



Technical Standards Program

ESTA Standards Watch

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Five ESTA standards in public review

Five draft ESTA standards are available for public review and comment on the ESTA website at <http://estalink.us/pr>. The downloads are free. The documents in public review, sorted by comment due date, are:

BSR E1.41, Recommendation for the Measurement of Entertainment Luminaires Utilizing Solid State Light Sources, is intended to be used for the presentation of photometric data for luminaires employing solid state light sources used in the entertainment and performance industries. This standard defines photometric data that may be presented on documents purporting to accurately describe the photometric performance of these luminaires when producing white and colored light. Comment no later than 5 December 2022.

BSR E1.42 - 202x, Safety Standard for Entertainment Lifts, is a revision of ANSI E1.42-2018, Entertainment Technology - Design, Installation, and Use of Orchestra Pit Lifts. Stage and orchestra lifts are specifically excluded from ASME A17.1 Safety Code for Elevators and Escalators. The previous version provided a reference standard for the design, manufacture, installation, and inspection of orchestra pit lifts. This revision expands its scope to include stage lifts and other similar lifts. These lifts have widely varying requirements and operating conditions. Procedures for risk assessment and risk reduction have been added to accommodate these conditions. As a result, many sections have been reorganized and renumbered. To reflect the increased scope

and more closely follow ASME A17.1, the title has also been changed to Safety Standard for Entertainment Lifts. Comment no later than 5 December 2022.

BSR ES1.5, Medical Preparedness, helps identify the steps necessary to create a reasonable level of protection from medical hazards that can be created by, exacerbated by, or cause effective treatment delay as a result of, the unique challenges & circumstances presented by the special event environment. Its scope includes the assessment of specific medical hazards, and also addresses the potential impact to local medical services, which may be temporarily impacted by the specific needs of the special event. Comment no later than 12 December 2022.

BSR ES1.40, Event Safety – Security, addresses the various guest services and crowd control aspects that are encompassed by "event security," all of which serve a common function of establishing the behavioral expectations for the event, ranging from permissible item possession, access control, and behavioral management, to crime prevention and an overall sense of safety for event attendees. This standard addresses both active and passive security considerations. It distinguishes between private security staff and law enforcement. This standard helps reduce the risk of harm to event attendees and to their property, while helping to improve their on-site experience. Comment no later than 12 December 2022.

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.

PERG's EWI Needs Rental Companies

ESTA' Production Equipment Rental Group is asking for PERG rental companies to join in the Equitable Workforce Initiative. EWI is designed to bring greater diversity into the ranks of rental companies and to encourage employees to imagine their future selves in leadership positions. It's not an internship program, but a subsidy to companies to help them hire new full-time workers. Up to eight PERG-member rental companies could have the first six months of employee expenses—salary, benefits, taxes—paid for by the EWI program. More information and the application form to participate are available at <https://my.esta.org/EWIrentalcompany>. The program is sponsored by NetFlix and administered by ESTA.

USITT seeks comments on inclusive, non-offensive terms

USITT's Terminology Working Group is seeking public comment on a draft USITT RP-xx – 20xx, Recommended Practice for the Use of Inclusive Terminology in Entertainment Technology, Design, and Management Fields. The draft document and a response form is available at www.usitt.org/terms. The public review runs through 16 December 2022. Even if you have no suggestions, it would help the working group to know you feel the document is useful as is by submitting the form and saying this.

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, with "Not given by country" as the soonest.

United States of America Notification USA/1943

Date issued: 17 November 2022

Agency responsible: United States Customs and Border Protection (CBP); Department of Homeland Security (DHS); United States Department of the Treasury (TREAS)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Imported goods

Title: Rules of Origin for Goods Imported Into the United States; (20 pages in English)

Description of content: Final rule; technical corrections - This document sets forth technical corrections to U.S. Customs and Border Protection (CBP) regulations to reflect recent changes in the Harmonized Tariff Schedule of the United States. The affected provisions, which are based in part on specified changes in tariff classification, comprise a codified system used for determining: the country of origin for marking purposes for goods imported under the Agreement Between the United States of America, the United Mexican States, and Canada (USMCA); determining the country of origin of imported goods for the purposes specified in paragraph 1 of Annex 311 of the North American Free Trade Agreement (NAFTA) for outstanding pending NAFTA claims; determining whether an imported good is a new or different article of commerce under the United States-Morocco Free Trade Agreement and the United States-Bahrain Free Trade Agreement; and for determining the country of origin of textile and apparel products (other than those of Israel).

Objective and rationale: Reducing trade barriers and facilitating trade

Relevant documents: 87 Federal Register (FR) 68338, 15 November 2022; Title 19 Code of Federal Regulations (CFR) Part 102: <https://www.govinfo.gov/content/pkg/FR-2022-11-15/pdf/2022-23329.pdf>

Proposed date of adoption: 15 November 2022

Proposed date of entry into force: 15 November 2022

Final date for comments: Not given by country

Full text: <https://www.govinfo.gov/content/pkg/FR-2022-11-15/pdf/2022-23329.pdf>

Korea, Republic of Notification KOR/1116

Date issued: 24 November 2022

Agency responsible: National Radio Research Agency (RRA)

National inquiry point: Korea WTO TBT Enquiry Point

Products covered: Wireless power transmission equipment

Title: Draft amendment of Technical regulations for ISM equipment; (7 pages in Korean)

Description of content: This regulation is to specify technical specifications of wireless power transmission equipment in the band 79 - 90 kHz.

Objective and rationale: Supply of eco-friendly electric vehicles and expansion of charging infrastructure

Relevant documents: RRA Public Notice No. 2022-110 (22 NOV 2022)

Proposed date of adoption: 1 December 2022

Proposed date of entry into force: Not given by country

Final date for comments: 12 December 2022

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR1116\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR1116(korean).pdf)

Ukraine Notification UKR/236

Date issued: 17 November 2022

Agency responsible: State Agency of Energy Efficiency and Energy Conservation of Ukraine

National inquiry point: WTO National Enquiry Point & Information Processing Centre

Products covered: Light sources and separate control gears

Title: The draft Resolution of the Cabinet of Ministers of Ukraine "On approval of the Technical Regulation establishing ecodesign requirements for light sources and separate control gears" (40 pages in Ukrainian)

Description of content: This Technical Regulation will establish ecodesign requirements for placing on the market of light sources and separate control gears. The requirements will also apply to light sources and separate control gears placed on the market as part of a product.

The Technical Regulation is based on Commission Regulation (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012.

The adoption of the Technical Regulation is aimed at ensuring the improvement of energy and environmental characteristics for light sources and separate control gears, which as a result will allow gradually displace from the market the most energy-intensive products and products with the greatest negative impact on the environment, in accordance with the updated EU legislation.

After the adoption of the draft Resolution, the following Resolutions will be repealed: Resolution of the Cabinet of Ministers of Ukraine No. 734 " On Approval of the Technical Regulation on Ecodesign Requirements for Non-directional Household Lamps " of August 14, 2019.

Resolution of the Cabinet of Ministers of Ukraine No. 264 " On Approval of the Technical Regulation on Ecodesign Requirements for Directional Lamps, Light Emitting Diode Lamps and Related Equipment" of March 27, 2019 (G/TBT/N/UKR/123).

Resolution of the Cabinet of Ministers of Ukraine No. 741 " On Approval of the Technical Regulation on Ecodesign Requirements for Fluorescent Lamps without Integrated Ballast, for High Intensity Discharge Lamps, and for Ballasts and Luminaires Able to Operate Such Lamps" of August 14, 2019.

Objective and rationale: Consumer information, labelling; Protection of the environment; Quality requirements; Harmonization; Cost saving and productivity enhancement

Relevant documents: Law of Ukraine "On Technical Regulations and Conformity Assessment"

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 16 January 2023

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[1\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[1](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[2\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[2](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[3\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[3](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[4\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[4](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[5\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[5](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[6\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[6](ukrainian).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[7\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[7](ukrainian).pdf), and [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236\[8\]\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR236[8](ukrainian).pdf)

Japan Notification JPN/754

Date issued: 28 November 2022

Agency responsible: Ministry of Internal Affairs and Communications

National inquiry point: Japan Enquiry Point, International Trade Division, Economic Affairs Bureau, Ministry of Foreign Affairs (MOFA)

Products covered: Convenience Radio

Title: Partial Amendment of Ordinance for Enforcement of the Radio Act etc. (2 pages in English)

Description of content: Amendment the regulations for Convenience Radio

Objective and rationale: The Regulations for the Radio Act need to be amended to introduce technical requirements for digital Convenience Radio.

Relevant documents: The basic law is the Radio Act (1950 Law No.131).

<https://www.japaneselawtranslation.go.jp/en/laws/view/3205>

The amendment will appear in "KAMPO"(Official Government Gazette) when adopted.(available in Japanese)

Proposed date of adoption: 1 March 2023

Proposed date of entry into force: 1 March 2023

Final date for comments: 27 January 2023

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/JPN/full_text/pdf/JPN754\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/JPN/full_text/pdf/JPN754(english).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 2 January 2023

BSR/ASHRAE Addendum bx to BSR/ASHRAE Standard 135-202x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)

This addendum describes a mechanism by which a BACnet router can perform I-Am request proxying for any directly connected BACnet network.

Single copy price: \$35.00

Access and offer comments at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

BSR C78.62612-2018 (R202x), Standard for Electric Lamps - Self-ballasted LED Lamps Performance Specifications (reaffirmation of ANSI C78.62612-2018)

This standard specifies the performance requirements, together with the test methods and conditions, required to show compliance of LED lamps with integral means for stable operation, intended for domestic and similar general lighting purposes.

Single copy price: \$50.00

Order from and send comments to Michael Erbesfeld, Michael.Erbesfeld@nema.org

BSR C78.62717-2018 (R202x), Standard for Electric Lamps - LED modules for general lighting – Performance Requirements (reaffirmation of ANSI C78.62717-2018)

This standard specifies the performance requirements for LED modules, together with the test methods and conditions, required to show compliance with this standard.

Single copy price: \$50.00

Order from and send comments to Michael Erbesfeld, Michael.Erbesfeld@nema.org

Due 9 January 2023

BSR/ACCT 03-202X, Challenge Course and Canopy/Zip Line Tour Standards (revision of ANSI/ACCT 03-2019)

Included are standards for facilities used for any purpose including amusement, recreation, team development, therapy, or education. Challenge courses now have three distinct operating methodologies: facilitated (such as traditional Ropes and Challenge Courses), guided (such as Canopy and Zip Line Tours), or self-guided and monitored (such as Aerial Adventure/Trekking Parks).

Single copy price: Free

Access and offer comments at <https://acctinfo.org/03-202X-Comments>

BSR/IES RP-9-202x, Recommended Practice: Lighting Hospitality Spaces (revision of ANSI/IES RP-9-2020)

Addition of lighting design recommendations and metrics for gaming areas.

Single copy price: \$25.00

Order from and send comments to Patricia McGillicuddy, pmcgillicuddy@ies.org

BSR C18.5M Part 1-202x, Portable Lithium Rechargeable Cells and Batteries - General and Specifications (revision of ANSI C18.5M Part 1-2020)

This publication applies to portable rechargeable, or secondary, lithium cells and batteries. This document covers secondary lithium cells and batteries with a range of chemistries. Each electrochemical couple has a characteristic voltage range over which it releases its electrical capacity, a characteristic nominal voltage and a characteristic final voltage during discharge. This document defines a minimum required level of performance and a standardized methodology by which testing is performed and the results of this testing reported to the user.

Single copy price: \$142.00

Order from Communications@nema.org

Send comments to Khaled Masri, Khaled.Masri@nema.org

Due 24 January 2023

BSR/UL 8803-202x, Standard for Safety for Portable UV Germicidal Equipment with Uncontained UV Sources (new standard)

Proposed adoption of the first edition of the Standard For Portable UV Germicidal Equipment With Uncontained UV Sources, UL 8803, as a UL standard for the U.S. and Canada.

Single copy price: Free

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

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.

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.

BSR/ASME Y14.24-202x, Types and Applications of Engineering Drawings (revision of ANSI/ASME Y14.24-2020)

This standard defines the types of engineering product definition most frequently used to establish engineering requirements. It describes typical applications and minimum content requirements. Drawings for specialized engineering disciplines (e.g., marine, civil, construction, optics, etc.) are not included in this standard.

Contact Terrell Henry, ansibox@asme.org

BSR/ASME Y14.38-202x, Abbreviations and Acronyms for Use on Drawings and Related Documents (revision of ANSI/ASME Y14.38-2019)

The abbreviations and acronyms listed in this standard are used in engineering product definition and related documentation.

Contact Terrell Henry, ansibox@asme.org

BSR ASQ/ISO 16355-7-202x, Applications of statistical and related methods to new technology and product development process - Part 7: Guidelines for developing digitalized products and services - General principles and perspectives of the QFD method (identical national adoption of ISO 16355-7:2022)

This document gives guidelines for adapting the quality function deployment (QFD) process, its purpose, users, and tools as they are described in the ISO 16355 series that consider these specific characteristics for developing digitalized products and services.

Contact Elizabeth Spaulding, espauling@asq.org

BSR/AWS B5.1-202x, Specification for the Qualification of Welding Inspectors (revision of ANSI/AWS B5.1-2013-AMD1-2013)

This standard defines the qualification requirements to qualify welding inspectors. The qualification requirements for visual welding inspectors include experience and satisfactory completion of an examination, which includes demonstrated capabilities, and proof of visual acuity. The examination tests the inspector's knowledge of welding processes, welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols,

reports, welding metallurgy, related mathematics, safety, quality assurance, and responsibilities.
Contact Brenda Boddiger, bboddiger@aws.org

BSR/AWS B5.2-202x, Specification for the Training, Qualification, and Company Certification of Welding Inspector Specialists and Welding Inspector Assistants (revision of ANSI/AWS B5.2-2018)

This specification defines the requirements and program for an employer (company) to train, qualify, and company certify Welding Inspector Specialists and Welding Inspector Assistants to contract or industry-specific inspector standards. The program is developed as a written practice and controlled by an employer. The qualification requires documentation of experience, training, and satisfactory completion of an examination. The examination tests knowledge of welding processes, welding procedures, welder qualification, destructive testing, nondestructive testing, terms, definitions, symbols, reports, records, safety, and responsibility as specifically applied by the contract or industry standards applicable to the employer.

Contact Brenda Boddiger, bboddiger@aws.org

BSR/IEEE 3301-202x, Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Artificial Intelligence Framework (AIF) Version 1.1 (new standard)

The MPAI AI Framework (MPAI-AIF) Technical Specification specifies architecture, interfaces, protocols and Application Programming Interfaces (API) of an AI Framework (AIF), especially designed for execution of AI-based implementations, but also suitable for mixed AI and traditional data processing workflows. MPAI-AIF possesses the following main features:

- Operating System-independent.
- Component-based modular architecture with standard interfaces.
- Interfaces encapsulate Components to abstract them from the development environment.
- Interface with the MPAI Store enables access to validated Components.
- Component can be implemented as software only (from Micro-Controller Units to High-Performance Computing), hardware only, and hybrid hardware/software.

Component system features are:

- Execution in local and distributed Zero-Trust architectures.
- Possibility to interact with other Implementations operating in proximity.
- Direct support to Machine Learning functionalities.

Contact Lisa Weisser, l.weisser@ieee.org

BSR/IEEE 3302-202x, Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Context-based Audio Enhancement (CAE) Version 1.4 (new standard)

MPAI-CAE V1.4 is a collection of four Use Cases specifying AI based technologies for audio-related applications including entertainment, communication, post-production, teleconferencing, and restoration. The goal is to improve the user audio experience in a variety of situations, such as in the home, in the car, on the go, or in the studio, using context information to act on the input audio content, and delivering the processed audio output via an appropriate protocol. The Use Cases identified in MPAI-CAE V1.4 are Emotion Enhanced Speech (EES), Audio Recording Preservation (ARP), Speech Restoration System (SSR), and Enhanced Audioconference Experience (EAE).

Contact Lisa Weisser, l.weisser@ieee.org

BSR/IES TM- (FF)-202x, Standard File Format for the Electronic Data Transfer of Light Output Maintenance Characteristics of Solid-State Light Sources (new standard)

The purpose of this standard is to specify a standard document format for the storage and transfer flux and color maintenance data generated in accordance with ANSI/IES LM-80, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources.

Contact Patricia McGillicuddy, pmcgillicuddy@ies.org

BSR/NFPA 55-202x, Compressed Gases and Cryogenic Fluids Code (revision of ANSI/NFPA 55-2022)

This code shall provide fundamental safeguards for the installation, storage, use, and handling of compressed gases and cryogenic fluids in portable and stationary cylinders, containers, and tanks.

Contact Dawn Michele Bellis, dbellis@nfpa.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/AHAM AC-4-2022, Method of Assessing the Reduction Rate of Chemical Gases by a Room Air Cleaner (new standard), 18 November 2022

ANSI/AHAM AC-5-2022, Method for Assessing the Reduction Rate of Key Bioaerosols by Portable Air Cleaners Using an Aerobiology Test Chamber (new standard), 18 November 2022

ANSI/APCO 3.111.1-2022, Detecting Early Warning Symptoms of Stress in Public Safety Telecommunicators (new standard), 8 November 2022

ANSI/ASHRAE Addendum 62.1x-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016), 8 November 2022

ANSI/ASHRAE/ICC/IES/USGBC Addendum k to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, 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), 8 November 2022

ANSI/ASHRAE/ICC/IES/USGBC Addendum m to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, 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), 8 November 2022

ANSI/ASHRAE/ICC/IES/USGBC Addendum y to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, 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), 8 November 2022

ANSI/ASHRAE Standard 230P-2022, Commissioning Process for Existing Systems and Assemblies (new standard), 8 November 2022

ANSI/ASME PTC 17-1973 (R2022), Reciprocating Internal-Combustion Engines (new standard), 10 November 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.

34D/1680(F)/FDIS, IEC 62722-2-1 ED2: Luminaire performance -Part 2-1: Particular requirements - LED luminaires, 9 December 2022

ISO/DIS 10303-2, Industrial automation systems and integration -Product data representation and exchange - Part 2: Vocabulary, 26 January 2023, \$350.00

ISO/DIS 5114-1, Acoustics - Determination of uncertainties associated with sound emission measures - Part 1: Sound power levels determined from sound pressure measurements, 29 January 2023, \$93.00

ISO/DIS 3744, Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane, 30 January 2023, \$134.00

ISO/DIS 18314-4, Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant, 30 January 2023, \$82.00

ISO/DIS 18646-2, Robotics - Performance criteria and related test methods for service robots - Part 2: Navigation, 2 February 2023, \$82.00

56/1966/CDV, IEC 62506 ED2: Methods for product accelerated testing, 3 February 2023

ISO/IEC DIS 27402, Cybersecurity - IoT security and privacy -Device baseline requirements, 3 February 2023, \$67.00

22G/464/CDV, IEC 61800-9-1 ED2: Adjustable speed electrical power drive systems - Part 9-1: Ecodesign for motor systems -General requirements for setting energy efficiency standards, 10 February 2023

22G/463/CDV, IEC 61800-9-2 ED2: Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for motor systems -Energy efficiency determination and classification, 10 February 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](#).

IEC 62386-101 Ed. 3.0 b:2022, Digital addressable lighting interface - Part 101: General requirements – System components, \$392.00

IEC 62386-101 Ed. 3.0 en:2022 CMV, Digital addressable lighting interface - Part 101: General requirements – System components, \$689.00

IEC 62386-102 Ed. 3.0 b:2022, Digital addressable lighting interface - Part 102: General requirements - Control gear, \$392.00

IEC 62386-102 Ed. 3.0 en:2022 CMV, Digital addressable lighting interface - Part 102: General requirements - Control gear, \$689.00

IEC 62386-103 Ed. 2.0 b:2022, Digital addressable lighting interface - Part 103: General requirements - Control devices, \$392.00

IEC 62386-103 Ed. 2.0 en:2022 CMV, Digital addressable lighting interface - Part 103: General requirements - Control devices, \$689.00

IEC 62606 Amd.2 Ed. 1.0 b:2022, Amendment 2 – General requirements for arc fault detection devices, \$221.00

IEC 62606 Ed. 1.2 b:2022, General requirements for arc fault detection and protection devices (AFDDs), \$1012.00

IEC 80000-6 Ed. 2.0 b:2022, Quantities and units - Part 6: Electromagnetism, \$259.00

ISO 23659:2022, Sports and recreational facilities – Trampoline parks - Safety requirements, \$225.00

ISO/IEC 23090-7:2022, Information technology – Coded representation of immersive media - Part 7: Immersive media metadata, \$200.00

ISO/IEC/IEEE 24748-7000:2022, Systems and software engineering - Life cycle management - Part 7000: Standard model process for addressing ethical concerns during system design, \$225.00

ISO/TS 14074:2022, Environmental management - Life cycle assessment - Principles, requirements and guidelines for normalization, weighting and interpretation, \$111.00

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. 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

is distributed as a benefit to ESTA members and as a communication medium for participants in ESTA's Technical Standards Program. Original material is copyright ESTA.

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