transduction principle by which working standard microphones operate.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 5-202x/IEC 61094-5-2016, Electroacoustics - Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison (identical national adoption of IEC 61094-5:2016)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of IEC 61094-5 is applicable to working standard microphones with removable protection grids meeting the requirements of IEC 61094-4 and to laboratory-standard microphones meeting the requirements of IEC 61094-1. This part of IEC 61094 describes methods of determining the pressure sensitivity by comparison with either a laboratory-standard microphone or another working standard microphone with known sensitivity in the respective frequency range. Alternative comparison methods based on the principles described in IEC 61094-2 are possible but beyond the scope of this part of IEC 61094.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 6-202x/IEC 61094-6-2004, Measurement microphones - Part 6: Electrostatic actuators for determination of frequency response (identical national adoption of IEC 61094-6:2004)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of IEC 61094 gives guidelines for the design of actuators for microphones equipped with electrically conductive diaphragms; gives methods for the validation of electrostatic actuators; and gives a method for determining the electrostatic actuator response of a microphone. The applications of electrostatic actuators are not fully described within this standard but may include a technique for detecting changes in the frequency response of a microphone, a technique for determining the environmental influence on the response of a microphone, a technique for determining the free-field or pressure response of a microphone without specific acoustical test facilities, by the application of predetermined correction values specific to the microphone model and actuator used, a technique applicable at high frequencies not typically covered by calibration methods using sound excitation.

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 7-202x/IEC TS 61094-7-2006, Measurement microphones - Part 7: Values for the difference between free field and pressure sensitivity levels of laboratory standard microphones (identical national adoption of IEC TS 61094-7:2006)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This gives a polynomial function derived from a least square fit to data from several laboratories, for the differences between free-field and pressure sensitivity levels of laboratory-standard microphones as specified in IEC 61094-1, enables determination of the free-field sensitivity level of a laboratory-standard microphone for zero-degrees incidence in air by adding values of these differences to the pressure sensitivity level, gives tabulated values for the polynomial function for a range of frequency and temperature, is applicable when a suitable free-field calibration is not available.

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1305 Walt Whitman Road, Suite 300, Melville, NY 11747 www.acousticalsociety.org

Contact: Nancy Blair-DeLeon; standards@acousticalsociety.org

New National Adoption

BSR/ASA S1.15, Part 8-202x/IEC 61094-8-2012, Measurement microphones - Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison (identical national adoption of IEC 61094-8:2012)

Stakeholders: Calibration laboratories, consumer electronics, telecom, hearing science, and standards development organizations.

Project Need: Provides a primary reference for all acoustical and electroacoustical measurements. Eliminates the need to harmonize and maintain a separate American National Standard, given that all measurement microphone manufacturers follow the IEC 61094 series.

Scope: This part of the IEC 61094 series is applicable to working standard microphones meeting the requirements of IEC 61094-4. It describes methods of determining the free-field sensitivity by comparison with a laboratory-standard microphone or working standard microphone (where applicable) that has been calibrated according to either: IEC 61094-3, IEC 61094-2, or IEC 61094-5, and where factors given in IEC/TS 61094-7 have been applied; IEC 61094-6; and this part of IEC 61094.

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/ASABE S648-4.1-202x, Agricultural Field Equipment Braking - Part 4: Requirements for Towed Vehicles (revision and redesignation of ANSI/ASABE S648-4 MONYEAR-2020)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Revises clauses 6.2.2 and 6.2.3 that are not clear and conflicts with other information in the standard.

Scope: This part of ANSI/ASABE S648 provides normative references and establishes the minimum requirements related to braking of towed vehicles and towed vehicle trains. These requirements and the minimum performance criteria are directed to the operation and parking of towed vehicles and towed vehicle trains having a maximum design ground speed greater than 6 km/h (3.7 mile/h).

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/ASABE S648-5.1 MONYEAR-202x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5 MONYEAR-2020)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Revision is to clarify compatibility information for low-speed/high-mass towed vehicles. Additional revision to match simulator performance with EU Regulations.

Scope: This part of ANSI/ASABE S648 establishes the minimum requirements for interfacing the service brake system and parking brake system on towing agricultural field equipment with the service brake system and parking brake system on towed agricultural field equipment. The requirements of this part of ANSI/ASABE S648 are applicable to dual-line hydraulic and pneumatic systems but does not preclude the use of other equivalent systems. These requirements and minimum performance criteria are directed to the operation and parking of agricultural field equipment having a maximum design ground speed greater than 6 km/h (3.7 mile/h).

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 www.asme.org

Contact: Terrell Henry; ansibox@asme.org

Revision

BSR/ASME PTC 19.3TW-202x, Thermowells (revision of ANSI/ASME PTC 19.3TW-2016)

Stakeholders: Users, manufacturers, operators.

Project Need: The Standard will be revised to correct typographical errors and provide direction regarding applicability of methods to multiphase flow applications and applicability of calculations to sample probes and injection quills.

Scope: This Standard applies to thermowells machined from bar stock and includes those welded to or threaded into a flange as well as those welded into a process vessel or pipe with or without a weld adaptor.

ASTM (ASTM International)

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 www.astm.org

Contact: Laura Klineburger; accreditation@astm.org

New Standard

BSR/ASTM WK75153-202x, New Specification for Polyethylene (PE) Pressure Pipe Bends (Elbows) in Nominal Diameters 8-inch to 36-inch (219-mm to 915-mm), Fabricated from Thick Wall Gore-Pipe by Heat Fusion Joining of Miter-Cut or Machined Segments, or by Thermo-Forging (new standard)

Stakeholders: Fittings industry.

Project Need: This is widely useable for Water Distribution, fuel gas, and Industrial applications. The dimensions are the same and the construction is the same for all industries. The full pressure rating is a matter of geometry reinforcement of the intrados stress field at the fusion joint.

Scope: This specification covers requirements and test methods for material, gore-pipe and bend dimensions and tolerances, hydrostatic qualification, bend pressure design, chemical resistance, and rapid crack resistance of fabricated polyethylene gore-pipe and bends (elbows) for use in water or fuel-gas pipe-mains for direct burial and re-liner applications.

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 www.ecianow.org

Contact: Laura Donohoe; ldonohoe@ecianow.org

New National Adoption

BSR/EIA 60384-13-202x, Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors (identical national adoption of IEC 60384-13:2020 Edition 5.0)

Stakeholders: Electrical, Electronics, and Telecommunications industry.

Project Need: Adopt identical ISO or IEC standard.

Scope: This part of IEC 60384 specifies preferred ratings and characteristics; selects from IEC 60384-1:2016 the appropriate quality assessment procedures, tests and measuring methods; and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level. Lower performance levels are not permitted. This part of IEC 60384 applies to fixed direct current capacitors, using as dielectric a polypropylene film with electrodes of thin metal foils. The capacitors covered by this document are intended for use in electronic equipment.

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 www.asse-plumbing.org

Contact: Terry Burger; terry.burger@asse-plumbing.org

Revision

BSR/ASSE 1061-202x, Performance Requirements for Push-Fit Fittings (revision of ANSI/ASSE 1061-2020)

Stakeholders: Plumbing, construction.

Project Need: There are new materials in use within the plumbing industry which are not adequately covered in this standard. Revisions are needed to include test methods for PB transition fittings. Additionally, a correction is being made to the markings section of the standard. Within this revision, the scope will be expanded to include other sizes of push-fit fittings.

Scope: The purpose of this standard is to establish minimum performance requirements for push-fit fittings and push-fit connections that are integrated into plumbing devices (referred to as the "fitting" in this standard). The fittings described in this standard are intended for use in hot and cold potable water distribution and hydronic heating systems in residential and commercial applications.

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

5001 East Philadelphia Street, Ontario, CA 91761 <https://www.iapmostandards.org>

Contact: Kyle Thompson; standards@iapmostandards.org

New Standard

BSR/IAPMO Z1324-202x, Alternate Water Source Systems for Multi-Family, Residential, and Commercial Use (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.

Project Need: Needed for testing and certification purposes.

Scope: This Standard covers alternate water source systems for multi-family, residential, and commercial use intended to process water from alternate water sources such as greywater, rainwater, stormwater air-conditioning condensate, cooling tower makeup, vehicle wash, and other nonpotable reuse applications not specifically listed, for use in subsurface and/or surface irrigation and toilet/urinal flushing applications, and specifies requirements for materials, physical characteristics, performance testing, and markings. This standard does not cover using blackwater as an alternate water source.

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

445 Hoes Lane, Piscataway, NJ 08854 www.ieee.org

Contact: Jennifer Santulli; J.Santulli@ieee.org

Addenda

BSR N42.43-202x, Standard Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security (addenda to ANSI N42.43-2016)

Stakeholders: USDHS, USDOE, USNRC, USDOD, USDOC, and radiation detection and identification equipment manufacturers.

Project Need: The radionuclide identification acceptance criteria contained within this standard is outdated. This project will focus on updating the acceptance criteria to the currently accepted process used in other N42 standards.

Scope: This standard specifies the basic performance requirements for mobile radiation-detection systems used in homeland security applications. These systems are used to detect gamma radiation and may include neutron detection and/or the identification of gamma-ray emitting radionuclides. They are typically placed in vehicles where they are used either while moving or when stationary. This standard establishes the radiological performance and testing requirements and those requirements associated with the expected electrical, mechanical, and environmental conditions while in use.

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

445 Hoes Lane, Piscataway, NJ 08854 www.ieee.org

Contact: Jennifer Santulli; J.Santulli@ieee.org

Reaffirmation

BSR N42.49A-2010 (R202x), Standard for Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control (reaffirmation of ANSI N42.49A-2010)

Stakeholders: Includes the USDHS, USDOE, USNRC, USDOD, USDOC, many equipment manufacturers.

Project Need: Reaffirm current version of the N42.49 standard.

Scope: This standard specifies radiological requirements for Alarming Electronic Personal Emergency Radiation Detectors.

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

445 Hoes Lane, Piscataway, NJ 08854 www.ieee.org

Contact: Jennifer Santulli; J.Santulli@ieee.org

New Standard

BSR N42.63-202x, Standard Performance Guidance for Unmanned Aerial Radiation Measurement Systems (UARaMS) (new standard)

Stakeholders: USDHS, USDOE, USNRC, USDOD, and radiation detection and identification equipment manufacturers.

Project Need: Radiation instruments are being integrated onto Unmanned Aerial Systems (UASs) for the detection and measurement of sources of radiation. There are currently no performance requirements for these devices. It is the goal of this project to develop a technical guidance document establishing functional and performance guidance to ensure users and manufacturers are aware of expected operational conditions and functionality.

Scope: This recommended practice establishes performance criteria and characterization techniques for radiation measurement systems incorporated onto unmanned aerial systems, or UARaMS. The recommended practice provides a means to accurately assess a UARaMSs effectiveness to either search/localize a radiological source or characterize/map radioactive contamination. It outlines measurement expectations, functionality characterization tests, and functionality needs based on available radiation response information, test results, and expected radiation fields at applicable heights above ground level (AGL). This recommended practice will not address individual UAS performance or operations such as those items required for operation and control. The document will look at operational scenarios, detection needs and expectations, and environmental parameters that could be experienced during use such as temperature changes, mechanical shock, and onboard vibration. For radiation, response vectors include those expected from distributed contamination and from point sources. The primary UAVs of interest include those from Group 1 and Group 2 UAV designations.

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 www.tiaonline.org

Contact: Teesha Jenkins; standards-process@tiaonline.org

New National Adoption

BSR/TIA 526-28-202x, Fibre-Optic Communication Subsystem Test Procedures - Part 4-5: Installed Cabling Plant - Attenuation Measurement of MPO Terminated Fibre-Optic Cabling Plant Using Test Equipment with MPO Interfaces (identical national adoption of IEC 61280-4-5)

Stakeholders: TR-42.1, TR-42.11, TR-42.13, IEC 86B, IEC 86C, ISO/IEC/JTC1/SC25/WG3, end-users, installers, designers of optical fiber cabling systems.

Project Need: Adopt identical ISO or IEC Standard.

Scope: Adopt IEC 61280-4-5: 2020 as a new ANSI/TIA 526 document.

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 <https://ul.org/>

Contact: Elizabeth Northcott; Elizabeth.Northcott@ul.org

New Standard

BSR/UL 8802-202X, Standard for Safety for Ultraviolet (UV) Germicidal Equipment and Systems (new standard)

Stakeholders: Lighting equipment and system manufacturers, UV germicidal equipment and systems manufacturers, users and consumers of lighting and UV germicidal Equipment and systems.

Project Need: To establish requirements for equipment and systems that use ultraviolet (UV) energy primarily for UV germicidal applications. Mitigation of the UV overexposure risk to humans would be accomplished by a combination of site and equipment safeguards. UV emitter assemblies and germicidal systems are intended for use only in unoccupied spaces. A combination of switches, sensors, and other controls act to ensure that the treated space is vacant before the system can be engaged, and also ensures that the space remains vacant for the duration of the treatment cycle. The effectiveness of these safeguards is confirmed by a safeguard assessment. This proposal is intended to address the personal injury considerations from UV overexposure, but it would be used in conjunction with the Canadian Luminaire standard, CSA C22.2 No. 250.0, to address the fire and shock considerations for the upper-room equipment and UV emitter assemblies.

Scope: The requirements in this proposed new standard apply to ultraviolet germicidal irradiation equipment and systems emitting uncontained UV and intended for use in commercial and industrial environments and installed in accordance with the U.S. National Electrical Code (NEC), ANSI/NFPA 70, and in accordance with the Canadian Electrical Code, Part I (CEC), CSA C22.1. These requirements cover: Germicidal systems – intended to expose surfaces within an unoccupied area with ultraviolet (UV) energy where the exposure dose would otherwise pose a risk of personal injury to occupants. System components include UV emitters, switches, sensors, and other controls acting as site or equipment safeguards. The installation and operating instructions are considered an integral system component. A system may also include devices that produce visible light. Upper-room germicidal equipment – intended for use while a space is occupied. The UV risk is mitigated by a fixed installation at a minimum height above the floor as well as directional baffling to minimize direct emissions towards the occupied space. The effectiveness of these safeguards is confirmed by a photobiological risk assessment. UV emitters – intended for use either as stand-alone components of upper-air equipment or a germicidal system.

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: January 31, 2021

ASME (American Society of Mechanical Engineers)

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

New Standard

BSR/ASME Y14.45-202x, Measurement Data Reporting (new standard)

Establishes uniform practices for reporting attribute or variable measurement data for the dimensioning and tolerancing specifications defined in ASME Y14.5-2018. Measurement data used in support of product acceptance, manufacturing process evaluation, design development and other uses are addressed. All reporting requirements are independent of the measurement process or equipment used to gather the data.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: Fred Constantino; constantinof@asme.org

NSF (NSF International)

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

Revision

BSR/NSF 2-202x (i38r2), Food Equipment (revision of ANSI/NSF 2-2019)

Equipment covered by this Standard includes, but is not limited to, bakery, cafeteria, kitchen, and pantry units, and other food handling and processing equipment such as tables and components, counters, tableware, hoods, shelves, and sinks.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: January 31, 2021

NSF (NSF International)

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

Revision

BSR/NSF 385-202x (i6r1), Disinfection Mechanics (revision of ANSI/NSF 385-2019)

This Standard is intended for use with devices intended to disinfect wastewater after secondary treatment and prior to discharge from residential wastewater treatment systems having rated treatment capacities between 757 L/day (200 gal/day) and 5678 L/day (1500 gal/day). This Standard also applies to devices intended to be used in water reclamation and reuse. Specific requirements exist for construction and testing of individual disinfection devices based on the technology used by the device. All Devices are required to be tested against the influent challenge water as specified in section 1.4 and to meet the minimum effluent quality requirements in accordance with 1.5. Devices shall be tested against the effluent requirements of this Standard unless the manufacturer requests certification under an effluent standard in NSF/ANSI 350 which is more stringent than this Standard.

[Click here to view these changes in full](#)

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

SPRI (Single Ply Roofing Industry)

465 Waverley Oaks Road, Suite 421, Waltham, MA 02452 p: (781) 647-7026 w: www.spri.org

Revision

BSR/SPRI IA-1-202x, Standard Field Test Procedure for Verifying the Suitability of Roof Substrates and Adhesives (revision of ANSI/SPRI IA-1-2015)

This standard specifies a field-test procedure to verify the suitability of an existing roof substrate or roof assembly, and adhesive combination. This testing procedure encompasses various types of insulation adhesives and substrates.

[Click here to view these changes in full](#)

Send comments (with optional copy to psa@ansi.org) to: Linda King; info@spri.org

Comment Deadline: February 15, 2021

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 p: (202) 682-8190 w: www.api.org

Reaffirmation

BSR/API Std. 619, 5th Edition-2008 (R202x), Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical, and Natural Gas Industries (reaffirm a national adoption of ANSI/API Standard 619-2008)

This part of ISO 10440 specifies requirements for dry and oil-flooded, helicallobe rotary compressors used for vacuum or pressure or both in petroleum, petrochemical, and gas industry services. It is intended for compressors that are in special-purpose applications. It is not applicable to general-purpose air compressors, liquid-ring compressors, or vane-type compressors.

Single copy price: \$216.00

Obtain an electronic copy from: <https://www.apiwebstore.org/publications/item.cgi?7944666b-9399-4347-aacd-8f4026469e3e>

Order from: <https://www.apiwebstore.org/publications/item.cgi?7944666b-9399-4347-aacd-8f4026469e3e>

Send comments (with optional copy to psa@ansi.org) to: Duane Brown; brownd@api.org

Comment Deadline: February 15, 2021

ASA (ASC S2) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 p: (516) 576-2341 w: www.acousticalsociety.org

New Standard

BSR/ASA S2.75-202x/Part 3, Shaft Alignment Methodology, Part 3: Alignment of Vertically Oriented Rotating Machinery (new standard)

This American National Standard gives guidelines for applying shaft vibration evaluation criteria, under normal operating conditions, measured at or close to the bearings of some types of non-reciprocating shipboard machinery. These guidelines are presented in terms of both steady vibration amplitudes and changes in amplitudes which may occur in these steady values. Purpose: The purpose of this standard is to provide specific guidance for assessing the severity of vibrations measured on rotating shafts of large shipboard machines with fluid film bearings, whenever such measurements are required, so as to ensure smooth operation from the standpoint of mechanical suitability.

Single copy price: \$165.00

Obtain an electronic copy from: standards@acousticalsociety.org

Order from: Nancy Blair-DeLeon; standards@acousticalsociety.org

Send comments (with optional copy to psa@ansi.org) to: Nancy Blair-DeLeon; standards@acousticalsociety.org

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (404) 636-8400 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum b to Standard 30-202x, Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019)

This addendum changes "water" to "liquid" where applicable; clarifies requirements for ΔP_{adj} ; replaces reference to ASME and ISA standards with exclusive reference to ASHRAE 41 series standards; adds an Excel workbook to facilitate calculates in accordance with Table 6-2; and removes ft H₂O from the standard.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Send comments (with optional copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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Revision

BSR/ASHRAE Standard 153-202x, Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves (revision of ANSI/ASHRAE Standard 153-2015)

This revision of ANSI/ASHRAE Standard 153-2015 provides a test method for measuring the refrigerant vapor mass flow capacity of four-way refrigerant reversing valves. The standard aims to measure mass flow capacity with sufficient accuracy to facilitate application decisions.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with optional copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Comment Deadline: February 15, 2021

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 768-3475 w: www.assp.org

Revision

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

This standard establishes requirements for the performance, design, marking, qualification, instruction, training, test methods, inspection, use, maintenance, and removal from service of full body harnesses (FBH). FBHs are used for fall arrest, positioning, travel restraint, suspension, and/or rescue applications for users within the capacity range of 130 to 310 pounds (59 to 140 kg).

Single copy price: \$110.00

Obtain an electronic copy from: LBauerschmidt@assp.org

Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org

Send comments (with optional copy to psa@ansi.org) to: Lauren Bauerschmidt; LBauerschmidt@assp.org

AWI (Architectural Woodwork Institute)

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 p: 229-389-2539 w: www.awinet.org

New Standard

BSR/AWI 1236-202x, Countertops (new standard)

Provide standards and tolerances for the quality and fit of countertops by establishing minimum aesthetic and performance requirements. The standards and tolerances are intended to provide a well-defined degree of control over a project's quality of materials and workmanship for the manufacture of countertops.

Single copy price: Free

Obtain an electronic copy from: cdermyre@awinet.org

Order from: cdermyre@awinet.org

Send comments (with optional copy to psa@ansi.org) to: Cheryl Dermyre; cdermyre@awinet.org

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 334 w: www.aws.org

Supplement

BSR/AWS D1.6/D1.6M-202x-AMD1, Structural Welding Code - Stainless Steel (supplement to ANSI/AWS D1.6/D1.6M-2017)

This code covers the requirements for welding stainless steel structural assemblies.

Single copy price: \$146.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero; sborrero@aws.org

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

Comment Deadline: February 15, 2021

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR/CSA/IGSHPA C448 SERIES-2016 (R202x), Design and installation of ground source heat pump systems for commercial and residential buildings (reaffirmation and redesignation of ANSI/CSA C448-2016)

Applies to:

- Direct-expansion ground source heat pumps for systems using ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source;
- Unitary single package or split system liquid source and ground source heat pumps for all systems using groundwater, submerged heat exchangers, or ground heat exchangers as a thermal source or sink for heating and/or cooling, with or without a supplementary heating source.

This Standard also applies to thermal energy storage systems. This Standard applies to new and retrofit installations. This Standard covers minimum requirements for equipment and material selection, site survey, system design, installation, testing and verification, documentation, and commissioning and decommissioning. This Standard applies to standing column-well ground-source heat-pump systems.

Single copy price: Free

Obtain an electronic copy from: ansi@csagroup.org

Order from: David Zimmerman; ansi.contact@csagroup.org

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

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA NGV 6.1-202x, Compressed natural gas (CNG) fuel storage and delivery systems for road vehicles (revision of ANSI/CSA NGV 6.1-2018)

Standard for the design, installation, inspection, repair, and maintenance of the fuel storage and delivery system installed in on road vehicles for use with compressed natural gas (CNG). This includes fuel systems on self-propelled vehicles for the provision of motive power. This standard does not apply to (a) stationary engines; (b) mobile equipment using natural gas as a fuel for other than propulsion; or (c) electronic components or controls strategy of a fuel management system.

Single copy price: Free

Obtain an electronic copy from: ansi@csagroup.org

Order from: David Zimmerman, 216-524-4990, david.zimmerman@csagroup.org

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

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 60115-1 ed. 4.0-2014 (R202x), Fixed Resistors for Use in Electronic Equipment - Part 1: Generic Specification (reaffirmation of ANSI/EIA 60115-1 ed. 4.0-2014)

This part of IEC 60115 is a generic specification and is applicable to fixed resistors for use in electronic equipment. It establishes standard terms, inspection procedures, and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

Single copy price: \$146.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

Comment Deadline: February 15, 2021

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 60384-11-2014 (R202x), Fixed Capacitors for Use in Electronic Equipment - Part 11: Sectional Specification Fixed Polyethylene-Terephthalate Film Dielectric Metal Foil d.c. Capacitors (reaffirmation of ANSI/EIA 60384-11-2014)

This part of IEC 60384 applies to fixed direct current capacitors, for rated voltages not exceeding 6300 V, using as dielectric a polyethylene-terephthalate film and electrodes of thin metal foils. For capacitors with rated voltages exceeding 1000 V, additional tests and requirements may be specified in the detail specification. The capacitors covered by this standard are intended for use in electronic equipment.

Single copy price: \$98.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

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ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 60384-15-2014 (R202x), Fixed Capacitors for Use in Electronic Equipment - Part 15: Sectional Specification Fixed Tantalum Capacitors with Non-Solid or Solid Electrolyte (reaffirmation of ANSI/EIA 60384-15-2014)

This standard applies to polar and bipolar tantalum electrolyte capacitors with solid and non-solid electrolyte for use in electronic equipment. It comprises capacitors for long-life applications and capacitors for general-purpose applications. Capacitors for special-purpose application may need additional requirements.

Single copy price: \$104.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

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Reaffirmation

BSR/EIA 60384-16-2014 (R202x), Fixed Capacitors for Use in Electronic Equipment - Part 16: Sectional Specification: Fixed Metallized Polypropylene Film Dielectric d.c. Capacitors (reaffirmation of ANSI/EIA 60384-16-2014)

This part of IEC 60384 applies to fixed capacitors with metallized electrodes and poly-propylene dielectric for use in electronic equipment. These capacitors may have "self-healing properties" depending on conditions of use. They are mainly intended for use with direct voltage. Capacitors for alternating voltage and pulse applications are not included, but are covered by IEC 60384-17.

Single copy price: \$101.00

Obtain an electronic copy from: global.ihs.com

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Reaffirmation

BSR/EIA 60384-17-2014 (R202x), Fixed Capacitors for Use in Electronic Equipment - Part 17: Sectional Specification Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (reaffirmation of ANSI/EIA 60384-17-2014)

This part of IEC 60384 applies to fixed capacitors with metallized electrodes and poly-propylene dielectric for use in electronic equipment. NOTE: Capacitors which have mixed foil and metallized electrodes are also within the scope of this standard. These capacitors may have "self-healing" properties depending on conditions of use.

Single copy price: \$101.00

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Reaffirmation

BSR/EIA 60384-21-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (reaffirmation of ANSI/EIA 60384-21-2014)

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

Single copy price: \$116.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

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Reaffirmation

BSR/EIA 60384-22-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (reaffirmation of ANSI/EIA 60384-22-2014)

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

Single copy price: \$116.00

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Reaffirmation

BSR/EIA 60384-26-2014 (R202x), Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (reaffirmation of ANSI/EIA 60384-26-2014)

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

Single copy price: \$101.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

Comment Deadline: February 15, 2021

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 60938-1-2014 (R202x), Fixed Inductors for Electromagnetic Interference Suppression - Part 1: Generic Specification (reaffirmation of ANSI/EIA 60938-1-2014)

This International Standard applies to inductors designed for electromagnetic interference suppression intended for use within, or associated with, electronic or electrical equipment and machines. It is restricted to inductors for which safety tests are appropriate. The combination of two or more inductors within one enclosure is also included. Inductors within the scope of this standard may also be used to protect apparatus and machines from electrical noise and voltage or current transients coming from either the supply or from other parts of the apparatus.

Single copy price: \$101.00

Obtain an electronic copy from: global.ihs.com

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Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

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Reaffirmation

BSR/EIA 60938-2-2014 (R202x), Fixed Inductors for Electromagnetic Interference Suppression - Part 2: Sectional Specification (reaffirmation of ANSI/EIA 60938-2-2014)

This International Standard applies to fixed inductors designed for electromagnetic interference suppression and which fall within the scope of the generic specification, IEC 60938-1. It is restricted to fixed inductors for which safety tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of table 1 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required.

Single copy price: \$104.00

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Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 60938-2-1-2014 (R202x), Fixed Inductors for Electromagnetic Interference Suppression - Part 2-1: Blank Detail Specification Inductors for Which Safety Tests Are Required - Assessment Level D (reaffirmation of ANSI/EIA 60938-2-1-2014)

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout, and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described.

Single copy price: \$78.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

Comment Deadline: February 15, 2021

ECIA (Electronic Components Industry Association)

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Reaffirmation

BSR/EIA 60938-2-2-2014 (R202x), Fixed Inductors for Electromagnetic Interference Suppression - Part 2-2: Blank Detail Specification Inductors for Which Safety Tests Are Required (Only) (reaffirmation of ANSI/EIA 60938-2-2-2014)

This blank detail specification forms the basis for a uniform procedure for a common mark. It implements the approval schedule for safety tests only in IEC 60938-2, requires a declaration of design for parameters relevant to safety tests, and prescribes conformance tests to be conducted on every lot prior to its release and re-qualification tests depending on changes of the design.

Single copy price: \$76.00

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Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

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13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation

BSR/EIA 62391-1-2014 (R202x), Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (reaffirmation of ANSI/EIA 62391-1-2014)

This part of IEC 62391 applies to fixed electric double layer capacitors (called "capacitor(s)" in this standard) mainly used in DC circuits of electronic equipment. It establishes standard terms, inspection procedures, and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

Single copy price: \$140.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: Edward Mikoski, emikoski@ecianow.org

NEMA (ASC C50) (National Electrical Manufacturers Association)

1300 N 17th St, Suite 900, Rosslyn, VA 22209 p: (703) 841-3264 w: www.nema.org

Revision

BSR/NEMA MG 1-202x, Motors and Generators (revision of ANSI/NEMA MG 1-2016)

Assists users in the proper selection and application of motors and generators. Contains practical information concerning performance, safety, testing, and construction and manufacture of ac and dc motors and generators.

Single copy price: \$125.00

Obtain an electronic copy from: techstreet.com

Order from: techstreet.com

Send comments (with optional copy to psa@ansi.org) to: Michael Leibowitz; mike.leibowitz@nema.org

Comment Deadline: February 15, 2021

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of the NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI. These Second Draft Reports contain the disposition of public comment(s) that were received for standards in the 2021 Annual Revision Cycle (available for review on the next edition tab for each standard). All Notices of Intent to Make A Motion on the 2021 Annual Revision Cycle Second Draft Report must be received by the following date: February 17, 2021. For more information on the rules and deadlines for NFPA standards in cycle, please check the NFPA website (www.nfpa.org) or contact Standards Administration at NFPA. Those who submit comments to NFPA's online submission system on the 2021 Annual Revision Cycle Standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 13-202x, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2019)

This standard provides a range of sprinkler system approaches, design development alternatives, and component options that are all acceptable. Building owners and their designated representatives are advised to carefully evaluate proposed selections for appropriateness and preference. This standard shall provide the minimum requirements for the design and installation of automatic fire sprinkler systems and exposure protection sprinkler systems covered within this standard. This standard shall not provide requirements for the design or installation of water mist fire protection systems, which are not considered fire sprinkler systems and are addressed by NFPA 750. This standard is written with the assumption that the sprinkler system shall be designed to protect against a single fire originating within the building. This standard also provides guidance for the installation of systems for exterior protection and specific hazards. Where these systems are installed, they are also designed for protection of a fire from a single ignition source.

Obtain an electronic copy from: www.nfpa.org/13Next

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NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 13D-202x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2019)

NFPA 13D is appropriate for protection against fire hazards only in one- and two-family dwellings and manufactured homes. Residential portions of any other type of building or occupancy should be protected with residential sprinklers in accordance with NFPA 13 or in accordance with NFPA 13R. Other portions of such buildings should be protected in accordance with NFPA 13 or NFPA 13R as appropriate for areas outside the dwelling unit. The criteria in this standard are based on full-scale fire tests of rooms containing typical furnishings found in residential living rooms, kitchens, and bedrooms. The furnishings were arranged as typically found in dwelling units in a manner similar to that shown in Figure A.1.1(a), Figure A.1.1(b), and Figure A.1.1(c). Sixty full-scale fire tests were conducted in a two-story dwelling in Los Angeles, California, and 16 tests were conducted in a 14 ft (4.3 m)-wide mobile home in Charlotte, North Carolina. Sprinkler systems designed and installed according to this standard are expected to prevent flashover within the compartment of origin where sprinklers are installed in the compartment. A sprinkler system designed and installed according to this standard cannot, however, be expected to completely control a fire involving fuel ...

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Revision

BSR/NFPA 13R-202x, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2019)

This standard shall cover the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height in buildings not exceeding 60 ft (18 m) in height above grade plane. NFPA 13R is appropriate for use as an option to NFPA 13 only in those residential occupancies, as defined in this standard, up to and including four aboveground stories in height, and limited to buildings that are 60 ft (18 m) or less in height above grade plane, which is consistent with limits established by model building codes for buildings of Type V construction. The height of a building above grade plane is determined by model building codes, which base the height on the average height of the highest roof surface above grade plane. For further information on the building height story limits, see model building codes. It is the intent of this standard that if NFPA 13R is appropriate for use, it be used throughout the entire building. It is recognized that an accessory or incidental occupancy to the operations of the residential occupancy might exist within that residential occupancy. Such accessory or incidental occupancy would..

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Revision

BSR/NFPA 24-202x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2019)

This standard shall cover the minimum requirements for the installation of private fire service mains and their appurtenances supplying the following: (1) Automatic sprinkler systems; (2) Open sprinkler systems; (3) Water-spray fixed systems; (4) Foam systems; (5) Private hydrants; (6) Monitor nozzles or standpipe systems with reference to water supplies; and (7) Hose houses. This standard shall apply to combined service mains used to carry water for fire service and other uses. This standard shall not apply to the following situations: (1) Mains under the control of a water utility; (2) Mains providing fire protection and/or domestic water that are privately owned but are operated as a water utility This standard shall not apply to underground mains serving sprinkler systems designed and installed in accordance with NFPA 13R that are under 4 in. (102 mm) in size. This standard shall not apply to underground mains serving sprinkler systems designed and installed in accordance with NFPA 13D.

Obtain an electronic copy from: www.nfpa.org/24Next

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NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 80A-202x, Recommended Practice for Protection of Buildings from Exterior Fire Exposures (revision of ANSI/NFPA 80A-2017)

This recommended practice addresses separation distances between buildings to limit exterior fire spread based on exterior openings and other construction features.

Obtain an electronic copy from: www.nfpa.org/80aNext

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NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 101A-202x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2019)

This guide consists of a number of alternative approaches to life safety. Each chapter is a different system independent of the others and is to be used in conjunction with the NFPA 101, Life Safety Code.

Obtain an electronic copy from: www.nfpa.org/101aNext

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/101aNext

NFPA (National Fire Protection Association)

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Revision

BSR/NFPA 150-202x, Fire and Life Safety in Animal Housing Facilities Code (revision of ANSI/NFPA 150-2019)

This standard shall provide the minimum requirements for the design, construction, fire protection, and classification of animal housing facilities. The requirements of NFPA 150 recognize the following fundamental principles: (1) Animals are sentient beings with a value greater than that of simple property; (2) Animals, both domesticated and feral, lack the ability of self-preservation when housed in buildings and other structures; and (3) Current building, fire, and life safety codes do not address the life safety of the animal occupants. The requirements found in NFPA 150 are written with the intention that animal-housing facilities will continue to be designed, constructed, and maintained in accordance with the applicable building, fire, and life safety codes. The requirements in this standard are not intended to replace or rewrite the basic requirements for the human occupants. Instead, NFPA 150 provides additional minimum requirements for the protection of the animal occupants and the human occupants who interact with those animals in these facilities. NFPA 150 is divided into three major sections: The first section, Chapters 1 through 3, contains only administrative requirements, while the second section, Chapters 4 through 10, provides general requirements for all facilities housing animals (i.e., facility subclassification, animal..

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Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/150Next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 232-202x, Standard for the Protection of Records (revision of ANSI/NFPA 232-2017)

Businesses have been forced to close due to the insurmountable task of replacing organizational and operational records. Although accurate nationwide statistics are needed, it is known that the losses sustained in fires by such businesses have had the adverse effect of lowering their credit ratings and that some went out of business because of the destruction of their records. Since the early 1900s, the volume of records, especially of business records, has increased rapidly. These records have to be stored. This need, stimulated by competition among manufacturers, led to the development of better records containers, especially that of lighter weight containers with greater capacity and higher fire resistance ratings. The heavy, old-line safes of uncertain fire resistance rating could no longer meet the needs of business and have been replaced largely by modern fire-resistive containers. Newer techniques of record keeping (e.g., microfilm and electronic computers) are creating new problems and new demands. The issues facing the records protection field today are better acknowledgment and increased study of the records protection problem. Technically, the equipment needed to provide the necessary protection has been produced and rigorously tested. It is now the responsibility of records owners and...

Obtain an electronic copy from: www.nfpa.org/232Next

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Comment Deadline: February 15, 2021

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 291-202x, Recommended Practice for Fire Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2019)

The scope of this document is fire flow testing and marking of hydrants.

Obtain an electronic copy from: www.nfpa.org/291Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/291Next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 407-202x, Standard for Aircraft Fuel Servicing (revision of ANSI/NFPA 407-2017)

This standard applies to the fuel servicing of all types of aircraft using liquid petroleum fuel. This standard does not apply to any of the following: (1) In-flight fueling; (2) Fuel servicing of flying boats or amphibious aircraft on water; and (3) Draining or filling of aircraft fuel tanks incidental to aircraft fuel system maintenance operations or manufacturing. This document is not intended to be used as the sole standard for design, construction, operation, and maintenance of fuel storage and transfer facilities, as it does not address requirements for environmental protection, fuel quality, or other issues not directly related to fire safety. Additional guidance can be obtained from other documents, including, but not limited to: A4A Spec 103, ASTM MNL5, API 607, API RP 1595, API RP 2003, EI 1529, EI 1540, EI 1550, EI 1581, EI 1583, EI 1590, EI 1596, JIG 4, NATA Refueling and Quality Control Procedures for Airport Service and Support Operations, NIST Handbook 44, PEI RP-1300, PEI RP100, PEI RP200, PEI RP800, OSHA regulations in 29 CFR, FAA AC-150-5230, and/or EPA regulations in 112 (Oil Pollution Prevention) and 280 (Underground Tanks).

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NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 550-202x, Guide to the Fire Safety Concepts Tree (revision of ANSI/NFPA 550-2017)

This guide describes the structure, application, and limitations of the Fire Safety Concepts Tree.

Obtain an electronic copy from: www.nfpa.org/550Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/550Next

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 951-202x, Guide to Building and Utilizing Digital Information (revision of ANSI/NFPA 951-2016)

The intent of this document is to provide guidance in the development of an “integrated information management system” which facilitates information sharing. The resulting system shall be designed to support a communications pathway for all relevant components of the national preparedness and response framework. This document provides information for the development of consistent methods, processes, and tools to capture, utilize, and share data within scalable information systems. This framework supports and sets the stage for effective data exchange at all operational levels and components. As an example, time and location are identified as critical components. Specific format for time and location are established in the standard. The guide provides explanation to the AHJ as to why you need this specific format for time and location and how to use it within your operational environment. The intent of this guide is to provide a framework and environment consistent with NFPA Standard 950 which results in an integrated information management system for Computer Aided Dispatch (CAD), Record Management Systems (RMS), and other associated data systems in common use by fire departments.

Obtain an electronic copy from: www.nfpa.org/951Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/951Next

Comment Deadline: February 15, 2021

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 1123-202x, Code for Fireworks Display (revision of ANSI/NFPA 1123-2018)

This code shall apply to the following: (1) Construction, handling, and use of fireworks and equipment intended for outdoor fireworks display; (2) Operation of the display (See 3.3.16, Fireworks Display); This code shall not apply to the following: (1) Manufacture, transportation, or storage of fireworks at a manufacturing facility; (2) Testing of fireworks under the direction of their manufacturer, provided that permission for such testing has been obtained from the authority having jurisdiction (AHJ); (3) Use of consumer fireworks by the public; (4) Transportation, handling, or use of fireworks by the armed forces of the United States; (5) Transportation, handling, or use of industrial pyrotechnic devices or fireworks, such as railroad torpedoes; fuses; automotive, aeronautical, and marine flares; and smoke signals; (6) Use of pyrotechnic devices or materials in the performing arts at distances less than those specified in this code and used in conformance with NFPA 1126, Standard for the Use of Pyrotechnics Before a Proximate Audience; (7) Use of flame special effects in the performing arts when used in conformance with NFPA 160, Standard for the Use of Flame Effects Before an Audience; (8) Sale and use of rockets, rocket motors, motor reloading kits...

Obtain an electronic copy from: www.nfpa.org/1123Next

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NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 1124-202x, Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles (revision of ANSI/NFPA 1124-2017)

This code shall provide regulations for the construction, use, and maintenance of buildings and facilities for the following: (1) The manufacture and storage of fireworks, novelties, and pyrotechnic articles at manufacturing facilities; (2) The storage of display fireworks, pyrotechnic articles, salute powder, pyrotechnic and explosive compositions, and Black Powder at other than display sites; (3) The storage of consumer fireworks at display fireworks storage facilities; and (4) The transportation on public highways of fireworks, pyrotechnic articles, and components thereof containing pyrotechnic or explosive materials; This code shall not apply to the retail sales and related storage of consumer fireworks at the same site.

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NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 1125-202x, Code for the Manufacture of Model Rocket and High-Power Rocket Motors (revision of ANSI/NFPA 1125-2017)

This code shall apply to the manufacture of model and high-power rocket motors designed, sold, and used for the purpose of propelling recoverable aero models. For further information on propelling recoverable aero models, see NFPA 1122 and NFPA 1127. This code shall apply to the design, construction, and reliability of model and high-power rocket motors and model rocket and high-power motor-reloading kits and their components, and to the limitation of propellant mass and power. This code shall not apply to the sale and use of the following: (1) Model rocket motors (covered by NFPA 1122); and (2) High-power rocket motors (covered by NFPA 1127). This code shall not apply to the manufacture, transportation, and storage of fireworks. For further information on fireworks, see NFPA 1124. This code shall not apply to the manufacture, transportation, and storage of rocket motors by the United States military or other agencies or political subdivisions of the United States. This code shall not apply to the assembly of reloadable model or high-power rocket motors by the user. This code shall not apply to the fabrication of model rocket motors or high-power rocket motors...

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NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 p: (617) 984-7248 w: www.nfpa.org

Revision

BSR/NFPA 1150-202x, Standard on Foam Chemicals for Fires in Class A Fuels (revision of ANSI/NFPA 1150-2017)

This standard specifies requirements for Class A foam and the chemicals used to produce Class A foam that is used to control, suppress, or prevent fires in Class A fuels. Class A foam solutions are generally used at concentrations in the range of 0.1 percent to 1.0 percent, and testing over this range of concentrations is required by this standard. However, situations can occur when either lower- or higher-concentration solutions would be more effective. For example, Class A foam solutions lower than 0.1 percent concentration can, in some cases, be as effective as higher concentrations in wetting and penetrating into deep-seated fires. Also, concentrations higher than 1.0 percent can have benefits in some situations. See NFPA 1145, Guide for the Use of Class A Foams in Manual Structural Fire Fighting.

Obtain an electronic copy from: www.nfpa.org/1150Next

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

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

New Standard

BSR/NSF 456-202x (i1r1), Vaccine Storage (new standard)

Equipment covered by this Standard includes, but is not limited to, refrigerators, freezers, and combination units that are comprised of separate refrigerator and freezer sections.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/56991/456i1r1%20-%20New%20Standard%20-%20JC%20Memo%20%26%20Ballot.pdf

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

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 42-202x (i110r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2019)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce specific aesthetic-related (non-health effects) contaminants in public or private water supplies. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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

Comment Deadline: February 15, 2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 53-202x (i128r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2019)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking-water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking-water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled-water production facility, and includes the material and components used in these systems. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 55-202x (i52r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)

The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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NSF (NSF International)

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Revision

BSR/NSF 58-202x (i92r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2019)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of reverse osmosis drinking water treatment systems. This Standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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Comment Deadline: February 15, 2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 62-202x (i40r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2019)

This standard establishes minimum materials, design and construction, and performance requirements for point-of-use and point-of-entry drinking water distillation systems and the components used in these systems. Distillation systems covered by this standard are designed to reduce specific chemical contaminants from potable drinking water supplies. Systems covered under this standard may also be designed to reduce microbiological contaminants, including bacteria, viruses, and cysts, from potable drinking water supplies. It is recognized that a system may be effective in controlling one or more of these contaminants, but systems are not required to control all.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 244-202x (i12r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2019)

The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking water treatment systems, and the materials and components used in these systems.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 401-202x (i12r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce emerging compounds in public or private water supplies, such as pharmaceutical, personal care products (PPCPs) and endocrine disrupting compounds (EDCs).

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/57009/42i110r1%20et%20a%20-%20JC%20Memo%20&%20Ballot.pdf

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

Comment Deadline: February 15, 2021

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 130-2-202x, Digital Program Insertion-Advertising Systems Interfaces - Part 2: Core Data Elements (revision of ANSI/SCTE 130-2 2014)

This document, SCTE 130 Part 2, describes the Digital Program Insertion-Advertising Systems Interfaces' core messaging and data types using extensible markup language (XML), XML Namespaces, and XML Schema. Core messaging includes the extensible message schemas, the common SCTE 130 message attributes, and the required SCTE 130 messages. The core data types are XML attributes and XML elements that may be used in any SCTE 130 message element or within any SCTE 130 element definition.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with optional copy to psa@ansi.org) to: admin@standards.scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 130-3-202x, Digital Program Insertion-Advertising Systems Interfaces - Part 3: Ad Management Service (ADM) Interface (revision of ANSI/SCTE 130-3-2013)

This document in conjunction with the SCTE 130 Part 3 Extensible Markup Language (XML) schema document (i.e., the XSD document) defines the XML messages expressing placement opportunities, placement decisions, and placement-related event data typically exchanged between an Ad Management Service (ADM) and an Ad Decision Service (ADS). Additionally, this document and the accompanying schema document describe the auxiliary XML messages, elements, and attributes supporting the primary message exchanges.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

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TCIA (ASC A300) (Tree Care Industry Association)

670 N Commercial Street, STE 201, Manchester, NH 03101 p: (603) 314-5380 w: www.treecareindustry.org

Revision

BSR A300 Part 10-202x, Tree, Shrub, and Other Woody Plant Management - Standard Practices (Integrated Pest Management) (revision of ANSI A300 Part 10-2016)

A300 (Part 10) IPM are performance standards on how to implement IPM programs. IPM provides a sustainable approach to managing pests by combining biological, cultural, physical, and chemical tools in a way that minimizes health, environmental, and economic risks.

Single copy price: \$1.00

Obtain an electronic copy from: Public review draft can be found at www.tcia.org/A300Standards-CurrentProjects

Send comments (with optional copy to psa@ansi.org) to: Submit comments online at www.tcia.org/A300Standards-CurrentProjects

Comment Deadline: February 15, 2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4297 w: <https://ul.org/>

Revision

BSR/UL 817-202X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)

(1) Adding and revising requirements to address general-use extension cord sets employing wireless charging; (2) Adding and revising requirements to address rotating outlets; (3) Corrections to Table 14.2 with respect to plug configurations; (4) Braided cords for use in outdoor-use cord sets and power supply cords; (5) Correction to abrupt pull test criteria, new 12.5.1.2; and (6) Replacement of UL 60950-1 with UL 62368-1 in Revised 9.8.2.

Single copy price: Free

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

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

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

Comment Deadline: March 2, 2021

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

700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New Standard

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

INCITS 572-202x, Information technology - UAS-3 USB Attached SCSI-3 (UAS-3) (new standard)

USB Attached SCSI-3 is the next generation of USB Attached SCSI Standards. This standard should support the following features in support of the USB-2 and USB-3 specifications: (1) allow the device to switch data transfers from one command to another before the current command is complete; and (2) other capabilities that may fit within the scope of this project.

Single copy price: Free

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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.

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 p: (312) 587-4129 w: www.ada.org

New National Adoption

ANSI/ADA Standard No. 100, ISO 27020-2020, Orthodontic Brackets and Tubes (identical national adoption of ISO 27020:2019 and revision of ANSI/ADA 100, ISO 27020-2012 (R2018)) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 167-2020, Test Methods for Dental Unit Waterline Biofilm Treatment (national adoption of ISO 16954:2015 with modifications and revision of ANSI/ADA Standard No. 167:2019) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 191, ISO 9873-2020, Intra-Oral Mirrors (identical national adoption of ISO 9873:2017) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 192-2020, Dental Explorer (identical national adoption of ISO 7492:2019) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 38-2020, Compatibility Testing for Metal-Ceramic and Ceramic-Ceramic Systems (identical national adoption of ISO 9693:2019 and revision of ANSI/ADA Standard No. 38-2000 (R2015)) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 63-2020, Endodontic Instruments - Auxiliary (national adoption of ISO 3630-4:2009 with modifications and revision of ANSI/ADA Standard No. 63-2013) Final Action Date: 12/21/2020

New National Adoption

ANSI/ADA Standard No. 95-2020, Endodontic Instruments - Enlargers (national adoption of ISO 3630-2:2013 with modifications and revision of ANSI/ADA Standard No. 95-2013) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ADA Standard No. 135-2015 (R2020), Denture Adhesives (reaffirm a national adoption ANSI/ADA No. 135-2015) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ADA Standard No. 151-2015 (R2020), Screening Method for Erosion Potential of Oral Rinses on Dental Hard Tissue (reaffirm a national adoption ANSI/ADA Standard No. 151-2015) Final Action Date: 12/21/2020

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

ANSI/ASABE AD500-2:OCT2016 (R2020), Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 2: Narrow-track tractors, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE AD500-2:OCT2016) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ASABE AD4254-12-JUL2016 (R2020), Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (reaffirm a national adoption ANSI/ASABE AD4254-12-JUL2016) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ASABE AD26322-1:2008 NOV16 (R2020), Tractors for agriculture and forestry - Safety - Part 1: Standard tractors (reaffirm a national adoption ANSI/ASABE AD26322-1:2008 NOV16) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ASABE/ISO 23205:2016 (R2020), Agricultural tractors - Instructional seat (reaffirm a national adoption ANSI/ASABE/ISO 23205:2016) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ASABE/ISO 17101-1:2012 JUN2016 (R2020), Agricultural machinery - Thrown-object test and acceptance criteria - Part 1: Rotary mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-1:2012 JUN2016) Final Action Date: 12/21/2020

Reaffirmation

ANSI/ASABE/ISO 17101-2:2012 JUN2016 (R2020), Agricultural machinery - Thrown-object test and acceptance criteria - Part 2: Flail mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-2:2012 JUN2016) Final Action Date: 12/21/2020

ASME (American Society of Mechanical Engineers)

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

Revision

ANSI/ASME B30.17-2020, Cranes and Monorails (with Underhung Trolley or Bridge) (revision of ANSI/ASME B30.17-2015) Final Action Date: 12/21/2020

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

2025 M Street NW, Suite 800, Washington, DC 20036 p: (312) 321-6826 w: www.resna.org

Revision

ANSI/RESNA IF-1-2020, RESNA Standard for Inclusive Fitness - Volume 1: RESNA Standard for Inclusive Fitness Environments (revision of ANSI/RESNA IF-1-2018) Final Action Date: 12/21/2020

VC (ASC Z80) (The Vision Council)

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

Revision

ANSI Z80.1-2020, Ophthalmics - Prescription Ophthalmic Lenses - Recommendations (revision of ANSI Z80.1-2015) Final Action Date: 12/22/2020

Call for Members (ANS Consensus Bodies)

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

ASA (ASC S1) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 p: (516) 576-2341 w: www.acousticalsociety.org
Nancy Blair-DeLeon; standards@acousticalsociety.org

BSR/ASA S1.15, Part 1-202x/IEC 61094-1-2000, Electroacoustics - Measurement microphones - Part 1: Specifications for laboratory standard microphones (identical national adoption of IEC 61094-1:2000 and revision of ANSI/ASA S1.15-1997/Part 1 (R2020))

BSR/ASA S1.15, Part 2-202x/IEC 61094-2-202x, Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-2:2009)

BSR/ASA S1.15, Part 3-202x/IEC 61094-3-202x, Electroacoustics - Measurement microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-3:2016)

BSR/ASA S1.15, Part 4-202x/IEC 61094-4-1995, Measure microphones- Part 4: Specifications for working standard microphones (identical national adoption of IEC 61094-4:1995)

BSR/ASA S1.15, Part 5-202x/IEC 61094-5-2016, Electroacoustics - Measurement Microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison (identical national adoption of IEC 61094-5:2016)

BSR/ASA S1.15, Part 6-202x/IEC 61094-6-2004, Measurement microphones - Part 6: Electrostatic actuators for determination of frequency response (identical national adoption of IEC 61094-6:2004)

BSR/ASA S1.15, Part 7-202x/IEC TS 61094-7-2006, Measurement microphones - Part 7: Values for the difference between free field and pressure sensitivity levels of laboratory standard microphones (identical national adoption of IEC TS 61094-7:2006)

BSR/ASA S1.15, Part 8-202x/IEC 61094-8-2012, Measurement microphones - Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison (identical national adoption of IEC 61094-8:2012)

ASA (ASC S2) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 p: (516) 576-2341 w: www.acousticalsociety.org
Nancy Blair-DeLeon; standards@acousticalsociety.org

BSR/ASA S2.75-202x/Part 3, Shaft Alignment Methodology - Part 3: Alignment of Vertically Oriented Rotating Machinery (new standard)

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 932-7015 w: <https://www.asabe.org/>
Carla VanGilder; vangilder@asabe.org

BSR/ASABE S648-4.1-202x, Agricultural Field Equipment Braking - Part 4: Requirements for Towed Vehicles (revision and redesignation of ANSI/ASABE S648-4 MONYEAR-2020)

BSR/ASABE S648-5.1 MONYEAR-202x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5 MONYEAR-2020)

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 768-3475 w: www.assp.org
 Lauren Bauerschmidt; LBauerschmidt@assp.org

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

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org
 David Zimmerman; ansi.contact@csagroup.org

BSR/CSA NGV 6.1-202x, Compressed natural gas (CNG) fuel storage and delivery systems for road vehicles (revision of ANSI/CSA NGV 6.1-2018)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 60384-13-202x, Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors (identical national adoption of IEC 60384-13:2020 Edition 5.0)

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

700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org
 Barbara Bennett; comments@standards.incits.org

INCITS 572-202x, Information technology - UAS-3 USB Attached SCSI - 3 (UAS-3) (new standard)

NSF (NSF International)

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

BSR/NSF 2-202x (i38r2), Food Equipment (revision of ANSI/NSF 2-2019)

NSF (NSF International)

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

BSR/NSF 42-202x (i110r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2019)

BSR/NSF 53-202x (i128r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2019)

BSR/NSF 55-202x (i52r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)

BSR/NSF 58-202x (i92r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2019)

BSR/NSF 62-202x (i40r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2019)

BSR/NSF 244-202x (i12r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2019)

BSR/NSF 401-202x (i12r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

Call for Members (ANS Consensus Bodies)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Rachel Brooker; rbrooker@nsf.org

BSR/NSF 456-202x (i1r1), Vaccine Storage (new standard)

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI (www.aami.org) is actively seeking participation in the following standards development work and in the interest categories specified:

BSR/AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identical national adoption of ISO 5840-1:2020 and revision of ANSI/AAMI/ISO 5840-1-2015).

US adoption of AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements. Applicable to heart valve substitutes intended for implantation and provides general requirements. Subsequent parts of the ISO 5840 series provide specific requirements. Applicable to newly developed and modified heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (identical national adoption of ISO 5840-2:2020 and revision of ANSI/AAMI/ISO 5840-2-2015).

US adoption of AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes. Applicable to heart valve substitutes intended for implantation in human hearts, generally requiring cardiopulmonary bypass and generally with direct visualization. Applicable to both newly developed and modified surgical heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the surgical heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (national adoption of ISO 5840-3:2020 with modifications and revision of ANSI/AAMI/ISO 5840-3-2012).

US adoption of AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques. Applicable to all devices intended for implantation as a transcatheter heart valve substitute. Applicable to transcatheter heart valve substitutes and to the accessory devices, packaging and labelling required for their implantation and for determining the appropriate size of heart valve substitute to be implanted. Seeking industry, user, regulator and general interest participation.

BSR/AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (identical national adoption of ISO 25539-2:2020, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents, and revision of ANSI/AAMI/ISO 25539-2-2012).

US adoption of AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents. Specifies requirements for the evaluation of stent systems (vascular stents and delivery systems) and requirements with respect to nomenclature, design attributes and information supplied by the manufacturer, based upon current medical knowledge. Guidance for the development of in vitro test methods is included. Seeking industry, user, regulator and general interest participation.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

CSA America Standards Inc. (CSA)

Addenda to NGV 4.6:2020 - Manually operated valves for natural gas dispensing systems

CSA Group, an ANSI-accredited SDO, is launching a new project create and addenda to NGV 4.6:2020 - Manually operated valves for natural gas dispensing systems to correct a technical error in the 2020 edition. This CSA publication will be formally approved by a CSA Technical Committee and be an accredited publication of both the American National Standards Institute (ANSI) and Standards Council of Canada (SCC).

We are looking for interested stakeholders with the technical expertise who will actively participate and contribute to the development of this important publication through CSA Group's consensus-based development processes. The CSA working group members will work in collaboration to develop the content of the guidance document and to address alignment and harmonization as applicable with relevant North American and international standards.

What is expected?

- Strong interest and knowledge of the subject matter;
- Ability to work in a multi-stakeholder environment, following the principles of consensus;
- Active participation and willingness to work on the technical subcommittee via primarily virtual meeting with the potential of an in-person meeting; and
- Attendance at meetings over approximately 9 months.

If you are interested in participating as a new member of this CSA Technical Subcommittee, please submit a brief bio along with a statement outlining your interest and ability to contribute to the work to Mark Duda at mark.duda@csagroup.org. If you know of a colleague who may be interested in this project, feel free to distribute this document

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

CSA America Standards Inc. (CSA)

Fuel Cell Technical Committee

CSA Group, an ANSI-accredited SDO, is seeking additional experts to serve on the bi-national Fuel Cell Technical Committee. The Fuel Cell Technical Committee develops and maintains minimum safety standards and essential requirements for the design construction and maintenance of:

- a) stationary, portable, and micro fuel cells;
- b) hydrogen generation technologies using all fuels (e.g., electrolysis, coal, natural gas);
- c) related components and equipment for stationary, portable and micro fuel cells; and
- d) related components and equipment installed for hydrogen generation technologies using all fuels.

We are seeking interested stakeholders who will actively participate and contribute to the development and maintenance of these important standards through CSA's accredited Standards Development Process(es).

The Technical Committee is seeking members in the following categories:

User interest — those who predominantly represent consumer interests or end users of the subject product(s), material (s), or service(s), and who are not involved in any way in production or distribution of the subject product(s), material (s), or service(s).

Regulatory authority — those who are predominantly involved in regulating the use of the subject product(s), material (s), or service(s).

What is expected?

- Strong interest and knowledge of the subject matter
- Active participation and willingness to work on a Technical Committee electronically and in-person
- Ability to represent a stakeholder category outlined above
- Ability to work in a multi-stakeholder environment, following the principles of consensus

If you are interested in participating as a new member of the CSA Fuel Cell Technical Committee, please submit a brief bio along with a statement outlining your interest and ability to contribute to the work to Mark Duda at mark.duda@csagroup.org. If you know of a colleague who may be interested in this project, feel free to distribute this document

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) 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 link is 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.

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- **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 Contacts

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

ADA (Organization)

American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
p: (312) 587-4129
www.ada.org

API

American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
p: (202) 682-8190
www.api.org

ASA (ASC S1)

Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
p: (516) 576-2341
www.acousticalsociety.org

ASA (ASC S2)

Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
p: (516) 576-2341
www.acousticalsociety.org

ASABE

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

ASHRAE

American Society of Heating,
Refrigerating and Air-Conditioning
Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
p: (404) 636-8400
www.ashrae.org

ASME

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

ASSP (Safety)

American Society of Safety
Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
p: (847) 768-3475
www.assp.org

ASTM

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

AWI

Architectural Woodwork Institute
46179 Westlake Drive, Suite 120
Potomac Falls, VA 20165-5874
p: 229-389-2539
www.awinet.org

AWS

American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
p: (305) 443-9353 334
www.aws.org

CSA

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

ECIA

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

IAPMO (ASSE Chapter)

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

IAPMO (Z)

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

IEEE (ASC C63)

Institute of Electrical and Electronics
Engineers
445 Hoes Lane
Piscataway, NJ 08854
p: (732) 562-3874
www.ieee.org

ITI (INCITS)

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

NEMA (ASC C50)

National Electrical Manufacturers
Association
1300 N 17th St, Suite 900
Rosslyn, VA 22209
p: (703) 841-3264
www.nema.org

NFPA

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

NSF

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

RESNA

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

SCTE

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

SPRI

Single Ply Roofing Industry
465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
p: (781) 647-7026
www.spri.org

TCIA (ASC A300)

Tree Care Industry Association
670 N Commercial Street
STE 201
Manchester, NH 03101
p: (603) 314-5380
www.treecareindustry.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
p: (703) 907-7706
www.tiaonline.org

UL

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

VC (ASC Z80)

The Vision Council
225 Reinekers Lane
Alexandria, VA 22314
p: 585-387-9913
www.z80asc.com



ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

AIR QUALITY (TC 146)

ISO/DIS 23435, Air quality - Test methods for snow depth sensors - 3/12/2021, \$71.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 4580, Aerospace - Internal drive, TORX PARALOBE, driver bit - Geometrical definition, gaging and technical requirements - 3/12/2021, \$53.00

ISO/DIS 22893, Space systems - Software Product Assurance (SPA) - 3/12/2021, \$58.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 10079-1, Medical suction equipment - Part 1: Electrically powered suction equipment - 3/18/2021, FREE

ISO/DIS 10079-3, Medical suction equipment - Part 3: Suction equipment powered from a vacuum or positive pressure gas source - 3/18/2021, FREE

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

ISO/DIS 18319-2, Fibre reinforced polymer (FRP) reinforcement for concrete structures - Part 2: Specifications of CFRP strips - 3/11/2021, \$40.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 12696, Cathodic protection of steel in concrete - 11/5/2000, \$107.00

COSMETICS (TC 217)

ISO 24444/DAMd1, Cosmetics - Sun protection test methods - In vivo determination of the sun protection factor (SPF) - Amendment 1 - 3/14/2021, \$29.00

ISO/DIS 24442, Cosmetics - Sun protection test methods - In vivo determination of sunscreen UVA protection - 3/18/2021, FREE

ESSENTIAL OILS (TC 54)

ISO/DIS 5093, Essential oil of lemon myrtle (*Backhousia citriodora* F. Muell.), citral type - 3/8/2021, \$40.00

FLOOR COVERINGS (TC 219)

ISO/DIS 23999, Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat - 3/18/2021, \$62.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-2, Reciprocating internal combustion engines - Exhaust emission measurement - Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions - 3/13/2021, \$125.00

ISO/DIS 8528-10, Reciprocating internal combustion engine driven current generating sets - Part 10: Measurement of airborne noise by the enveloping surface method - 3/12/2021, \$125.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO/DIS 22916, Microfluidic devices - Interoperability requirements for dimensions, connections and initial device classification - 3/8/2021, \$67.00

MACHINE TOOLS (TC 39)

ISO/DIS 230-10, Test code for machine tools - Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools - 3/18/2021, FREE

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 9982, Belt drives - Pulleys and V-ribbed belts for industrial applications - PH, PJ, PK, PL and PM profiles: Dimensions - 3/11/2021, \$58.00

REFRACTORIES (TC 33)

ISO/DIS 8840, Refractory materials - Determination of bulk density of granular materials (grain density) - 3/19/2021, FREE

ROAD VEHICLES (TC 22)

ISO/DIS 7141, Road vehicles - Light alloy wheels - Lateral impact test - 3/12/2021, \$46.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 6801, Rubber and plastics hoses - Determination of volumetric expansion - 3/11/2021, \$33.00

SECURITY (TC 292)

ISO/DIS 28000, Security and resilience - Security management systems - Requirements for the supply chain - 3/19/2021, FREE

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 20804, Determination of the specific surface area of porous and particulate systems by small-angle X-ray scattering (SAXS) - 3/18/2021, \$82.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37168, Smart community infrastructures - Guidance on smart transportation by autonomous shuttle - 3/11/2021, \$62.00

ISO/DIS 37181, Smart community infrastructures - Smart transportation by autonomous vehicle on public roads - 3/12/2021, \$58.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 16055, Tobacco and tobacco products - Monitor test piece for smoking machine - Requirements and use - 3/12/2021, \$53.00

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

ISO/DIS 8536-15, Infusion equipment for medical use - Part 15: Light-protective infusion sets for single use - 3/18/2021, \$46.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 13111-2, Intelligent transport systems (ITS) - The use of personal ITS station to support ITS service provision for travelers - Part 2: General requirements for data exchange between ITS stations - 3/12/2021, \$134.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 5173, Destructive tests on welds in metallic materials - Bend tests - 11/5/2010, \$77.00

ISO/DIS 25901-2, Welding and allied processes - Vocabulary - Part 2: Health and safety - 3/14/2021, \$107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23090-8/DAMd1, Information technology - Coded representation of immersive media - Part 8: Network based media processing - Amendment 1: NBMP function templates - 3/14/2021, \$125.00

ISO/IEC DIS 29140, Information technology for learning, education and training - Nomadcity and mobile technologies - 3/11/2021, \$125.00

IEC Standards

3/1471/NP, PNW TS 3-1471 ED1: Representation of communication in power utility automation, 03/19/2021

22G/429(F)/CDV, IEC 61800-5-1 ED3: Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy, 02/12/2021

22H/266/Q, Amendment 2 of IEC 62040-1 Ed.2: Drop test only for equipment that is to be moved as part of its intended use, 02/05/2021

34A/2230/CD, IEC 63286 ED1: Flexible Organic Light Emitting Diode (OLED) panels for general lighting - Performance requirements, 03/19/2021

40/2812/CD, IEC TR 63362-1 ED1: Application of fixed capacitors in electronic equipment - Part 1: Aluminium electrolytic capacitors, 03/19/2021

44/884(F)/CDV, IEC 60204-1/AMD1 ED6: Amendment 1 - Safety of machinery - Electrical equipment of machines - Part 1: General requirements, 02/19/2021

45A/1362/CDV, IEC/IEEE 62582-4 ED2: Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 4: Oxidation induction techniques, 03/19/2021

48B/2863/FDIS, IEC 63171 ED1: Connectors for electrical and electronic equipment - Shielded or unshielded free and fixed connectors for balanced single-pair data transmission with current-carrying capacity - General requirements and tests, 02/05/2021

51/1362/CD, IEC 63182-3 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 3: E-cores, 03/19/2021

59/753/FDIS, IEC 60704-1 ED4: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements, 02/05/2021

65B/1187/CDV, IEC 60751 ED3: Industrial platinum resistance thermometers and platinum temperature sensors, 03/19/2021

85/738/CDV, IEC 61557-17 ED1: Electrical safety in low voltage distribution systems up to 1000V AC and 1500V DC-equipment for testing; Measuring and monitoring of protective measures - Part 17: Non contact voltage indicators, 03/19/2021

86B/4405/FDIS, IEC 61300-2-10 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush and load resistance, 02/05/2021



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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>).

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 24220:2020, Pao cai (salted fermented vegetables) - Specification and test methods, \$45.00

BUILDING CONSTRUCTION (TC 59)

ISO 10845-1:2020, Construction procurement - Part 1: Processes, methods and procedures, \$232.00

ISO 10845-2:2020, Construction procurement - Part 2: Formatting and compilation of procurement documentation, \$185.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 21573-2:2020, Building construction machinery and equipment - Concrete pumps - Part 2: Procedure for examination of technical parameters, \$185.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14009:2020, Environmental management systems - Guidelines for incorporating material circulation in design and development, \$185.00

FISHERIES AND AQUACULTURE (TC 234)

ISO 22948:2020, Carbon footprint for seafood - Product category rules (CFP-PCR) for finfish, \$162.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO 21502:2020, Project, programme and portfolio management - Guidance on project management, \$209.00

SIZING SYSTEMS AND DESIGNATIONS FOR CLOTHES (TC 133)

ISO 20947-2:2020, Performance evaluation protocol for digital fitting systems - Part 2: Virtual garment, \$162.00

STEEL (TC 17)

ISO 23825:2020, Method for evaluating the nodularity of spheroidal carbides - Steels for cold heading and cold extruding, \$138.00

ISO 14404-4:2020, Calculation method of carbon dioxide emission intensity from iron and steel production - Part 4: Guidance for using the ISO 14404 series, \$185.00

ISO Technical Specifications

SOLID BIOFUELS (TC 238)

ISO/TS 20049-2:2020, Solid biofuels - Determination of self-heating of pelletized biofuels - Part 2: Basket heating tests, \$138.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646:2020, Information technology - Universal coded character set (UCS), \$232.00

ISO/IEC 14651:2020, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering, \$209.00

ISO/IEC 23531:2020, Systems and software engineering - Capabilities of issue management tools, \$185.00

ISO/IEC 9594-11:2020, Information technology - Open systems interconnection directory - Part 11: Protocol specifications for secure operations, FREE

ISO/IEC TS 27100:2020, Information technology - Cybersecurity - Overview and concepts, \$103.00

ISO/IEC/IEEE DIS 8802-22/Amd1:2017, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands - Amendment 1: Management and control plane interfaces and procedures and enhancement to the management information base (MIB), \$281.00

ISO/IEC/IEEE DIS 8802-22/Amd2:2017, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands - Amendment 2: Enhancement for broadband services and monitoring applications, \$215.00

- 86C/1708/FDIS, IEC 61280-2-8 ED2: Fibre optic communication subsystem test procedures - Part 2-8: Digital systems - Determination of low BER using Q-factor measurements, 02/05/2021
- 100/3551/CD, IEC 62394 ED4: Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET, 02/19/2021
- 100/3509(F)/CDV, IEC 63246-3 ED1: Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 3: Framework (TA 17), 03/05/2021
- 110/1282/CD, IEC 62906-5-5 ED1: Laser displays - Part 5-5: Optical measuring methods of raster-scanning retina direct projection laser displays, 02/19/2021
- 110/1283/CD, IEC TR 62908-1-3 ED1: Touch and interactive displays - Part 1-3: General introduction of pen touch technology, 02/19/2021
- 116/485(F)/FDIS, IEC 62841-3-1/AMD1 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws, 01/22/2021
- CIS/A/1333/CD, CISPR 16-1-4 ED5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 03/19/2021
- JTC1-SC25/2990/CDV, ISO/IEC 10192-4-1 ED1: Information technology - Home Electronic System (HES) Interfaces - Part 4-1: Common user interface and cluster-to-cluster interface to support interworking among home cluster systems - Architecture., 03/19/2021
- JTC1-SC41/198/CD, Internet of Things (IoT) - Integration of IoT and DLT/Blockchain: Use Cases, 02/19/2021

International Organization for Standardization (ISO)

Call for Comment on ISO Standard

ISO 26000 - Guidance on Social Responsibility Activity

Comment Deadline: January 29, 2021

ISO standard ISO 26000, Guidance on social responsibility, has been circulated to ISO members for its systematic review to determine whether the standard should be revised, reconfirmed, or withdrawn.

ISO 26000, last confirmed in November 2010, is intended to help organizations effectively assess and address social responsibilities that are relevant and significant to their mission and vision; operations and processes; customers, employees, communities, and other stakeholders; and environmental impact. ISO 26000 provides detailed guidance for organizations that are willing to implement the OECD Guidelines but is not meant for ISO certification.

ANSI is seeking U.S. Stakeholders' input on ISO 26000 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000 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, January 29, 2021.

Call for International (ISO) Secretariat

ISO/TC 4/SC 11 - Linear Motion Rolling Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 11 – Linear motion rolling bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 11 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 11 operates in the area of Linear motion rolling bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e. plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 11. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 11 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 4/SC 6 - Insert Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 6 – Insert bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 6 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 6 operates in the area of Insert bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e., plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 6. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 6 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 4/SC 9 - Tapered Roller Bearings

Reply Deadline: January 8, 2021

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 4/SC 9 – Tapered roller bearings. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 4/SC 9 to the American Bearing Manufacturers Association (ABMA). ABMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 4/SC 9 operates in the area of Tapered roller bearings under the scope of ISO/TC 4 – Rolling bearings:

Standardization of all types and all sizes of bearing elements based on the principle of rolling motion, including the lubrication, their accessories, application and identification and standardization of spherical plain bearings, i.e. plain bearings with spherical contact surface.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 4/SC 9. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 4/SC 9 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 8, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

Establishment of ISO Technical Committee

ISO/TC 331 - Biodiversity

Comment Deadline: January 6, 2021

A new ISO Technical Committee, ISO/TC 331 – Biodiversity, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/TC 331 operates under the following scope:

Standardization in the field of Biodiversity to develop requirements, principles, framework, guidance and supporting tools in a holistic and global approach for all relevant organizations, to enhance their contribution to Sustainable Development.

Excluded: standardization of test and measurement methods for ecological quality of water, air, soil and marine environment.

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

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Guidelines for Organizations to Increase Understanding of Online Terms and Conditions

Comment Deadline: January 22, 2021

ISO COPOLCO (the ISO policy development committee on consumer policy) in cooperation with BSI (the ISO member from the United Kingdom) has submitted to ISO a proposal for a new work item proposal for the development of an ISO standard on guidelines for organizations to increase consumer understanding of online terms and conditions, with the following scope statement:

Specification of guidance to the providers of goods, services and digital content on the clear design and presentation of online terms and conditions to maximize consumer understanding and reduce detriment.

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, January 22, 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

DISH Wireless

Comments Deadline: February 12, 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.

Y14.45

Measurement Data Reporting

ENGINEERING PRODUCT DEFINITION AND RELATED DOCUMENTATION PRACTICES

DRAFT

TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or Quotation
ASME Standards Certification

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
Two Park Avenue
New York, New York 10016-5990

Y14.45 DRAFT 7 DEC 2020

3.11 LOCATION-CONSTRAINED MEASURED MATING ENVELOPE

location-constrained measured mating envelope: a similar perfect feature(s) counterpart expanded within an internal feature(s) or contracted about an external feature(s), [until it coincides with the measured surface\(s\) at the highest points](#), while constrained in location to the applicable datum reference frame or reporting coordinate system and subject to measurement uncertainty. This envelope is on or outside the material.

3.12 LOCATION-CONSTRAINED MEASURED MINIMUM MATERIAL ENVELOPE

location-constrained measured minimum material envelope: a similar perfect feature(s) counterpart expanded within an external feature(s) or contracted about an internal feature(s), [until it coincides with the measured surface\(s\) at the lowest points](#), while constrained in location to the applicable datum reference frame or reporting coordinate system and subject to measurement uncertainty. This envelope is on or within the material.

3.13 MATHEMATICALLY FITTED REFERENCE FRAME

~~*mathematically fitted reference frame:* a coordinate reference frame, usually a right-hand rectangular coordinate system, that is constrained relative to measurement data by a mathematical fitting process, observing simultaneous requirements when applicable. A mathematically fitted reference frame is also generally a reporting coordinate system.~~

~~NOTE: This type of coordinate system is used for cases such as an unconstrained profile of a surface, when no datum features are specified. For these cases, a mathematically fitted reference frame may be established and data can be reported relative to it.~~

3.289 ORIENTATION-CONSTRAINED MEASURED MATING ENVELOPE

orientation-constrained measured mating envelope: a similar perfect feature(s) counterpart expanded within an internal feature(s) or contracted about an external feature(s), [until it coincides with the measured surface\(s\) at the highest points](#), while constrained in orientation to the applicable datum reference frame or reporting coordinate system and subject to measurement uncertainty. This envelope is on or outside the material.

3.2930 ORIENTATION-CONSTRAINED MEASURED MINIMUM MATERIAL ENVELOPE

orientation-constrained measured minimum material envelope: a similar perfect feature(s) counterpart expanded within an external feature(s) or contracted about an internal feature(s), [until it coincides with the measured surface\(s\) at the lowest points](#), while constrained in orientation to the applicable datum reference frame or reporting coordinate system and subject to measurement uncertainty. This envelope is on or within the material.

3.34 RESOLVED GEOMETRY METHOD

[resolved geometry method:](#) a method of determining conformance where the resolved geometry is compared to the tolerance zone.

NOTE: ASME Y14.5 uses the less inclusive term "axis method" instead of resolved geometry method.

3.36 SURFACE METHOD

[surface method:](#) a method of determining conformance where the surface is compared to the virtual condition.

Y14.45 DRAFT 7 DEC 2020

5.1 GENERAL

This Section establishes requirements for method B data reporting for size tolerances. [A size specification for a regular feature of size defines two requirements: the MMC size limit and LMC size limit.](#) Method B reporting for size tolerances shall include two reported values to address both limits of size.

5.5 SIZE WHEN PERFECT FORM IS NOT REQUIRED AT EITHER MMC OR LMC

When the requirement for perfect form at MMC or LMC does not apply, [a size specification for a regular feature of size defines two requirements. \(a\) the LMC size limit and \(b\) the MMC size limit as follows:](#)~~a size specification for a regular feature of size defines only the requirement that the actual local sizes of the feature shall be within the specified limits of size. To address this requirement, method B data shall include two method B reported values with each separately identified:~~

- (a) ~~The actual local sizes of the feature shall not violate the LMC limit of size~~
~~smallest measured local size value.~~
- (b) ~~The actual local sizes of the feature shall not violate the MMC limit of size~~
~~largest measured local size value.~~

[To address these requirements, method B data shall include two measured values as defined in paras. 5.3.2 and 5.4.2, with each value separately identified in the report.](#) See Figures 5-5 and 5-6.

9.2.2 Method C Surface Deviations for Profile of a Line Tolerances

Method C surface deviations for profile of a line tolerances are gathered for each measured cross section of the measured feature. The surface deviation values are used to determine the measured profile value for each cross section, based on the high or low extreme surface deviation value that will yield the largest measured profile value. These surface deviation values will be closest to a tolerance zone boundary for a conforming cross section or farthest from a tolerance zone boundary for a nonconforming cross section. [When more material than true profile exists at a measured location the surface deviation is a positive value.](#) [When less material than true profile exists at a measured location the surface deviation is a negative value.](#)

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

NSF/ANSI Standard for Food Equipment

Food Equipment

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6 Performance

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6.2 Wood cutting boards and bakers tables

6.2.1 Shear test

6.2.1.1 Performance requirement

Wood test samples shall be of sufficient strength to resist shearing.

6.2.1.2 Test method

Three 2.0 × 2.0 × 1.0 in (50 × 50 × 25 mm) wood test samples shall be stored in a controlled environment of 73 ± 3 °F (23 ± 2 °C) and a relative humidity 50% ± 5% for a minimum of 24 h. The sample shall be notched according to Figure 22 to facilitate shearing. After conditioning, each wood test sample shall be placed in a load frame, as shown in Figure 23, with a load cell with a rating of at least 5000 lb (22.2 kN) ~~load cell~~. The shearing shall be performed against a 2.0 × 1.0 in (50 × 25 mm) side of the sample, opposite the notch, along a glue joint in a direction parallel to the direction of the wood grain. The speed of the load frame shall be ¼ in/min (0.25 in/min, 6.4 mm/min). After shearing each test sample, the shear strength shall be calculated using the following formula:

$$\text{Shear strength PSI (MPa)} = \frac{\text{force required for shear N} \times 10^6 \text{ (lbf)}}{\text{area of shear plane, in}^2 \text{ (mm}^2\text{)}}$$

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6.2.1.3 Acceptance criteria

The minimum shear strength of each specimen shall be 1800 psi (12.4 MPa).

6.2.2 Hardness test

6.2.2.1 Performance requirement

Wood test samples shall be of sufficient hardness to resist indentation or penetration.

6.2.2.2 Test method

Three 2.0 × 2.0 × 1.0 in (50 × 50 × 25 mm) wood test samples shall be stored in a controlled environment of 73 ± 3 °F (23 ± 2 °C) and a relative humidity 50% ± 5% for a minimum of 24 h. After conditioning, each wood test sample shall be placed in a load frame with an 11 mm diameter steel ball on top of the sample. A load cell with a rating of at least 1500 lb (6.7 kN) ~~load cell~~ shall be used to apply force to the steel ball and sample at a rate of 1/4 in/min (0.25 in/min, 6.4 mm/min) until 1200 lb (5.3 kN) is obtained. The applied force shall then be repeated for each test sample in each of the following locations:

- two points on a tangential surface;
- two points on a radial surface; and
- both ends on each sample.

6.2.2.3 Acceptance criteria

The depth of penetration at each site shall not exceed half the diameter of the steel ball at 1200 lb (5.3 kN) of force.

***Rationale:** A 1500lb load cell is not available. The standard requirement is based on the amount of force that used. So, for example, a 5000lb load cell can be used for both the sheer and the hardness test – the load cell would be set up to apply 1200lb for the hardness test and up to 5000lb for the sheer test.*

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by 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 Wastewater Technology –

Disinfection Mechanics

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1 General

1.1 Purpose

The purpose of this Standard is to establish minimum performance requirements for disinfection devices used in treating, recycling, reusing, or disposal of wastewater from residential treatment systems. This Standard is intended to protect public health and the environment as well as to minimize nuisance factors.

1.2 Scope

This Standard is intended for use with devices intended to disinfect wastewater after secondary treatment and prior to discharge from residential wastewater treatment systems having rated treatment capacities between 757 L/d (200 gal/d) and 5,678 L/d (1,500 gal/d). This Standard also applies to devices intended to be used in water reclamation and reuse. Specific requirements exist for construction and testing of individual disinfection devices based on the technology used by the device. All devices are required to be tested against the influent challenge water as specified in Section 1.4 and to meet the minimum effluent quality requirements in accordance with Section 1.5. Devices shall be tested against the effluent requirements of this Standard unless the manufacturer requests certification under an effluent standard in NSF/ANSI 350, which is more stringent than this Standard.

1.3 Alternative materials, design, and construction

When specific materials, design, and construction are stipulated in this Standard, devices that incorporate alternate materials, designs, or constructions are acceptable when it is verified that such systems meet the applicable requirements. All such alternative material and methods and all stipulated materials and methods shall be subject to a life test or chemical resistance test as specified in this Standard for the particular technology.

1.4 Influent water characteristics

Test data collected on days when the influent water pH and temperature are out of compliance with this Section shall be excluded from the results. Any results from days where CBOD₅, TSS, fecal coliform, *Escherichia coli*, or ammonia influent concentration is less than shown in the table below, shall be excluded. Any results from days where UV transmittance is greater than 75% shall be excluded. The certifier shall report results obtained when other influent concentrations exceed the maximum values in the table below for the influent water. Influent water for the biological deactivation testing shall be secondary treated residential wastewater meeting the criteria as shown in Table 1.1

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At the manufacturer's discretion, any data collected on days when the influent CBOD₅, TSS, fecal coliform, *E. coli*, or ammonia concentrations exceed the maximum limits set in Table 1.4, may be replaced with data collected from additional sample days for the purpose of determining pass or fail. At the manufacturer's discretion, any data collected on days when the influent UV transmittance is less than 50%, may be replaced with data collected from additional sample days for the purpose of determining pass or fail.

Table 1.1
Influent characteristics

CBOD ₅	≥ 10 and ≤ 25 mg/L
TSS	≥ 10 and ≤ 30 mg/L
<i>E. coli</i>	10 ² to 10 ⁶ cfu/100 mL
fecal coliform	10 ⁴ to 10 ⁸ organisms per 100 mL
pH	6.0 to 9.0
temperature	6 °C to 30 °C (42 °F to 86 °F)
ammonia	≥ 2.0 and ≤ 4.0 6.0 mg/L
UV transmittance of influent	50 to 75 % per cm

Rationale: Harmonizes Standard 385 with the influent table in Standard 46. E. Coli and fecal coliform numbers will be reviewed and potentially revised in a separate ballot

UV transmittance values in Table 1.1 are for traditional aerobic treatment units. Influent parameters in Table 1.1 shall be measured every time an effluent sample is collected, and corresponding values reported. Ammonia need not be tested for UV technologies and UV transmittance of influent need not be tested for any technology except UV. If the manufacturer is testing for only *E. coli* or fecal coliform as allowed in Section 1.5, then the influent *E. coli* or fecal coliform not required in the effluent monitoring need not be collected.

Temperature, pH, influent fecal coliform, and *E. coli* shall be based on grab samples collected. Influent water characteristics for all other parameters shall be based on 24-h composite samples collected. During maximum and, if required, minimum flow testing, the influent samples shall be collected during the time while dosing is active.

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Proposed Substantive Revision

Standard Field Test Procedure for Verifying the Suitability of Roof Substrates and Adhesives

(previous title: Standard Field Test Procedure for Determining the Uplift Resistance of Insulation and Insulation Adhesives over Various Substrates)

- 4.8 The assembly shall be allowed to cure at least the minimum time specified by the insulation adhesive manufacturer and a maximum of 28 days before the pull test is conducted.



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The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
01	12/15/2020	12/21/2020	Jan 1	1/31/2021	2/15/2021	3/2/2021
02	12/22/2020	12/28/2020	Jan 8	2/7/2021	2/22/2021	3/9/2021
03	12/29/2020	1/4/2021	Jan 15	2/14/2021	3/1/2021	3/16/2021
04	1/5/2021	1/11/2021	Jan 22	2/21/2021	3/8/2021	3/23/2021
05	1/12/2021	1/18/2021	Jan 29	2/28/2021	3/15/2021	3/30/2021
06	1/19/2021	1/25/2021	Feb 5	3/7/2021	3/22/2021	4/6/2021
07	1/26/2021	2/1/2021	Feb 12	3/14/2021	3/29/2021	4/13/2021
08	2/2/2021	2/8/2021	Feb 19	3/21/2021	4/5/2021	4/20/2021
09	2/9/2021	2/15/2021	Feb 26	3/28/2021	4/12/2021	4/27/2021
10	2/16/2021	2/22/2021	Mar 5	4/4/2021	4/19/2021	5/4/2021
11	2/23/2021	3/1/2021	Mar 12	4/11/2021	4/26/2021	5/11/2021
12	3/2/2021	3/8/2021	Mar 19	4/18/2021	5/3/2021	5/18/2021
13	3/9/2021	3/15/2021	Mar 26	4/25/2021	5/10/2021	5/25/2021
14	3/16/2021	3/22/2021	Apr 2	5/2/2021	5/17/2021	6/1/2021
15	3/23/2021	3/29/2021	Apr 9	5/9/2021	5/24/2021	6/8/2021
16	3/30/2021	4/5/2021	Apr 16	5/16/2021	5/31/2021	6/15/2021
17	4/6/2021	4/12/2021	Apr 23	5/23/2021	6/7/2021	6/22/2021
18	4/13/2021	4/19/2021	Apr 30	5/30/2021	6/14/2021	6/29/2021
19	4/20/2021	4/26/2021	May 7	6/6/2021	6/21/2021	7/6/2021
20	4/27/2021	5/3/2021	May 14	6/13/2021	6/28/2021	7/13/2021
21	5/4/2021	5/10/2021	May 21	6/20/2021	7/5/2021	7/20/2021
22	5/11/2021	5/17/2021	May 28	6/27/2021	7/12/2021	7/27/2021
23	5/18/2021	5/24/2021	Jun 4	7/4/2021	7/19/2021	8/3/2021
24	5/25/2021	5/31/2021	Jun 11	7/11/2021	7/26/2021	8/10/2021
25	6/1/2021	6/7/2021	Jun 18	7/18/2021	8/2/2021	8/17/2021
26	6/8/2021	6/14/2021	Jun 25	7/25/2021	8/9/2021	8/24/2021
27	6/15/2021	6/21/2021	Jul 2	8/1/2021	8/16/2021	8/31/2021
28	6/22/2021	6/28/2021	Jul 9	8/8/2021	8/23/2021	9/7/2021
29	6/29/2021	7/5/2021	Jul 16	8/15/2021	8/30/2021	9/14/2021



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32	7/20/2021	7/26/2021	Aug 6	9/5/2021	9/20/2021	10/5/2021
33	7/27/2021	8/2/2021	Aug 13	9/12/2021	9/27/2021	10/12/2021
34	8/3/2021	8/9/2021	Aug 20	9/19/2021	10/4/2021	10/19/2021
35	8/10/2021	8/16/2021	Aug 27	9/26/2021	10/11/2021	10/26/2021
36	8/17/2021	8/23/2021	Sep 3	10/3/2021	10/18/2021	11/2/2021
37	8/24/2021	8/30/2021	Sep 10	10/10/2021	10/25/2021	11/9/2021
38	8/31/2021	9/6/2021	Sep 17	10/17/2021	11/1/2021	11/16/2021
39	9/7/2021	9/13/2021	Sep 24	10/24/2021	11/8/2021	11/23/2021
40	9/14/2021	9/20/2021	Oct 1	10/31/2021	11/15/2021	11/30/2021
41	9/21/2021	9/27/2021	Oct 8	11/7/2021	11/22/2021	12/7/2021
42	9/28/2021	10/4/2021	Oct 15	11/14/2021	11/29/2021	12/14/2021
43	10/5/2021	10/11/2021	Oct 22	11/21/2021	12/6/2021	12/21/2021
44	10/12/2021	10/18/2021	Oct 29	11/28/2021	12/13/2021	12/28/2021
45	10/19/2021	10/25/2021	Nov 5	12/5/2021	12/20/2021	1/4/2022
46	10/26/2021	11/1/2021	Nov 12	12/12/2021	12/27/2021	1/11/2022
47	11/2/2021	11/8/2021	Nov 19	12/19/2021	1/3/2022	1/18/2022
48	11/9/2021	11/15/2021	Nov 26	12/26/2021	1/10/2022	1/25/2022
49	11/16/2021	11/22/2021	Dec 3	1/2/2022	1/17/2022	2/1/2022
50	11/23/2021	11/29/2021	Dec 10	1/9/2022	1/24/2022	2/8/2022
51	11/30/2021	12/6/2021	Dec 17	1/16/2022	1/31/2022	2/15/2022
52	12/7/2021	12/13/2021	Dec 24	1/23/2022	2/7/2022	2/22/2022
53	12/14/2021	12/20/2021	Dec 31	1/30/2022	2/14/2022	3/1/2022