



Technical Standards Program

ESTA Standards Watch

December 2022

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One ESTA standard in public review

One draft ESTA standard is available for public review and comment on the ESTA website at <http://estalink.us/pr>. Its review ends on December 25; comments must be submitted before the end of that day.

BSR E1.71, Powered Curtain Machines, establishes requirements for the design, manufacture, installation, inspection, and maintenance of machines intended for the movement of curtains. Curtains operated by these machines may be for scenery, performance, presentation, acoustical damping, museum exhibits, retail displays, and theatrical production. It includes the control systems, mechanical construction, and powertrain components of said machines. It also includes the track components that interact with the operating media, but does not include the curtain fabric construction, track, and load suspension system. It does not include curtain effect machines that require manually resetting or repositioning the curtain before the system may be used again. Comments are due no later than 25 December 2022. The listing will disappear on Boxing Day—and that's the end. No comments will be accepted late.

One issue of Standards Watch this month

December will have one issue of *Standards Watch* instead of the usual two. Enjoy your holiday, whether that is Christmas, Festivus, Hannukah, Kwanzaa, Saphala Ekadashi, Yule, or some other celebration.

WTO Technical Barrier to Trade notifications

The World Trade Organization has announced Technical Barrier to Trade filings that may be of interest to *Standards Watch* readers. If you have a problem with a TBT, you can protest through your representative to the World Trade Organization. The sort order is by comment due-date.

European Union Notification EU/940

Date issued: 15 December 2022

Agency responsible: EU-TBT Enquiry Point

National inquiry point: EU-TBT Enquiry Point

Products covered: Electrical and electronic equipment

Title: Draft Commission Delegated Directive amending, for the purposes of adapting to scientific and technical progress, Annex IV to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for mercury in melt pressure transducers for capillary rheometers under certain conditions; (6 pages and 2 pages in English)

Description of content: This draft Commission Delegated Directive concerns applications for a specific and temporary exemption from the RoHS 2 (Directive 2011/65/EU) substance restrictions. The criteria for a new exemption are met and it is proposed to grant an exemption in Annex IV of that Directive.

Objective and rationale: Adaptation of the Annexes to scientific and technical progress in order to allow innovation without compromising the objectives in Article 1 of the Directive 2011/65/EU; Protection of human health or safety; Protection of the environment

Relevant documents: A scientific background study evaluating the specific exemption is available at <https://op.europa.eu/en/publication-detail/-/publication/3bc5a902-1f69-11ed-8fa0-01aa75ed71a1/language-en/format-PDF/source-265633428>

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment: <http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1438768100804&uri=CELEX:32011L0065>

Proposed date of adoption: 1 March 2023

Proposed date of entry into force: Not given by country

Final date for comments: 13 February 2023

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU940\[1\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU940[1](english).pdf) and [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU940\[2\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU940[2](english).pdf)

United States of America Notification USA/1952

Date issued: 9 December 2022

Agency responsible: Federal Aviation Administration (FAA)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Aviation system safety assessment

Title: System Safety Assessments (31 pages in English)

Description of content: Notice of proposed rulemaking - The FAA proposes to amend certain airworthiness regulations to standardize the criteria for conducting safety assessments for systems, including flight controls and powerplants, installed on transport category airplanes. With this action, the FAA seeks to reduce risk associated with airplane accidents and incidents that have occurred in service, and reduce risk associated with new technology in flight control systems. The intended effect of this proposed action is to improve aviation safety by making system safety assessment (SSA) certification requirements more comprehensive and consistent.

Objective and rationale: Protection of human health or safety

Relevant documents: 87 Federal Register (FR) 75424, 8 December 2022; Title 14 Code of Federal Regulations (CFR) Part 25: <https://www.govinfo.gov/content/pkg/FR-2022-12-08/pdf/2022-26369.pdf>

This notice of proposed rulemaking is identified by Docket Number FAA-2022-1544. The Docket Folder is available from Regulations.gov at <https://www.regulations.gov/docket/FAA-2022-1544/document> and provides access to primary and supporting documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point by or before 4pm Eastern Time on 8 March 2023. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 8 March 2023

Full text: <https://www.govinfo.gov/content/pkg/FR-2022-12-08/pdf/2022-26369.pdf>

ANSI public review announcements

The following documents have been announced for public review by ANSI and may be of material interest to *Standards Watch* readers. If you have comments on them, please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 16 January 2023

BSR/AHRI Standard 850-2013 (R202x) (I-P), Performance Rating of Commercial and Industrial Air Filter Equipment (reaffirmation of ANSI/AHRI Standard 850 (I-P)-2013,)

This standard applies to factory-made air filter equipment and air filter media as used in such equipment, for removing particulate matter, when used in environmental conditioning of inhabited spaces in commercial and industrial facilities.

Single copy price: Free

Obtain an electronic copy at <https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview>

Send comments to AHRI_Standards@ahrinet.org

BSR/AHRI Standard 851-2013 (R202x) (SI), Performance Rating of Commercial and Industrial Air Filter Equipment (reaffirmation of ANSI/AHRI Standard 851 (SI)-2013)

This standard applies to factory-made air filter equipment and air filter media as used in such equipment, for removing particulate matter, when used in environmental conditioning of inhabited spaces in commercial and industrial facilities.

Obtain an electronic copy at <https://connect.ahrinet.org/standards-public-review/stdsunderpublicreview>

Send comments to AHRI_Standards@ahrinet.org

BSR Z535.7-202x, Product Safety Information in Electronic Media (new standard)

This standard sets forth requirements for the use of ANSI Z535 formatting elements in the design of visual product safety messages presented in electronic media to the extent that these elements are used in these media.

Single copy price: Free

Order from and send comments to Paul.Crampton@nema.org

BSR/UL 1778-202x, Standard for Safety for Uninterruptible Power Systems (revision of ANSI/UL 1778-2017)

Adds reference to UL 1973 for battery requirements.

Single copy price: Free

Access and offer comments at <https://csds.ul.com/Home/ProposalsDefault.aspx>

Due 30 January 2023

BSR/ASHRAE/ICC/IES/USGBC Addendum ag to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

This addendum updates LPDs based on a comprehensive review of all inputs to more closely match the IES recommended practices for task and circulation illuminance values. This proposal also updates the additional lighting power allowances to reflect ornamental, and display lighting efficacies. Additionally, the credit for institutional tuning (now called high-end trim tuning) is removed as the credit for this control strategy is used for claiming the additional efficiency points in Section 11 of ASHRAE 90.1 and it would be less confusing to have this credit in one place and not two.

Single copy price: \$35.00

Access and offer comments at <https://www.ashrae.org/technical-resources/standards-andguidelines/public-review-drafts>

BSR/ASHRAE/ICC/IES/USGBC Addendum ai to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

This addendum modifies Section 7 of ASHRAE 189.1, the energy efficiency section, which is in addition to or supersedes the requirements in ASHRAE 90.1. This proposal updates ASHRAE 189.1 to account for the changes to ASHRAE 90.1-2022 which will have a new additional efficiency energy credit section (addendum ap). This proposal is an add-on to the prescriptive path.

Single copy price: \$35.00

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

Send comments to <https://www.ashrae.org/technical-resources/standards-andguidelines/public-review-drafts>

BSR/CSA Z741-2012 (R202x), Geological storage of carbon dioxide (reaffirmation of ANSI/CSA Z741-2012 (R2018))

a) establishes requirements and recommendations for the geological storage of carbon dioxide. The purpose of these requirements is to promote environmentally safe and long-term containment of carbon dioxide in a way that minimizes risks to the environment and human health. (b) is primarily applicable to saline aquifers and depleted hydrocarbon reservoirs and does not preclude its application to storage associated with hydrocarbon recovery. (c) includes, but is not limited to, the safe design, construction, operation, maintenance, and closure of storage sites. (d) provides recommendations for the development of management documents, community engagement, risk assessment, and risk communication.

Single copy price: \$158.00 Canadian

Order from and send comments to Tosan Okorosobo, tosan.okorosobo@csagroup.org

BSR/TIA 568.1-E-1-202x, Commercial Building Telecommunications Infrastructure Standard - Addendum 1: Balanced Single Twisted-pair Cabling; Cabling Requirements for Wireless Access Points (addenda to ANSI/TIA 568.1-E-2020)

This addendum adds balanced single twisted-pair cabling. It also adds a requirement for 2 category 6A cables for WAPs(wireless access points) to a requirement to harmonize with recent standards document changes.

Single copy price: \$61.00

Order from and send comments to Teesha Jenkins, standards-process@tiaonline.org

BSR/TIA 4966-A-1-202x, Telecommunications Infrastructure Standard for Educational Facilities - Addendum 1: Balanced Single Twisted-pair Cabling (addenda to ANSI/TIA 4966-A-2022)

This addendum adds balanced single twisted-pair cabling.

Single copy price: \$61.00

Order from and send comments to Teesha Jenkins, standards-process@tiaonline.org

Due 31 January 2023

BSR/ASME PDS 1.1-202x, Default Standards for Understanding Engineering Documentation with Incomplete Reference to Applicable Dimensioning, Tolerancing, Surface Texture, and Metrology Standards (revision of ANSI/ASME PDS-1.1-2013)

This standard defines the applicable dimensioning and tolerancing standards, surface texture standards, and associated measurement standards when no reference is made to a company, regional, national, or international standard on dimensioning and tolerancing product definition data. This standard applies to product definition data created in any country.

Single copy price: Free

Access at <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to Fredric Constantino, constantinof@asme.org

INCITS/ISO/IEC 24773-1:2019 [202x], Software and systems engineering - Certification of software and systems engineering professionals - Part 1: General requirements (identical national adoption of ISO/IEC 24773-1:2019)

This document is part one of the ISO/IEC 24773 series. It contains the requirements which will be common to all other parts of the ISO/IEC 24773 series, for certifications (schemes and bodies) in the domain of software and systems engineering.

Single copy price: \$73.00

Obtain an electronic copy from <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 24773-3:2021 [202x], Software and systems engineering - Certification of software and systems engineering professionals - Part 3: Systems engineering (identical national adoption of ISO/IEC 24773-3:2021)

Elaborates requirements and recommendations for certifications schemes based on ISO/IEC 24773-1, which are specific to the domain of systems engineering.

Single copy price: \$73.00

Obtain an electronic copy from <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 27036-2:2022 [202x], Cybersecurity - Supplier relationships - Part 2: Requirements (identical national adoption of ISO/IEC 27036-2:2022)

Specifies fundamental information security requirements for defining, implementing, operating, monitoring, reviewing, maintaining and improving supplier and acquirer relationships. These requirements cover any procurement and supply of products and services, such as manufacturing or assembly, business process procurement, software and hardware components, knowledge process procurement, build-operate-transfer and cloud computing services.

Single copy price: \$200.00

Order from: <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23531:2020 [202x], Systems and software engineering - Capabilities of issue management tools (identical national adoption of ISO/IEC 23531:2020)

Defines the capabilities of issue management tools and is used to select the most appropriate one from many issue management tools. The evaluation and selection of the issue management tools is performed in accordance with ISO/IEC 20741 which defines the general evaluation selection process and evaluation characteristics. Issue management is based on the tasks described in several activities in their processes (e.g. project assessment and control, decision management, and system/software requirements definition) of ISO/IEC/IEEE 12207.

Single copy price: \$200.00

Order from: <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 25020:2019 [202x], Systems and software engineering - Systems and software quality requirements and evaluation (SQuaRE) - Quality measurement framework (identical national adoption of ISO/IEC 25020:2019)

Provides a framework for developing quality measurement. The contents of this document are as follows: quality measurement reference model; relationships among different types of quality measures; guidelines for selecting quality measures; guidelines for constructing quality measures; guidelines for planning and performing measurements; guidelines for the application of measurement results.

Single copy price: \$175.00

Order from: <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 25030:2019 [202x], Systems and software engineering - Systems and software quality requirements and evaluation (SQuaRE) - Quality requirements framework (identical national adoption of ISO/IEC 25030:2019)

Provides the framework for quality requirements for systems, software products and data, which includes concept of the quality requirements, and requirements and recommendations for the processes and methods to elicit, define, use and govern them.

Single copy price: \$200.00

Order from: <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 26562:2019 [202x], Software and systems engineering - Methods and tools for product line transition management (identical national adoption of ISO/IEC 26562:2019)

This document, within the context of methods and tools for supporting the transitioning the organization's current development approach to software and systems product line engineering: defines processes for product line transition management. Those processes are described in terms of purpose, inputs, tasks and outcomes; defines method capabilities to support the defined tasks of each process; defines tool capabilities that automate or semiautomate tasks and methods.

Single copy price: \$175.00

Order from: <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

CSA public review announcements

The CSA Group has announced draft documents for public review that might be of interest to *Standards Watch* readers. To participate in CSA public reviews, please visit: <http://publicreview.csa.ca/>.

Due 7 January 2023

C865.1, Light-emitting diode drivers –methods of performance measurement (new standard)

This standard describes the procedures to be followed and the precautions to be taken in measuring performance of LED drivers commonly used in general lighting, exterior lighting, and roadway lighting, and similar applications.

The scope includes LED drivers that may have these characteristics:

- Input supply voltage up to 600 VDC or 600 VAC (60 or 50/60 Hz)
- Output open-circuit voltage of 600 V or less
- Constant-current or constant-voltage direct current (DC) output
- Fixed, pulse-width modulation, or programmable (tunable or dimmable) output power
- External (standalone) or internal (enclosed in luminaire)

C865.2, Light - Emitting Diode Drivers - Performance Characteristics (new standard)

This standard provides specifications for and operating characteristics of non-integral electronic drivers (power supplies) for LED devices, arrays, or systems intended for general lighting applications, including indoor and outdoor, as well as specific cases such as Power over the Ethernet (PoE), and Luminaires or Lighting systems assembled with two or more LED drivers, and in the future may include other devices such as Light Fidelity (LiFi) or Visual Light Communication (VLC). Electronic drivers are devices that use semiconductors to control and supply DC power for LED starting and operation. The drivers operate from supply sources up to 600 V AC or DC at a frequency up to 60 Hertz.

DIN public review announcement

The Deutsches Institut für Normung has announced a document possibly of interest to *Standards Watch* readers open for public review soon. It's not in review yet, but you can pre-order it. The review will run from 6 January through 6 March 2023. After you register with DIN at <http://www.entwuerfe.din.de/> you may review the draft standard.

DIN 15589-2, Tonwiedergabe im digitalen Kino - Teil 2: Elektroakustische Ausstattung eines Kinosaals (Sound playback in digital cinema - Part 2: Electroacoustic equipment in cinema auditoriums)

This document applies to the planning of new cinema halls and the modernization of existing cinema halls. It is also to be used when commissioning and checking the installed sound technology in cinema halls. Advice on surround speaker positions in the document is also applicable to auditoriums with self-emissive or acoustically opaque screens, provided the height of the outer screen speakers in those auditoriums follows the guidelines in this document. This document is not applicable to the projection screen loudspeakers and subwoofers in auditoriums with self-emissive or soundproof projection screens. Immersive audio is not discussed in this document because the setup of certain immersive audio formats requires an exchange with the manufacturer to verify speaker positions and the performance of the electro-acoustic components. If an extension to an immersive sound format is planned in the future, it may be necessary to deviate from the specifications in this document.

New ANS projects

ANSI has announced the following new projects that might materially affect *Standards Watch* readers—or at least be interesting. Contact the developer if you (a) want to be involved in a project, (b) object to a project and wish it to be abandoned, or (c) if you would like to point out that a scope is covered by an existing standard, thereby possibly making a project redundant or conflicting.

INCITS/ISO/IEC 38503:2022 [202x], Information technology - Governance of IT - Assessment of the governance of IT (identical national adoption of ISO/IEC 38503:2022)

Provides guidance on the assessment of governance of information technology (IT) based on the principles, definitions and model for the governance of IT outlined in ISO/IEC 38500 and ISO/IEC TR 38502 and the implementation considerations outlined in ISO/IEC TS 38501. Includes approaches for conducting the assessment, the criteria against which the assessment can be made, guidance on the evidence that can be used for the assessment, and a method for determining the maturity of the organization's governance of IT.

Contact Kim Quigley, kquigley@itic.org

BSR C12.21-2006 (R202x), Protocol Specification for Telephone Modem Communication (reaffirmation of ANSI C12.21-2006 (R2015))

This standard details the criteria required for communications between a C12.21 Device and a C12.21 Client via a modem connected to the switched telephone network. The C12.21 Client could be a laptop or portable computer, a master station system, or some other electronic communications device.

Contact Paul Orr, Pau_orr@nema.org

BSR/CSA V802-202x, Electric Vehicle Infrastructure Deployment (new standard)

This standard will provide guidance to help promote the safe, consistent, and reliable deployment of EV charging infrastructure that is accessible, convenient, and seamless for all users. The document will address issues relating to installation guidance, interoperability, reliability and performance, charging infrastructure distribution, and accessibility. The elements of this document include, but are not limited to: 1. Installation Guidance – Guidance in-line with the Canadian Electrical Code and National Electric Code (NFPA 70) installation requirements for safe installations of infrastructure and relevant product safety standards. 2. Interoperability - Compatibility of charging networks with relevant standards and multiple payment methods. 3. Reliability and performance - Metrics for reliability, performance, and uptime. 4. Charging Infrastructure Distribution — Methodical and equitable distribution of charging stations in public places, multi-unit residential buildings, and workplaces. 5. Accessibility – Design guidelines for charging stations that address the specific needs of persons with disabilities.

Contact Debbie Chesnik, ansi.contact@csagroup.org

BSR/CSA V803-202x, Electric Vehicle Charger Accessibility (new standard)

This standard applies to the installation of electric vehicle charging infrastructure in public or private spaces and provides the requirements and guidance around accessibility, ease of use, and safety for the specific needs of persons with disabilities. The elements of this accessibility standard include, but are not limited to: Parking layout guidance including dedicated parking, accessible routes, and maneuverability needs for assistive equipment; - Charge point location guidance; - Signage; - Charger orientation and position; - Payment equipment and systems; - Protection from the elements; - Handling of cables, connectors, and sockets; and - Methods for seeking assistance.

Contact Debbie Chesnik, ansi.contact@csagroup.org

BSR/CSA V804-202x, Electric Vehicle Charger Reliability (new standard)

This standard applies to electric vehicle chargers installed in public or private places and provides the definitions, requirements, and guidance for reliability during operation. The elements of this standard include, but are not limited to: - Definition of reliability; - Definition of parameters that may or may not have an impact on reliability; - Methods for the calculation of reliability; - Definition of charger up-time and downtime; and Reliability data reporting parameters.

Contact Debbie Chesnik, ansi.contact@csagroup.org

BSR/HSI 2100-202x, Performance Standards for Methods of Commercial Aircraft Disinfection (new standard)

This performance standard is intended to provide commercial airline operators and contracted aircraft cleaning services with a reproducible passenger/crew-centric tool to evaluate the plethora of aircraft interior surface disinfection devices, systems and methods. Specific criteria will be enumerated including details of the aircraft (or mockup) interior dimensions, seats, controls, overhead bins, etc. Specifications will include surface materials, finishes, orientations, site locations, microbe, log reductions and time requirements, as well as passing criteria. The performance standard will be agnostic as to method tested. There are no current standards nor efforts for standards for the disinfection of commercial aircraft surfaces.

Contact Lee Webster, webster@ingenesis.com

BSR C18.1M, Part 1-202x, Portable Primary Cells and Batteries with Aqueous Electrolyte - General and Specifications (revision of ANSI C18.1M, Part 1-2021)

This standard applies to portable primary cells and batteries with aqueous electrolyte and a zinc anode (non-lithium). This edition includes the following electrochemical systems: a) Carbon zinc (Leclanche and zinc chloride types); b) Alkaline manganese dioxide; c) Silver oxide; d) Zinc air; and e) Nickel oxyhydroxide.

Contact Khaled Masri, Khaled.Masri@nema.org

Final actions on American National Standards

The documents listed below may be of interest to *Standards Watch* readers and have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator on the date noted. "Final actions" means "done for now." No standard is ever finished.

ANSI C63.29-2022, Standard for compliance testing of Lighting Products (new standard), 1 December 2022

ANSI MH30.1-2022, Design, Testing, and Utilization of Dock Leveling Devices (revision of ANSI MH30.1-2015), 28 November 2022

ANSI MH30.2-2022, Design, Testing, and Utilization of Portable Dock Boards and Dock Plates (revision of ANSI/MH30.2-2015), 28 November 2022

ANSI/AVIXA A102.01-2022, Measurement and Classification of Audio Coverage Uniformity in Listener Areas (revision and redesignation of ANSI/INFOCOMM A102.01-2017), 12 December 2022

ANSI/AVIXA A103.01-2022, Measurement and Classification of Spectral Balance of Sound Systems in Listener Areas (new standard), 12 December 2022

ANSI/UL 1557-2022, Standard for Safety for Electrically Isolated Semiconductor Devices (revision of ANSI/UL 1557-2018), 6 December 2022

ANSI/UL 1581-2022, Standard for Reference Standard for Electrical Wires, Cables, and Flexible Cords (July 8, 2022) (revision of ANSI/UL 1581-2020), 15 November 2022

ANSI/UL 1998-2022, Standard for Safety for Software in Programmable Components (revision of ANSI/UL 1998 - 2018), 16 November 2022

ANSI/UL 2438-2022, Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices (revision of ANSI/UL 2438-2014), 6 December 2022

ANSI/UL 588-2022, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588 - 2021), 6 December 2022

ANSI/UL 8750-2022, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2021), 7 December 2022

Draft IEC & ISO documents

This section lists proposed documents that the IEC or the ISO or both are considering for approval and that may be of interest to *Standards Watch* readers. Anyone interested in reviewing and commenting on a document should order a copy from their national representative and submit their comments through them. Comments from US citizens on ISO documents must be sent to the ISO Team (isot@ansi.org). The comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document; other formats will not be accepted. US comments should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). Any prices shown are for purchases through ANSI. (Not all have prices.) The sort order is by due-date.

34/1004/FDIS, IEC 62471-7 ED1: Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, 20 January 2023

65A/1056A/CD, IEC 61508-1 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements (see Functional Safety and IEC 61508), 20 January 2023

65A/1057A/CD, IEC 61508-2 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems (see Functional Safety and IEC 61508), 20 January 2023

65A/1058A/CD, IEC 61508-3 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 3: Software requirements (see Functional Safety and IEC 61508), 20 January 2023

65A/1059A/CD, IEC 61508-4 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 4: Definitions and abbreviations (see Functional Safety and IEC 61508), 20 January 2023

65A/1060A/CD, IEC 61508-5 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 5: Examples of methods for the determination of safety integrity levels (see Functional Safety and IEC 61508), 20 January 2023

65A/1061A/CD, IEC 61508-6 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 6: Guidelines on the application of IEC 61508-2 and IEC 61508-3 (see Functional Safety and IEC 61508), 20 January 2023

65A/1062A/CD, IEC 61508-7 ED3: Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 7: Overview of techniques and measures (see Functional Safety and IEC 61508), 20 January 2023

JTC1-SC25/3127/CD, ISO/IEC 24383 ED1: Information technology - Physical network security for the accommodation of customer premises cabling infrastructure and information technology equipment, 20 January 2023

108/794/DTR, IEC TR 62368-2 ED4: Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1:2018, 27 January 2023

34A/2320/CD, IEC 63013/AMD2 ED1: Amendment 2 – LED packages - Long-term luminous and radiant flux maintenance projection, 17 February 2023

ISO/DIS 14068, Greenhouse gas management and climate change management and related activities - Carbon neutrality, 18 February 2023, \$107.00

ISO/DIS 37183, Smart community infrastructures – Smart transportation with the use of face recognition payment (fpayment), 25 February 2023, \$53.00

ISO/CIE DIS 10916, Light and lighting - Energy performance of lighting in buildings - Calculation of the impact of daylight utilization, 27 February 2023, \$155.00

ISO/IEC DIS 5392, Information technology - Artificial intelligence Reference architecture of knowledge engineering , 27 February 2023, \$112.00

ISO/IEC DIS 23090-14/DAmD 1, Information technology – Coded representation of immersive media - Part 14: Scene description - Amendment 1: Support for immersive media codecs in scene description, 27 February 2023, \$67.00

ISO/IEC DIS 23090-18/DAmD 1, Information technology – Coded representation of immersive media - Part 18: Carriage of geometry-based point cloud compression data - Amendment 1: Support for temporal scalability, 27 February 2023, \$77.00

34/991/CDV, IEC 62386-306 ED1: Digital addressable lighting interface - Part 306: Particular requirements - Input devices General purpose sensor, 3 March 2023

69/872/CD, IEC 63382-1 ED1: Management of Distributed Energy Storage Systems based on Electrically Chargeable Vehicles (ECV-DESS) - Part 1: Definitions, Requirements and Use Cases, 3 March 2023

Recently published IEC & ISO documents

Listed here are documents recently approved by the IEC or ISO and listed in ANSI's *Standards Action* that may be of use or interest to *Standards Watch* readers. Prices shown are for purchases from the [ANSI Webstore](#).

ISO 80000-1:2022, Quantities and units - Part 1: General, \$149.00

IEC 80000-6:2022, \$235.00

IEC/TS 63134 Amd.1 Ed. 1.0 en:2022, Amendment 1 – Active Assisted Living (AAL) use cases, \$51.00

IEC/TS 63134 Ed. 1.1 en:2022, Active Assisted Living (AAL) use cases, \$633.00

ISO 18314-3:2022, Analytical colorimetry - Part 3: Special indices, \$48.00

ISO 18314-5:2022, Analytical colorimetry - Part 5: Procedure for colorimetric determination of colour differences of object colours according to equidistant colour spaces, \$111.00

ISO 20187-1:2022, Inflatable play equipment - Part 1: Safety requirements and test methods, \$200.00

ISO 20187-2:2022, Inflatable play equipment - Part 2: Additional safety requirements for inflatable bouncing pillows intended for permanent installation, \$73.00

ISO 20187-3:2022, Inflatable play equipment - Part 3: Additional safety requirements and test methods for snappies, \$48.00

ISO 37170:2022, Smart community infrastructures – Data framework for infrastructure governance based on digital technology in smart cities, \$73.00

ISO 4344:2022, Steel wire ropes for lifts – Minimum requirements, \$175.00

ISO 6707-3:2022, Buildings and civil engineering works Vocabulary - Part 3: Sustainability terms, \$48.00

ISO/IEC 21000-23:2022, Information technology – Multimedia framework (MPEG-21) - Part 23: Smart Contracts for Media, \$225.00

ISO/IEC 21122-2:2022/Amd 1:2022, Information technology JPEG XS low-latency lightweight image coding system – Part 2: Profiles and buffer models - Amendment 1: Profile and sublevel for 4:2:0 content, \$20.00

ISO/IEC 23090-15:2022, Information technology – Coded representation of immersive media - Part 15: Conformance testing for versatile video coding, \$225.00

ISO/IEC 24668:2022, Information technology – Artificial intelligence - Process management framework for big data analytics, \$200.00

ISO/IEC 24791-3:2022, Information technology - Radio frequency identification (RFID) for item management - Software system infrastructure - Part 3: Device management, \$200.00

ISO/IEC 26563:2022, Software and systems engineering Methods and tools for product line configuration management, \$175.00

ISO/IEC 30105-4:2022, Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 4: Key concepts, \$149.00

TSP meeting schedule

The meeting schedule is posted at <https://esta.org/ESTA/meetings.php> sorted by date. Below is the schedule from that web page sorted by working group name. The meetings will be via WebEx.

Control Protocols Working Group	11:00 – 15:00 EST	Tuesday 17 January 2023
Electrical Power Working Group	11:00 – 14:00 EST	Wednesday 18 January 2023
Event Safety Working Group	11:00 – 14:00 EST	Monday 23 January 2023
Floors Working Group	16:00 – 18:00 EST	Wednesday 18 January 2023
Fog & Smoke Working Group	11:00 – 13:00 EST	Thursday 19 January 2023
Followspot Positions Working Group	17:00 – 19:00 EST	Tuesday 17 January 2023
Photometrics Working Group	15:00 – 17:00 EST	Thursday 19 January 2023
Rigging Working Group	16:00 – 19:00 EST	Monday 16 January 2023
Stage Machinery Working Group	11:00 – 14:00 EST	Monday 16 January 2023
Technical Standards Council Council	11:00 – 15:00 EST	Tuesday 24 January 2023
Weapons Safety Working Group	11:00 – 15:00 EST	Friday 20 January 2023

The following set of meetings will be scheduled in April around the NAMM Show. Meetings will be in person in Anaheim and remote via WebEx.

ESTA Standards Watch

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