



Technical Standards Program

ESTA Standards Watch

Late July 2022 Volume 26, Number 14

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WTO Technical Barrier to Trade notifications

Notify US, the U.S. Department of Commerce's service to announce Technical Barrier to Trade filings, has announced some interesting TBTs. If you have a problem with a TBT, you can protest through your representative to the World Trade Organization.

United States of America Notification USA/1778/Add.1

Date issued: 18 July 2022

Agency responsible: Office of Energy Efficiency and Renewable Energy, Department of Energy.

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Air cleaners

Title: Energy Conservation Program: Proposed Determination of Air Cleaners as a Covered Consumer Product (8 page(s), in English)

Action: Final rule; final determination

Description of content: The U.S. Department of Energy (“DOE”) has determined that air cleaners qualify as a covered product under Part A of Title III of the Energy Policy and Conservation Act, as amended (“EPCA”). DOE has determined that classifying air cleaners as covered products is necessary or appropriate to carry out the purposes of EPCA, and that the average U.S. household energy use for air cleaners is likely to exceed 100 kilowatt-hours per year.

DATES: This final determination is effective September 13, 2022.

ADDRESSES: The docket for this rulemaking, which includes Federal Register notices, comments, and other supporting documents/materials, is available for review at www.regulations.gov. All documents in the docket are listed in the www.regulations.gov index. However, not all documents listed in the index may be publicly available, such as information that is exempt from public disclosure. The docket web page can be found at www.regulations.gov/docket/EERE-2021-BT-DET-0022. The docket web page contains instructions on how to access all documents, including public comments, in the docket.

FOR FURTHER INFORMATION CONTACT: Dr. Stephanie Johnson, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Office, EE-2J, 1000 Independence Avenue SW, Washington, DC 20585-0121. Telephone: (202) 287-1943. Email: ApplianceStandardsQuestions@ee.doe.gov.

Ms. Amelia Whiting, U.S. Department of Energy, Office of the General Counsel, GC-33, 1000 Independence Avenue SW, Washington, DC 20585-0121. Telephone: (202) 586-2588. Email: Amelia.Whiting@hq.doe.gov

Republic of Korea Notification G/TBT/N/KOR/1087

Date issued: 19 July 2022

Agency responsible: Ministry of Environmental

National inquiry point: Korea WTO TBT Enquiry Point

Products covered: 'Consumer Chemical Products subject to Safety Verification'. These products are designated and publicly notified by the Minister of Environment as deemed to be risky from a risk assessment conducted in accordance with the Consumer Chemical Products and Biocides Safety Control Act.

Title: "Designation of Consumer Chemical Products subject to Safety Verification, and Safety and Labeling Standards Thereof"; (173 page(s), in Korean)

Description of content: Designation of new product type(s) and uses thereof, and development or strengthening of relevant safety and labeling standards

- Reinforcement of 'container and packaging' safety management and improvement of reporting method
- Improvement of product labeling standards, etc

Objective and rationale: To protect public health and prevent any incidents like the humidifier disinfectant case by designating consumer chemical products that need risk prevention as consumer chemical products subject to safety verification, and establishing their safety and labeling standards for safety management.; Consumer information, labeling; Protection of human health or safety.

Relevant documents: ME Notice No. 2022-397 (20 July 2022); G/TBT/N/KOR/867 (Previously notified as "Designation of Consumer Chemical Products subject to Safety Check, and Relevant Safety and Labeling Standards" in December 2019)

Proposed date of adoption: December 2022

Proposed date of entry into force: December 2022

Final date for comments: 40 days from notification

Full texts: Korea WTO TBT Enquiry Point, Technical Barriers to Trade (TBT) Division, Korean Agency for Technology and Standards (KATS), 93 Isu-ro Maengdong-myeon Eumseong-gun Chungchungbuk-do
Tel: +(82) 43 870 5521, Fax: +(82) 43 870 5682, Email: tbt@korea.kr, website: <http://www.knowtbt.kr>
https://members.wto.org/crattachments/2022/TBT/KOR/22_4759_00_x.pdf
https://members.wto.org/crattachments/2022/TBT/KOR/22_4759_01_x.pdf

The separate customs territory of Taiwan, Penghu, Kinmen, and Matsu G/TBT/N/TPKM/498

Date issued: 21 July 2022

Agency responsible: Bureau of Standards, Metrology and Inspection (BSM)

National inquiry point: Ministry of Economic Affairs

Products covered: Single loudspeakers, mounted in their enclosures (HS code(s): 851821); Multiple loudspeakers, mounted in the same enclosure (HS code(s): 851822); Audio-frequency

electric amplifiers (HS code(s): 851840); Electric sound amplifier sets (HS code(s): 851850); Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment (HS code(s): 851920); Turntables (record-decks) (HS code(s): 851930); Other apparatus : (HS code(s): 85198); Other apparatus combined with sound recording or reproducing apparatus (HS code(s): 852713); Other (HS code(s): 852719); Radio broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles: (HS code(s): 85272); Other: (HS code(s): 85279)

Title: Proposal for Amendments to the Legal Inspection Requirements for Audio and Video Equipment; (9 page(s), in Chinese), (7 page(s), in English)

Description of content: The BSMI proposes to adopt CNS 15598-1:2020 and CNS15936:2016 as the inspection standards for audio and video equipment to ensure the safety of consumers. For the video recording or reproducing apparatus, the standard to be adopted contains volume limits requirements to protect consumers from hearing loss.

Objective: Protection of human health or safety

Relevant documents: The Commodity Inspection Act; CNS 15936:2016; CNS 15598-1:2020; CNS 15663:2013 Section 5 "Marking of Presence"

Proposed date of adoption: To be determined

Proposed date of entry into force: 01 January 2025

Final date for comments: 60 days from notification

Full texts: Bureau of Standards, Metrology and Inspection; Ministry of Economic Affairs, No. 4 , Sec. 1, Jinan Rd., Zhongzheng Dist. Taipei City 100, Taiwan. Tel: +(886-2) 23431916, Fax: +(886 2) 2343 1804,

Email: tbtenq@bsmi.gov.tw

https://members.wto.org/crattachments/2022/TBT/TPKM/22_4836_00_x.pdf

https://members.wto.org/crattachments/2022/TBT/TPKM/22_4836_00_e.pdf

The above notices were culled from the 96 Technical Barrier to Trade notices posted since 18 July 2022 on the recently launched ePing platform (<https://epingalert.org/>). Visitors may use ePing without registering to browse notifications on past as well as new draft and updated product regulations. The ePing website is active now and is available in English, French, and Spanish.

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 21 August 2022

BSR/ASHRAE Addendum 62.1e-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

Section 5.10 of ASHRAE Standard 62.1-2019 now instructs designers of ventilation systems to provide equipment and controls that limit the indoor air dew point to a maximum of 60°F (15°C) during both occupied and unoccupied mode operation. However, the dampness and mold problem sometimes also occurs in buildings cooled by direct evaporation into the supply air. At present, Std 62.1 does not address these risks. In light of that concern, the 62.1 committee is considering the most appropriate way for designers to limit humidity in buildings and spaces served by direct evaporative cooling equipment. Limiting the indoor RH rather than the dew point would be a more energy-appropriate strategy. Proposed Addendum e adds a new Section 5.11 for direct evaporatively cooled buildings. The full changes can be viewed by clicking to PDF page 76 in ANSI's Standards Action edition 5329.

Send comments (copy psa@ansi.org) to: Online Comment Database at

<https://www.ashrae.org/technicalresources/standards-and-guidelines/public-review-drafts>

BSR/ASHRAE Addendum 62.1L-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

This proposed addendum seeks to address emerging UV technologies that are capable of emitting specific wavelengths of light near to the current 185 nm restriction that also produce ozone. The specific requirement is based on the ASHRAE Position Document on Filtration and Air Cleaning, which indicates that lamps that produce ozone are broadly categorized as those that emit wavelengths less than 200 nm. Definitions of listed and labeled

have also been provided to clarify that any national testing laboratory that lists and labels products may certify the performance to a listed standard, this includes not just UL-2998, but all other standards listed within the document. The full changes can be viewed by clicking to PDF page 79 in ANSI's Standards Action edition 5329. **Send comments (copy psa@ansi.org) to:** Online Comment Database at <https://www.ashrae.org/technicalresources/standards-and-guidelines/public-review-drafts>

BSR/ASHRAE Addendum 62.1m-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

Healthcare facilities often have a mixture of spaces within the scope of Standard 170 and Standard 62.1. Section 6.2.4.1.3 created a conflict with ASHRAE/ASHE Standard 170 since it required the application of diversity and ventilation efficiency to healthcare. In addition, there was no clear direction in Standards 62.1 and 170 on how to calculate the total outdoor air at the system levels for systems serving both 170 and 62.1 spaces. A working group of members from both SSPC170 and SSPC62.1 investigate the use of 4 possible calculations methods and selected the most appropriate method which was tested on 14 actual healthcare projects. The method was issued in Addendum f of Standard 170. This proposed addendum is issued in conjunction to allow this new method under Standard 62.1.

The full changes can be viewed by clicking to PDF page 82 in ANSI's Standards Action edition 5329.

Send comments (copy psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technicalresources/standards-and-guidelines/public-review-drafts>

BSR/ASHRAE Addendum 62.1n-202x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

This proposed addendum adds a new Section 6.3.4 Air Cleaning. The Indoor Air Quality procedure (IAQP) requires that a mass balance calculation be performed. Any mass balance that includes filtration or air cleaning requires a particle filtration efficiency or gaseous removal efficiency. This proposed addendum requires that the efficiencies of these devices be tested to current standards. However, with no specific testing requirements, there is no assurance that designs will work. The full changes can be viewed by clicking to PDF page 84 in ANSI's Standards Action edition 5329.

Send comments (copy psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technicalresources/standards-and-guidelines/public-review-drafts>

BSR/ASHRAE Addendum ag to BSR/ASHRAE Standard 34-202x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

This proposed addendum revises the submission instructions to remove the requirement for applications for designation and safety classification of refrigerants to be submitted in print format, and clarifies that applications are to be submitted in electronic format only.

The full changes can be viewed by clicking to PDF page 84 in ANSI's Standards Action edition 5329.

Send comments (copy psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technicalresources/standards-and-guidelines/public-review-drafts>

BSR/ASHRAE/IES Addendum cy to ANSI/ASHRAE/IES Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

This addendum updates the reference to Standard 90.4, Energy Standard for Data Centers, to reflect the latest publication. The full changes can be viewed by clicking to PDF page 91 in ANSI's Standards Action edition 5329.

Send comments (copy psa@ansi.org) to: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

Due 05 September 2022

BSR/AWS D1.3/D1.3M-202x, Structural Welding Code-Sheet Steel (revision of ANSI/AWS D1.3/D1.3M-2018)

This code covers the requirements associated with welding sheet steel having a minimum specified yield point no greater than 80 ksi [550 MPa]. The code requirements cover any welded joint made from the commonly used structural quality low-carbon hot rolled and cold rolled sheet and strip steel with or without zinc coating (galvanized). Clause 1 includes general provisions, Clause 4 design, Clause 5 prequalification, Clause 6 qualification, Clause 7 fabrication, and Clause 8 inspection.

Single copy price: \$56.50 AWS member, \$75.50 non-member
Obtain an electronic copy from: jmolin@aws.org

Order from: Jennifer Molin, jmolin@aws.org
Send comments (copy psa@ansi.org) to: Same

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 21 August 2022

C22.2 NO. 62841-2-3, [Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders \(Amendment\)](#)

Contact: leonard.letea@csagroup.org

Due 27 August 2022

C22.2 NO. 158 - [Terminal blocks \(New Edition\)](#)

Contact: george.matuvi@csagroup.org

ETSI public review announcements

Due 05 August 2022

EN 302 208, Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard for access to radio spectrum. Contact Mr. David Donachie, daviddonachie@ofcom.org.uk

Due 13 August 2022

EN 300 132-2 Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC) Contact Mr. David Donachie, daviddonachie@ofcom.org.uk

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.

Announced 22 July 2022

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

Connor Barbaree; CBarbaree@ashrae.org | 180 Technology Parkway | Peachtree Corners, GA 30092;
www.ashrae.org.

BSR/ASHRAE Standard 145.4-202x, Method of Test for Assessing the Gas-Phase Performance of Air Cleaning Devices and Systems in a Duct-Chamber Apparatus (new standard)

Stakeholders: Testing labs, air cleaner manufacturers, engineers specifying filters and customers

Project Need: To establish a method of test for a combination chamber and duct system with recirculation that would fill the existing gap between chamber only draw down tests and single pass duct tests. Recirculation through a duct-chamber system has more similarities with building HVAC systems and would provide a test more representative of many real-world installations.

Interest Categories: User, Producer and General

Scope: To provide a laboratory test method for evaluating air cleaning devices for challenge gas removal in a combined duct-chamber system with continuous recirculation.

BSR/ASHRAE Standard 185.5-202x, Method of Testing HVAC-duct mounted Devices and Systems and In-Room devices for Particle and Microorganism Removal or Inactivation in a Chamber with a Recirculating Duct System (new standard)

Stakeholders: Consumers, design engineers, facility owners/operators, IAQ and energy use professionals

Project Need: There is no standard to address HVAC duct-mounted devices that need the chamber time or in-room devices that need HVAC airflow. In addition, intended species and byproducts introduced to the air are rarely measured. This proposed MOT will complement the existing tests and the one in the works, 185.3P, and should give all current devices at least one test method to use to show efficacy.

Interest Categories: User, Producer and General

Scope: The standard provides a method of test for evaluating in-room HVAC-duct mounted devices and in-room devices and systems for particle and microorganism removal or inactivation in a chamber with a recirculating duct system.

BSR/NEMA 61131-6-202x, Programmable Controllers (PLC) - Part 6: for Functional Safety (identical national adoption of IEC 61131-6-2012)

Stakeholders: PLC Manufacturers, Systems Integrators, Advanced Manufacturing.

Project Need: This project is needed to adopt IEC 61131-6-2012 as an standard.

Interest Categories: Producer, User, and General Interest

Scope: This Part of the IEC 61131 series specifies requirements for programmable controllers (PLCs) and their associated peripherals, as defined in Part 1, which are intended to be used as the logic subsystem of an electrical/electronic/programmable electronic (E/E/PE) safety-related system. A programmable controller and its associated peripherals complying with the requirements of this part is considered suitable for use in an E/E/PE safety-related system and is identified as a functional safety programmable logic controller (FS-PLC). An FS-PLC is generally a hardware (HW) / software (SW) subsystem. An FS-PLC may also include software elements, for example predefined function blocks.

BSR/NEMA 61131-9-202x, Programmable Controllers (PLC) - Part 9: SingleDrop Communication Interface for Small Sensors and Actuators (identical national adoption of IEC 61131-9-2013)

Stakeholders: PLC Manufacturers, Systems Integrators, Advanced Manufacturing.

Project Need: This project is needed to adopt IEC 61131-9 2013 Programmable Controllers (PLC) - Part 9: Single Drop Communication Interface for Small Sensors and Actuators, as an standard.

Interest Categories: Producer, User, and General Interest

Scope: This part of IEC 61131 specifies a single-drop digital communication interface technology for small sensors and actuators SDCI (commonly known as IO-Links), which extends the traditional digital input and digital output interfaces as defined in IEC 61131-2 towards a point-to-point communication link. This technology enables the transfer of parameters to Devices and the delivery of diagnostic information from the Devices to the automation system. This technology is mainly intended for use with simple sensors and actuators in factory automation, which include small and cost-effective microcontrollers. This part specifies the SDCI communication services and protocol (physical layer, data link layer and application layer in accordance with the ISO/OSI reference model) for both SDCI Masters and Devices. This part also includes EMC test requirements. This part does not cover communication interfaces or systems incorporating multiple point or multiple drop linkages, or integration of SDCI into higher level systems such as fieldbuses.

BSR OEOSC ISO 9211-202x, Optics and Electro-Optical Instruments - Optical coatings - Part 4: Specific test methods: abrasion, adhesion and resistance to water (identical national adoption of ISO 9211-4:2022)

Stakeholders: Designers, manufacturers, and users of optical components and optical systems.

Project Need: Standardized drawings of optical elements and systems improve the quality of communication between suppliers and customers.

Interest Categories: User, Producer, General Interest

Scope: This document is a part of the ISO 9211 series of technical drawing standards for surface treatments of optics and test methods. It describes specific test methods of abrasion, adhesion, and resistance to water for coating environmental durability tests that are identified in ISO 9211-3 but not described in other normative references.

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 really ever finished.

ANSI/IES RP-6-2022, Recommended Practice: Lighting Sports and Recreational Areas - Bullpen Lighting
(revision of ANSI/IES RP-6-2020)
Final Action Date: 7/11/2022

INCITS 542-2022, Information technology - Automation/Drive Interface Transport Protocol - 3 (ADT-3) (new standard)
Final Action Date: 7/11/2022

ANSI C78.1430-1997 (S2022), Electric Lamps - Slide Projector Lamps, Condensing, Dichroic, 1.65-in. (42 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1430-1997 (R2016))
Final Action Date: 7/18/2022

ANSI C78.1431-1997 (S2022), Electric Lamps - Slide Projector Lamps, Condensing, Dichroic, Two-inch (51 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GY 5.3 Bases (stabilized maintenance of ANSI C78.1431-1997 (R2016))
Final Action Date: 7/18/2022

ANSI OEOSC ISO 10110-18-2022, Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part 18: Stress birefringence, bubbles and inclusions, homogeneity, and striae (identical national adoption of ISO 10110-18:2018)
Final Action Date: 7/14/2022

ANSI OEOSC ISO 10110-5-2022, Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part 5: Surface form tolerances (identical national adoption of ISO 10110-5:2015 and revision of ANSI/OEOSC OP1.0110-5:2015)
Final Action Date: 7/14/2022

ANSI OEOSC ISO 10110-8-2022, Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part 8: Surface texture (identical national adoption of ISO 10110-8:2019 and revision of ANSI/OEOSC OP1.0110-8-2014)
Final Action Date: 7/14/2022

ANSI/TIA 568.4-E-2022, Broadband Coaxial Cabling and Components Standard (revision and redesignation of ANSI/TIA 568.4-D-2017)
Final Action Date: 7/11/2022

ANSI/UL 1029-2012 (R2022), Standard for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012 (R2017))
Final Action Date: 7/15/2022

ANSI/UL 60730-2-3-2013 (R2022), Standard for Safety for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps (reaffirmation of ANSI/UL 60730-2-3-2013 (R2017))
Final Action Date: 7/15/2022

ANSI/UL 62841-2-4-2017 (R2022), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety – Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation and redesignation of ANSI/UL 62841-2-4-2017)
Final Action Date: 7/15/2022

ANSI/UL 1008-2022, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2018)
Final Action Date: 7/13/2022

ANSI/UL 1472-2022, Standard for Safety for Solid-State Dimming Controls (revision of ANSI/UL 1472-2020)

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.) Some of the due dates are in the past, but the dates shown are what were given.

IEC documents for comment

48B/2978/NP, PNW 48B-2978 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 61076 8 XXX: Power connectors Detail specification for 2P power plus 2P signal plastic housing rectangular shielded connectors with 300A rated current and IP68/IPXXB degree of protection, 10/07/2022

48B/2979/NP, PNW 48B-2979 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-XXX: Power connectors - Detail specification for 3-pole snap locking waterproof rectangular connectors with plastic housing for rated current of 20A, 10/07/2022

48B/2980/NP, PNW 48B-2980 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 8-XXX: Power connectors - Detail specification for 2-pole snap locking waterproof rectangular connectors with plastic housing for rated current of 50 A, 10/07/2022

100/3798(F)/FDIS, IEC 63207 ED1: Measurement methods of blue light characteristics and related optical performance for visual display terminals, 08/19/2022 **48B/2976/FDIS, IEC 60512-27-200 ED1:** Connectors for electrical and electronic equipment - Tests and measurements - Part 27-200: Additional specifications for signal integrity tests up to 2 000 MHz on IEC 60603-7 series connectors - Tests 27a to 27g, 08/26/2022

86A/2214/CDV, IEC 60794-1-306 ED1: Optical fibre cables – Part 1-306: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon torsion, Method G6, 10/07/2022

86A/2215/CDV, IEC 60794-1-308 ED1: Optical fibre cables – Part 1-308: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon residual twist test, G8, 10/07/2022

86A/2223/CD, IEC 60974-1-111 ED1: Optical fibre cables – Part 1-111: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Bend, method E11, 10/07/2022

86B/4641/FDIS, IEC 61300-2-5 ED4: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion, 08/26/2022

86B/4642/FDIS, IEC 61755-1 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces for single-mode fibres - Part 1: Optical interfaces for dispersion unshifted fibres - General and guidance, 08/26/2022

86B/4640/FDIS, IEC 61755-2-2 ED2: Fibre optic interconnecting devices and passive components - Connector optical interfaces for single-mode fibres - Part 2-2: Connection parameters of dispersion unshifted physically contacting fibres – Angled, 08/26/2022

110/1445/DTR, IEC TR 62595-1-5 ED1: Display lighting unit - Part 1-5: Electrical signal interface of LED BLU, 09/09/2022

34A/2291/FDIS, IEC 63286 ED1: Flexible organic light emitting diode (OLED) panels for general lighting – Performance requirements, 08/26/2022

121A/505/CDV, IEC 61095 ED3: Electromechanical contactors for household and similar purposes, 10/07/2022

121B/159/CDV, IEC 61439-3 ED2: Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO), 10/07/2022

78/1397(F)/FDIS, IEC 62819 ED1: Live working - Eye, face and head protectors against the effects of electric arc – Performance requirements and test methods, 08/12/2022

ISO documents for comment

ISO/DIS 24354, General Requirements of Civil Small and Light Unmanned Aircraft System Payload Interface – 9/30/2022, \$40.00

ISO/FDIS 23618, Bases for design of structures – General principles on seismically isolated structures – 5/23/2021 [sic], \$119.00

ISO/DIS 5091-1, Structural intervention of existing concrete structures using cementitious materials - Part 1: General principles – 5/19/2022 [sic], \$93.00

ISO/DIS 20685-2, Ergonomics - 3-D scanning methodologies for internationally compatible anthropometric databases - Part 2: Evaluation protocol of surface shape and repeatability of relative landmark positions - 10/1/2022, \$77.00

ISO/FDIS 12238, Pneumatic fluid power - Directional control valves - Measurement of shifting time - 9/4/2021, \$67.00

ISO/DIS 4773, Non-destructive testing - Ultrasonic guided wave testing using the phased array technique - 10/1/2022, \$67.00

ISO/DIS 4624, Paints and varnishes - Pull-off test for adhesion - 9/29/2022, \$58.00

ISO/DIS 4628-10, Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 10: Assessment of degree of filiform corrosion - 9/29/2022, \$40.00

ISO/DIS 4383, Plain bearings - Multilayer materials for thin-walled plain bearings – 5/15/2022 [sic], \$53.00

ISO/DIS 2113, Reinforcement fibres - Woven fabrics - Requirements and specifications – 5/14/2022 [sic], \$46.00

ISO/DIS 15611, Specification and qualification of welding procedures for metallic materials - Qualification based on previous welding experience – 5/19/2022 [sic], \$33.00

ISO/DIS 17663, Welding - Quality requirements for heat treatment in connection with welding and allied processes - 5/14/2022 [sic], \$58.00

ISO/DIS 25980, Health and safety in welding and allied processes - Transparent welding curtains, strips and screens for arc welding processes – 5/16/2022 [sic], \$67.00

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 12006-3:2022, Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information, \$200.00

ISO 22863-11:2022, Fireworks - Test methods for determination of specific chemical substances - Part 11: Phosphorus content by inductively coupled plasma optical emission spectrometry (ICP-OES), \$48.00

IEC 62314 Ed. 2.0 b:2022, Solid-state relays – Safety requirements, \$354.00

IEC 61753-051-02 Ed. 1.0 b:2022, Fibre optic interconnecting devices and passive components - Performance standard – Part 051-02: Plug-receptacle style single-mode fibre fixed optical attenuators for category C - Controlled environments, \$89.00

IEC 62271-100 Ed. 3.0 b Cor.2:2022, Corrigendum 2 – High voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers, \$0.00

IEC/TR 60825-3 Ed. 3.0 en:2022, Safety of laser products – Part 3: Guidance for laser displays and shows, \$259.00

IEC/TR 63161 Ed. 1.0 en:2022, Assignment of a safety integrity requirements - Basic rationale, \$310.00

988 Suicide and Crisis Lifeline

“988” is now the three-digit, nationwide phone number to connect directly to the 988 Suicide and Crisis Lifeline. By calling or texting 988, you’ll connect with mental health professionals with the 988 Suicide and Crisis Lifeline, formerly known as the National Suicide Prevention Lifeline. Veterans can press “1” after dialing 988 to connect directly to the Veterans Crisis Lifeline which serves our nation’s Veterans, service members, National Guard and Reserve members, and those who support them. For texts, Veterans should continue to text the Veterans Crisis Lifeline short code: 838255. To learn more about the Substance Abuse & Mental Health Services Administration’s 988 resources and information to help spread the word, visit: <https://www.samhsa.gov/find-help/988>.

HSE safety notice: Ear loop respirators

HSE Bulletin number EPD1-2022, Ear loop respirators/masks do not provide protection as tight fitting RPE. The complete bulletin text can be found at <https://www.hse.gov.uk/safetybulletins/ear-loop-respirators.htm>.

The heat is on: Resources for heat safety

The world is experiencing some of the hottest summers to-date, which increase risk from heat-related illness and injuries. The following organizations provide tips and resources to help ensure you’re protected. By the way, did you know that ESTA is a [NOAA Weather-Ready Nation Ambassador](#)?

NOAA/National Weather Service

The best place to start looking for resources and safety tips for all weather hazards is at the [National Weather Service Safety Tips landing page](#).

OSHA resources and workplace safety

OSHA’s [Heat Illness Prevention landing page](#) is also a great place to find general education, workplace safety tips, and employer responsibilities.

HSE resources and workplace safety

Britain’s Health and Safety Executive (HSE) recently issued a press release, [Extreme heat: What are my rights at work?](#), which gives an excellent overview of the current guidelines, rules and regulations en force.

ESTA Standards Watch

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If you would like to receive an email notice each time a new edition of *Standards Watch* is published, send a request to standards@esta.org. The archive of *Standards Watch* issues back to the beginning of 2011 is available at <http://estalink.us/nn7a1>.

TSP meeting schedule

The following meetings are scheduled for 15-18 September at the Marriott D/FW Westlake in Westlake, Texas, with attendance being in-person and via WebEx. Visit <https://www.esta.org/ESTA/meetings.php> for details.

Control Protocols Working Group	09:00 – 13:00 CDT	Saturday 17 September
CPWG Plugfest	09:00 – 23:00 CDT	Friday 16 September
CPWG Plugfest	09:00 – 23:00 CDT	Saturday 17 September
CPWG Plugfest	09:00 – 23:00 CDT	Sunday 18 September
Electrical Power Working Group	19:00 – 23:00 CDT	Friday 16 September
Event Safety Working Group	14:00 – 18:00 CDT	Saturday 17 September
Floors Working Group	09:00 – 13:00 CDT	Friday 16 September
Fog & Smoke Working Group	14:00 – 18:00 CDT	Thursday 15 September
Followspot Positions Working Group	16:00 – 18:00 CDT	Friday 16 September
Rigging Working Group	19:00 – 23:00 CDT	Saturday 17 September
Stage Machinery Working Group	19:00 – 23:00 CDT	Thursday 15 September
Technical Standards Council	09:00 – 13:00 CDT	Sunday 18 September

The Photometrics Working Group will meet the following week via WebEx.

Photometrics Working Group	19:00 – 22:00 EDT	Thursday 22 September
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Plugfest returns to Dallas!

At last, Plugfest returns to Dallas, TX during ESTA's Fall meetings, held from 15-18 September at the Marriott D/FW Westlake, in Westlake, TX - the same place previously known as the Marriott D/FW Solana, now rebranded, and soon to be made even more exciting by the return of Plugfest 2022! The TSP meeting schedule is listed above. The hotel room block is limited, so the most important action item is to visit the online meeting schedule page, and click the link at the top of the page to reserve your hotel room. Learn more about Plugfest at <https://tsp.esta.org/tsp/news/plugfest.html>.

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