



# Technical Standards Program

## ESTA Standards Watch

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### A quartet of ESTA standards in public review

Four ESTA standards—three new and one reaffirmation—are available for public review and comment on the ESTA website at <http://estalink.us/pr>. The downloads are free. Comments on three are due before 4 April 2023, the other before 25 April.

**BSR E1.14, Entertainment Technology - Recommendations for Inclusions in Fog Equipment Manuals**, is a project to reaffirm the existing standard. The standard applies to the instruction manuals for fog-making equipment manufactured for use in the entertainment industry. The standard was written to address concerns from ESTA dealers who were selling equipment with manuals that essentially said, “Fill with fluid. Plug in. Wait for light to go out. Make fog!” That’s seriously deficient. Fog users must have some general knowledge of the technology, have a clear understanding of how to operate the fog system, and be aware of the potential hazards related to the use of fog and fog systems. This standard establishes guidelines for manufacturers to provide the user with the necessary information for the safe and responsible use of fog equipment. This public review is to identify errors or serious omissions. Comments are due no later than 3 April. April 4 will be a day too late!

**BSR E1.72, Powered Floor Machinery**, establishes requirements for the design, manufacture, installation, inspection, operation, and maintenance of powered Stage Floor Machinery for performance, presentation, and theatrical production. It covers the machinery, mechanisms, machine safety devices, and control interface requirements for equipment and systems, installed permanently or temporarily. A non-exhaustive list of examples would include wagons, turntables, treadmills, slip stages, and trap covers. This draft reflects changes made as a result of the first public review comments. Comments also are due no later than 3 April.

The next two draft standards in public review are projects in the Event Safety Working Group, a working group formed in partnership with the Event Safety Alliance to update chapters from the *Event Safety Guide* and turn them into American National Standards. As American National Standards, it will be harder for people in charge of event management to ignore their good advice with the defense “Who knew?” when things go wrong.

**BSR ES1.17, Electrical Safety & Lighting**, applies to the application, assessment, and documentation of safe electrical working practices during the installation, event performance, and dismantling of event electrical systems and equipment. This includes the identification and assessment of specific event electrical hazards and the potential impacts of unsafe electrical working practices. Comments also are due no later than 3 April.

**BSR ES1.2, Event Safety - Planning, Management, and Major Incident**, describes a process for event organizers and supporting staff to create and implement event-related plans for health and safety management. This process includes a framework, guidelines, and recommended practices that can be used to reduce risk as much as reasonably practical and to respond appropriately when an incident occurs. Comments are due no later than 24 April 2023. The 25th is too late. Plan ahead to comment on planning!

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## Funding to offset energy costs for German cultural institutions

On 25 January 2023, the Budget Committee of the German Bundestag approved a plan for the Federal Government's Cultural Fund Energy to support the energy costs for cultural institutions, cultural education institutions, and cultural event organizers. A total of one billion euros is available from 1 January 2023 to 30 April 2024. For more information on who is eligible and how to apply, visit [the Cultural Fund \(Kulturfonds Energie\) website](#).

The Ministry of Culture and Science NRW explained who is eligible to apply and what is considered an object of funding at an informational meeting in mid-February. [A PDF of the the Power Point presentation is available on-line](#).

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## WTO Technical Barrier to Trade notifications

The World Trade Organization has announced a Technical Barrier to Trade filing 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.

### United States of America Notification USA/1968

**Date issued:** 2 March 2023

**Agency responsible:** Federal Communications Commission

**National inquiry point:** [usatbtep@nist.gov](mailto:usatbtep@nist.gov)

**Products covered:** Public safety communications; Domestic safety; Radiocommunications

**Title:** Improving Public Safety Communications in the 4.9 GHz Band (4 pages in English)

**Description of content:** Proposed rule - In this document, the Federal Communications Commission (FCC) seeks comment on the details of implementing a new leasing model for the 4.9 GHz (4940-4990 MHz) band to achieve its goals of allowing robust locally controlled public safety operations while ensuring consistent, nationwide rules that promote overall spectral efficiency, foster innovation, and drive down equipment costs. This is a summary of Commission's Ninth Further Notice in WP Docket No. 07-100; FCC 23-3, adopted and released on 18 January 2023.

**Objective and rationale:** Consumer information, labelling; Cost saving and productivity enhancement

Relevant documents: Relevant documents:

88 Federal Register (FR) 12637, 28 February 2023; Title 47 Code of Federal Regulations (CFR) Part 90:  
<https://www.govinfo.gov/content/pkg/FR-2023-02-28/pdf/2023-02611.pdf>

Improving Public Safety Communications in the 4.9 GHz Band, Final Rule published 28 February 2023:  
<https://www.govinfo.gov/content/pkg/FR-2023-02-28/pdf/2023-02597.pdf>

<https://docs.fcc.gov/public/attachments/FCC-23-3A1.pdf>

The proposed and final rules are identified by Docket Number 07-100. The Docket Folder is available on the FCC's website at <https://www.fcc.gov/edocs/search-results?t=quick&dockets=07-100> and provides access to associated documents as well as comments received (if any).

**Proposed date of adoption:** 30 March 2023

**Proposed date of entry into force:** 30 March 2023

**Final date for comments:** 30 March 2023

**Full text:** <https://docs.fcc.gov/public/attachments/FCC-23-3A1.pdf>

[https://members.wto.org/crattachments/2023/TBT/USA/23\\_1409\\_00\\_e.pdf](https://members.wto.org/crattachments/2023/TBT/USA/23_1409_00_e.pdf)

#### **Brazil Notification BRA/1477**

**Date issued:** 3 March 2023

**Agency responsible:** National Telecommunications Agency - ANATEL

**National inquiry point:** [barreirastecnicas@inmetro.gov.br](mailto:barreirastecnicas@inmetro.gov.br); [www.inmetro.gov.br/barreirastecnicas](http://www.inmetro.gov.br/barreirastecnicas)

**Products covered:** electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles; telecommunications. audio and video engineering

**Title:** Public Consultation 10, 16 February 2023 (7 pages in Portuguese)

**Description of content:** Public Consultation proposal for updating the requirements for evaluating the conformity of electromagnetic compatibility in products.

**Objective and rationale:** Establish electromagnetic compatibility requirements to be met for telecommunication products Conformity Assessment regulated by National Telecommunications Agency - Anatel.

**Proposed date of adoption:** To be determined

**Proposed date of entry into force:** To be determined

**Final date for comments:** 29 April 2023,

**Relevant documents:** <https://www.in.gov.br/web/dou/-/consulta-publica-n-10-de-16-de-fevereiro-de-2023-466793711>

[https://sei.anatel.gov.br/sei/modulos/pesquisa/md\\_pesq\\_processo\\_exibir.php?](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?exlsiWoPbTSMJNP15y_TiUpWifXjgqaCc-xbh3o0V5ttS0uQqIkRDNDdsrlbDPN0z9DjOh_HT6NYS_BYkN5mlOxDRrbjXa5Fk8NNCf1wREj1nIO_EICOcb9nXh3PyLg5)

[exlsiWoPbTSMJNP15y\\_TiUpWifXjgqaCc-](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?exlsiWoPbTSMJNP15y_TiUpWifXjgqaCc-xbh3o0V5ttS0uQqIkRDNDdsrlbDPN0z9DjOh_HT6NYS_BYkN5mlOxDRrbjXa5Fk8NNCf1wREj1nIO_EICOcb9nXh3PyLg5)

[xbh3o0V5ttS0uQqIkRDNDdsrlbDPN0z9DjOh\\_HT6NYS\\_BYkN5mlOxDRrbjXa5Fk8NNCf1wREj1nIO\\_EICOcb9nXh3PyLg5](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?exlsiWoPbTSMJNP15y_TiUpWifXjgqaCc-xbh3o0V5ttS0uQqIkRDNDdsrlbDPN0z9DjOh_HT6NYS_BYkN5mlOxDRrbjXa5Fk8NNCf1wREj1nIO_EICOcb9nXh3PyLg5)

**Proposed date of adoption:** To be determined

**Proposed date of entry into force:** To be determined

**Final date for comments:** 29 April 2023

Comments should be sent to the Brazilian TBT Enquiry Point ([barreirastecnicas@inmetro.gov.br](mailto:barreirastecnicas@inmetro.gov.br)) and copied to [certificacao@anatel.gov.br](mailto:certificacao@anatel.gov.br)

<https://apps.anatel.gov.br/ParticipaAnatel/Home.aspx>

#### **Mexico Notification MEX/518**

**Date issued:** 3 March 2023

**Agency responsible:** Secretary of the Navy, the Railroad Transportation Regulatory Agency, the Federal Civil Aviation Agency

**Products covered:** dangerous goods

**Title:** Proyecto de Norma Oficial Mexicana PROY-NOM-003-SCT-SEMAR-ARTF-2021, Marcado y etiquetado de bultos que contienen mercancías peligrosas. [Labeling and marking of transport units and bulk containers transporting dangerous goods] (41 pages in Spanish)

**Description of content:** This Mexican Official Standard establishes the characteristics, dimensions, symbols and colors of the marking, labeling and placards that packages, transport units, intermediate bulk containers and bulk containers, tank trucks and other motor transport and railroad units must carry to identify the class of danger they represent during the handling and transportation of dangerous goods.

**Objective and rationale:** Prevention of misleading practices and consumer protection; Protection of human health or safety; Protection of the environment.

**Proposed date of adoption:** To be determined

**Proposed date of entry into force:** To be determined

**Final date for comments:** 60 days after notification, 2 May 2023

**Full text:** [https://www.dof.gob.mx/nota\\_detalle.php?codigo=5681333&fecha=02/03/2023#gsc.tab=0](https://www.dof.gob.mx/nota_detalle.php?codigo=5681333&fecha=02/03/2023#gsc.tab=0)

[https://members.wto.org/crattachments/2023/TBT/MEX/23\\_1518\\_00\\_s.pdf](https://members.wto.org/crattachments/2023/TBT/MEX/23_1518_00_s.pdf)

## European Union Notification EU/953

**Date issued:** 27 February 2023

**Agency responsible:** European Commission

**National inquiry point:** [grow-eu-tbt@ec.europa.eu](mailto:grow-eu-tbt@ec.europa.eu), <http://ec.europa.eu/growth/tools-databases/tbt/en/>

### Products covered:

- 3923 Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics,
- 4819 packaging made of paper and cardboard,
- 7010 Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods, preserving jars, stoppers, lids and other closures, of glass,
- 4415 Packing cases, boxes, crates, drums and similar packing of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; pallet collars of wood,
- 6305 Sacks and bags, of a kind used for the packing of goods, of all types of textile materials
- 8309 Stoppers, caps and lids, incl. crown corks, screw caps and pouring stoppers, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories
- 4416 Casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood, including staves
- Ex 6909 Ceramic wares for laboratory, chemical or other technical uses; ceramic troughs, tubs and similar receptacles of a kind used in agriculture; ceramic pots, jars and similar articles of a kind used for the conveyance or packaging of goods
- 7310 Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment
- 7311 Containers for compressed or liquefied gas, of iron or steel
- 7612 Aluminium casks, drums, cans, boxes and similar containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquefied gas), of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment
- 7613 Aluminium containers for compressed or liquefied gas

According to the Explanatory Notes of the Harmonized System of the WCO, reservoirs, vats, drums and similar containers, not fitted with mechanical or thermal equipment are included in the following headings as well:

- Ex 7419 Other articles of copper
- Ex 7508 Other articles of nickel
- Ex 7907 Other articles of zinc
- Ex 8007 Other articles of tin
- Ex 8104 Magnesium and articles thereof, including waste and scrap
- Ex 3919, Ex 3920, Ex 3921 – wrappings if made of plastics
- Ex 4804, Ex 4805, Ex 4808, Ex 4813, Ex 4823 – wrappings if made of paper
- 6306 12 and 6306 19 – tarpaulins

**Title:** Proposal for a Regulation of the European Parliament and of the Council on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904 and repealing Directive 94/62/EC (COM(2022) 677 final) (118 page in English), (Annex - 36 page in English)

**Description of content:** This draft Regulation of the European Parliament and of the Council on packaging and packaging waste aims to harmonise the rules for placing packaging on the EU market while fostering packaging sustainability and circularity. It lays down sustainability requirements for placing packaging on the EU market related to its composition, design with the view to packaging minimisation, recyclability, use of secondary raw materials in plastic packaging, compostability and requirements on reusable packaging. In order to reduce the generation of packaging waste, it restricts the use of some packaging formats and establishes obligations on economic operators and Member States, including packaging reuse and waste prevention targets. As regards recycling targets and the related rules on their calculation, it maintains obligations from the existing EU packaging legislation (European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste).

**Objective and rationale:** Prevention of the unsustainable use of resources, promotion of the circular economy; Protection of human health or safety; Protection of the environment

**Relevant documents:** European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste (OJ L 365 31.12.1994, p. 10) as last amended by Directive (EU) 2018/852 of the European Parliament and of the Council ([EUR-Lex - 01994L0062-20180704 - EN - EUR-Lex \(europa.eu\)](https://eur-lex.europa.eu/lexuri-CELEX-52022PC0677))

**Proposed date of adoption:** 2025

**Proposed date of entry into force:** 20 days from publication in the Official Journal of the EU

**Final date for comments:** 90 days from notification, 28 May 2023

**Full text:** The text is available on the EU-TBT Website : <http://ec.europa.eu/growth/tools-databases/tbt/en/>  
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52022PC0677>  
[https://members.wto.org/crnattachments/2023/TBT/EEC/23\\_1367\\_00\\_e.pdf](https://members.wto.org/crnattachments/2023/TBT/EEC/23_1367_00_e.pdf)  
[https://members.wto.org/crnattachments/2023/TBT/EEC/23\\_1367\\_01\\_e.pdf](https://members.wto.org/crnattachments/2023/TBT/EEC/23_1367_01_e.pdf)

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## 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](mailto:psa@ansi.org).

### Due 10 April 2023

#### **BSR/ASHRAE Standard 111-202x, Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation and Air-Conditioning Systems** (revision of ANSI/ASHRAE Standard 111-2008 (R2017))

This revision of ANSI/ASHRAE Standard 111-2008 provides uniform procedures for measurement, testing, adjusting, balancing, evaluating, and reporting the performance of building heating, ventilating, and air conditioning systems in the field.

Single copy price: \$35.00

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

#### **BSR/ASME BTH-1-202x, Design of Below-the-Hook Lifting Devices** (revision of ANSI/ASME BTH-1-2020)

This standard provides minimum structural, mechanical, and electrical design criteria for ASME B30.20, Below the-Hook Lifting Devices. The provisions in this standard apply to the design or modification of below-the-hook lifting devices. Compliance with requirements and criteria that may be unique to specialized industries and environments is outside the scope of this standard. Lifting devices designed to this standard shall comply with ASME B30.20, Below-the-Hook Lifting Devices. ASME B30.20 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of below-the-hook lifting devices. The provisions defined in this standard address the most common and broadly applicable aspects of the design of below-the-hook lifting devices. A qualified person shall determine the appropriate methods to be used to address design issues that are not explicitly covered in the standard so as to provide design factors and/or performance consistent with the intent of this standard.

Single copy price: Free

Obtain an electronic copy from <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to Elijah Dominguez <[domingueze@asme.org](mailto:domingueze@asme.org)>

#### **BSR/IES RP-46-202x, Recommended Practice: Supporting the Physiological and Behavioral Effects of Lighting in Interior Daytime Environments** (new standard)

This RP seeks to translate the circadian, neuroendocrine, and neurobehavioral responses to light, summarized as physiological responses, mediated by the intrinsically photosensitive retinal ganglion cells (ipRGCs) for application of white light in indoor interior daytime environments. This RP is designed for use in parallel with the many existing recommendations for lighting intended to optimize visual function. Lighting designers and practitioners should, therefore, continue to ensure that all designs provide sufficient light to meet visual requirements, after which the impact of lighting for physiological responses shall be considered.

Single copy price: \$25.00

Order from and send comments to Patricia McGillicuddy <[pmcgillicuddy@ies.org](mailto:pmcgillicuddy@ies.org)>

#### **BSR/NFPA 5000-202x, Building Construction and Safety Code** (revision of ANSI/NFPA 5000-2021)

The Code does not address features that solely affect economic loss to private property. The Code addresses those construction, protection, and occupancy features necessary to minimize danger to life and property.

Access and comment at [www.nfpa.org/5000Next](http://www.nfpa.org/5000Next)

**Due 17 April 2023**

**BSR/ASSP Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program** (revision and redesignation of ANSI/ASSE Z359.2-2017)

This standard establishes criteria and requirements for an employer's fall protection program including policies, responsibilities, training, survey and identification of fall hazards, procedures, controlling fall hazards, rescue planning, program implementation, incident investigation and evaluating program effectiveness.

Single copy price: \$150.00

Order from and send comments to [LBauerschmidt@assp.org](mailto:LBauerschmidt@assp.org)

**BSR/NFPA 70E-202x, Standard for Electrical Safety in the Workplace** (revision of ANSI/NFPA 70E-2021)

This standard addresses electrical safety-related work practices, safety-related maintenance requirements, and other administrative controls for employee workplaces that are necessary for the practical safeguarding of employees relative to the hazards associated with electrical energy during activities such as the installation, inspection, operation, maintenance, and demolition of electric conductors, electric equipment, signaling and communications conductors and equipment, and raceways. This standard also includes safe work practices for employees performing other work activities that can expose them to electrical hazards as well as safe work practices for the following: (1) Installation of conductors and equipment that connect to the supply of electricity (2) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings that are not an integral part of... [sic]

Access and offer comments at [www.nfpa.org/70eNext](http://www.nfpa.org/70eNext)

**BSR/NFPA 77-202x, Recommended Practice on Static Electricity** (revision of ANSI/NFPA 77-2019)

This recommended practice applies to the identification, assessment, and control of static electricity for purposes of preventing fires and explosions. This recommended practice does not apply directly to shock hazards from static electricity. However, application of the principles set forth in this recommended practice can reduce such shock hazards to personnel. This recommended practice does not apply to the prevention and control of static electricity in hospital operating rooms or in areas where flammable anesthetics are administered or handled. This recommended practice does not apply to lightning. This recommended practice does not apply to stray electrical currents or to induced currents from radio frequency (RF) energy. This recommended practice does not apply to fueling of motor vehicles, marine craft, or aircraft. This recommended practice does not apply to cleanrooms. This recommended practice does not apply to control of static electricity and static electricity hazards involved with electronic components, which have their own requirements.

Access and offer comments at [www.nfpa.org/77Next](http://www.nfpa.org/77Next)

**BSR/NFPA 101-202x, Life Safety Code** (revision of ANSI/NFPA 101-2021)

The following is a suggested procedure for determining the Code requirements for a building or structure: (1) Determine the occupancy classification by referring to the occupancy definitions in Chapter 6 and the occupancy Chapters 12 through 42. (See 6.1.14 for buildings with more than one use.) (2) Determine if the building or structure is new or existing. (See the definitions in Chapter 3.) (3) Determine the occupant load. (See 7.3.1.) (4) Determine the hazard of contents. (See Section 6.2.) (5) Refer to the applicable occupancy chapter of the Code, Chapters 12 through 42. [See Chapters 1 through 4 and Chapters 6 through 11, as needed, for general information (such as definitions) or as directed by the occupancy chapter.] (6) Determine the occupancy subclassification or special use condition, if any, by referring to Chapters 16 and 17, daycare occupancies; Chapters 18 and 19, health care occupancies; Chapters 22 and 23, detention and correctional occupancies; Chapters 28 and 29, hotels and dormitories; Chapters 32 and 33, residential board and care occupancies; Chapters 36 and 37, mercantile occupancies; and Chapter 40, industrial occupancies, which contain subclassifications or special use definitions. (7) Proceed through the applicable occupancy chapter to verify... [sic]

Access and offer comments at [www.nfpa.org/101Next](http://www.nfpa.org/101Next)

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## **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/NFPA 1300-202x, Standard on Community Risk Assessment and Community Risk Reduction Plan Development** (revision of ANSI/NFPA 1300-2020)

This standard shall have primary responsibility for requirements on the process to conduct a community risk assessment (CRA) and to develop, implement, and evaluate a community risk reduction (CRR) plan. Contact Dawn Michele Bellis <[dbellis@nfpa.org](mailto:dbellis@nfpa.org)>

**BSR/NFPA 1452-202x, Guide for Training Fire Service Personnel to Conduct Community Risk Reduction for Residential Occupancies** (revision of ANSI/NFPA 1452-2020)

The intent of this document is to provide fire department training officers or other fire service personnel with a guide for the establishment of a community fire safety program for dwellings. 1.1.1 To be effective and to adequately deal with local fire problems, the solution to a particular fire safety problem should be developed locally. This document is intended to be a basic guide to possible elements for inclusion in a locally developed program. 1.1.2 Because the majority of fire deaths occur in residential occupancies, it is essential that fire safety survey programs become an integral part of the total fire safety program in a community. This guide can be applied to both rural and urban communities. Principles contained in this document can be applied to single-family as well as multifamily dwellings, such as apartments, town houses, and condominiums, as local conditions dictate. 1.1.3 This document is not intended to be a training manual or a fire inspection manual, but rather to serve as a guide for establishing a locally prepared dwelling inspection program geared to address the specific problem(s) faced by the local fire service organization. By utilizing fire suppression personnel in this capacity, fire departments... [sic]

Contact Dawn Michele Bellis <[dbellis@nfpa.org](mailto:dbellis@nfpa.org)>

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## 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/CTA 2106-2023**, Characteristics and Requirements for Mental Health Technology Solutions (new standard), 23 February 2023

**ANSI/IAPMO UMC 1-2024**, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2021), 23 February 2023

**ANSI/IAPMO UPC 1-2024**, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2021), 23 February 2023

**ANSI/IES LM-83-2023**, Approved Method: Spatial Daylight Autonomy and Annual Sunlight Exposure (new standard), 16 February 2023

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## 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 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](mailto:isot@ansi.org)), and must be submitted electronically in the approved ISO template as a Word document. US comments on IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices ([tzertuche@ansi.org](mailto:tzertuche@ansi.org)). ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department, [sales@ansi.org](mailto:sales@ansi.org).

**ISO/DIS 7240-29**, Fire detection and alarm systems - Part 29: Video fire detectors, 4 May 2023, \$155.00

**ISO/DIS 59010**, Circular Economy — Guidance on the transition of business models and value networks, 8 May 2023, \$102.00

**ISO/DIS 21384-4**, Unmanned aircraft systems - Part 4: Vocabulary, 11 May 2023, \$82.00

**ISO/DIS 59020**, Circular economy - Measuring and assessing circularity, 12 May 2023, \$146.00

**ISO/DIS 16032**, Acoustics - Measurement of sound pressure level from service equipment or activities in buildings – Engineering method, 14 May 2023, \$82.00

**ISO/DIS 59004**, Circular Economy - Terminology, Principles and Guidance for Implementation, 18 May 2023, \$134.00

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## Recently published ISO & IEC documents

Listed here are documents recently approved by the ISO or IEC 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 60268-23 Ed. 1.0 b:2023**, Sound system equipment – Part 23: TVs and monitors - Loudspeaker systems, \$417.00

**IEC 61124 Ed. 4.0 b:2023**, Reliability testing - Compliance tests for constant failure rate and constant failure intensity, \$455.00

**IEC 62087-2 Ed. 2.0 b:2023**, Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media, \$259.00

**IEC 62087-3 Ed. 2.0 b:2023**, Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets, \$354.00

**IEC 62281 Amd.2 Ed. 4.0 b:2023**, Amendment 2 - Safety of primary and secondary lithium cells and batteries during transport, \$13.00

**IEC 62281 Ed. 4.2 b:2023**, Safety of primary and secondary lithium cells and batteries during transport, \$405.00

**IEC 62471-7 Ed. 1.0 b:2023**, Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, \$259.00

**IEC/TR 61000-5-1 Ed. 2.0 en:2023**, Electromagnetic compatibility (EMC) - Part 5-1: Installation and mitigation guidelines – General considerations, \$234.00

**ISO 20900:2023**, Intelligent transport systems – Partially automated parking systems (PAPS) – Performance requirements and test procedures, \$175.00

**ISO 24553:2023**, Ergonomics - Accessible design - Ease of operation, \$225.00

**ISO 28564-4:2023**, Public information guidance systems - Part 4: Installation and assessment, \$77.00

**ISO 5054-1:2023**, Specification for an enterprise canonical model - Part 1: Architecture, \$116.00

**ISO/IEC TR 23844:2023**, Information technology for learning, education, and training - Immersive content and technology, \$73.00

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## TSP meeting schedule

The next set of meetings will be held at the Wyndham Anaheim in conjunction with the NAMM Show. The ESTA [meetings](#) page has [a link to reserve a room](#) at the Wyndham Anaheim. The meetings will be via WebEx as well as in-person at the Wyndham Anaheim. All the times shown are Pacific Time.

Control Protocols Working Group	09:00 – 13:00 PDT	Thursday 13 April 2023
Electrical Power Working Group	14:00 – 17:00 PDT	Tuesday 11 April 2023
Event Safety Working Group	09:00 – 13:00 PDT	Friday 14 April 2023
Floors Working Group	19:00 – 23:00 PDT	Tuesday 11 April 2023
Fog & Smoke Working Group	09:00 – 13:00 PDT	Wednesday 12 April 2023
Photometrics Working Group	15:00 – 18:00 PDT	Thursday 13 April 2023
Rigging Working Group	19:00 – 23:00 PDT	Thursday 13 April 2023
Stage Machinery Working Group	14:00 – 18:00 PDT	Wednesday 12 April 2023
Technical Standards Council Council	14:00 – 18:00 PDT	Saturday 15 April 2023
Weapons Safety Working Group	09:00 – 13:00 PDT	Saturday 15 April 2023

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## 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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