ESTA Standards Watch

Late February 2022 Volume 26, Number 4

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Six ESTA docs in public review

Half a dozen documents are available for public review on the ESTA TSP website at https://tsp.esta.org/tsp/documents/public_review_docs.php. The downloads are free—costing you nothing but your time.

E1.26, Entertainment Technology -- Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues, sets out the energy absorption requirements for floors in venues used for live performances, and the methods for testing them. This document is to be used in conjunction with all applicable local building codes and requirements. The existing American National Standard is being considered for reaffirmation. Comments are due no later than 21 March 2022. If you wait until the 22nd, “Aw, you missed it.”

E1.36, Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls, is a model set of procedures that can be used by convention center and trade show exhibition hall staff to mitigate the risks perceived to be associated with the use of tungsten-halogen lamps and stage and studio luminaires. The standard gives guidance to allow T-H lamps and luminaires to be used in a safe manner in convention centers and trade show exhibition halls. The existing American National Standard is being considered for reaffirmation. Comments are due no later than 21 March 2022.

BSR ES1.18, Event Safety – Rigging, addresses the roles, responsibilities, and general requirements for design, planning, installation, set-up, removal, and operation of rigging activities for special events. It does not address system, hardware or component requirements. Comments are due no later than 21 March 2022.

BSR E1.4-1, Manual Counterweight Rigging Systems, addresses the requirements for manually operated counterweight rigging systems used in entertainment. Its scope covers design, manufacture, installation, and use of these systems. It does not address building structural requirements. The updates in this version maintain consistency with changing technology and with changes in accepted industry practice. Comments are due no later than 21 March 2022.

BSR E1.6-4, Design, Inspection, and Maintenance of Portable Fixed Speed Electric Chain Hoist Control Systems in the Entertainment Industry, partitions the existing ANSI E1.6-4 into two separate but related standards (E1.6-4 and E1.6-5) because some functions of the standard are deemed to require different or higher levels of expertise than other functions of the standard. This part addresses design, inspection, and maintenance aspects, which focus more on the roles and responsibilities of the equipment designer and manufacturer. Comments are due no later than 21 March 2022.

BSR E1.6-5, Selection and Use of Portable Chain Hoist Controls in the Entertainment Industry, is related to ANSI E1.6-4. This part addresses selection and use, pertaining more to the user's responsibilities and requirements. Comments are due no later than 21 March 2022.

Shields Up alert issued

The United States Cybersecurity & Infrastructure Agency (CISA) has issued a SHIELDS UP alert encouraging every organization of any type to be extremely diligent of cyber security issues right now. There are helpful tools and resources from CISA at https://www.cisa.gov/shields-up.

NIST issues RFI to improve cybersecurity, supply chain risk management resources

To improve its cybersecurity resources, the U.S. Department of Commerce's National Institute of Standards and Technology has issued a request for information by April 25. Feedback will support existing and potential standards, guidelines, and other information related to cybersecurity. Per the February 22 notice in the *Federal Register*, NIST is seeking feedback in two areas:

Area 1: Evaluating and Improving the NIST Cybersecurity Framework (CSF)
NIST is seeking information about the use, adequacy, and timeliness of the CSF. It also seeks to look at the degree to which other NIST resources (e.g., the Privacy Framework, Risk Management Framework, Secure Software Development Framework, and NICE Workforce Framework) are used with, or instead of, the CSF.

In addition, NIST seeks information about “challenges that may prevent organizations from using the CSF or using it more easily or extensively (e.g., resource considerations, organizational factors, workforce gaps, or complexity).” NIST reports that it seeks to better understand how the CSF is being used today, recognizing what’s working and what could work better.

Area 2: Evaluating and Improving Cybersecurity Supply Chain Risk Management
NIST is also examining the challenges organizations are facing from a technology supply chain perspective to inform a public-private partnership, the National Initiative for Improving Cybersecurity in Supply Chains (NIICS). Additionally, NIST will examine whether there are additional approaches, tools, standards, guidelines, or other resources that NIST should consider to achieve greater assurance throughout the software supply chain, including for open source software.

For more information or to submit comments, visit NIST’s website.

Bystander safe intervention training

Bullying and harassment create an unsafe workplaces for everyone. Many people who witness it would like to take action but don't know how to do so safely and without fear of retaliation.

Behind the Scenes has partnered with Hollaback! to present a free one hour interactive webinar, "Bystander Intervention in the Workplace," to provide people with the tools they need to be able to safely intervene. The webinar is FREE, but you must register. The webinar is being offered on three different dates to accommodate industry work schedules: March 20, March 28, and April 10. More information and registration is at btshelp.org/bystander.

Spring dates announced for Mental Health First Aid Training

Mental Health First Aid Training Classes for March and April 2022 are now posted on the Behind the Scenes website at btshelp.org/mhfa. Classes are being offered on March 15, 16, 19, and 30, and on April 3, 6, 19, and 29.

The course is delivered in two parts. The first is a two-hour self-paced online course that must be completed prior to a six-hour virtual live instructor led session. Go to btshelp.org/mhfa to learn more and to select the date and time you wish to attend the virtual live session. Upon completing the course you will become a certified Mental Health First Aider which is valid for three years.

The registration fee is $125. IATSE Members and those working under IATSE agreements may be eligible for Training Trust Fund reimbursement upon proof of successful completion of the course. A limited number of partial and full scholarships are available to individuals not eligible for reimbursement. Private group classes of 15 -20 are available – contact mhfa@btshelp.org for information. Training for Canadians is available through the AFC at https://afchelps.ca/mhfa.

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 TBTs that may be of interest to *Standards Watch* readers. If you have a problem with any TBT, you can protest through your representative to the World Trade Organization.

United States of America Notification USA/1837

Date issued: 23 February 2022
Agency responsible: Environmental Protection Agency (EPA)
National inquiry point: USA WTO TBT Enquiry Point
Products covered: Coal- and oil-fired electric utility steam generating units; Steam or other vapour generating boilers (excl. central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers; parts thereof (HS 8402)
Title: National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units--Revocation of the 2020 Reconsideration, and Affirmation of the Appropriate and Necessary Supplemental Finding (50 pages in English)
Description of content: Proposed rule - The EPA is proposing to revoke a 22 May 2020 finding that it is not appropriate and necessary to regulate coal- and oil-fired electric utility steam generating units (EGUs) under Clean Air Act (CAA) section 112, and to reaffirm the Agency's 25 April 2016 finding that it remains appropriate and necessary to regulate hazardous air pollutant (HAP) emissions from EGUs after considering cost. The Agency is also reviewing another part of the 22 May 2020 action, a residual risk and technology review (RTR) of Mercury and Air Toxics Standards (MATS). Accordingly, in addition to soliciting comments on all aspects of this proposal, the EPA is soliciting information on the performance and cost of new or improved technologies that control HAP emissions, improved methods of operation, and risk-related information to further inform the Agency's review of the MATS RTR as directed by Executive Order 13990.
Objective and rationale: Protection of the environment
Relevant documents: 87 Federal Register (FR) 7624, 9 February 2022; Title 40 Code of Federal Regulations (CFR) Part 63: https://www.govinfo.gov/content/pkg/FR-2022-02-09/pdf/2022-02343.pdf

This proposed rule is identified by Docket Number EPA-HQ-OAR-2018-0794. The Docket Folder is available from Regulations.gov at https://www.regulations.gov/docket/EPA-HQ-OAR-2018-0794/document and provides access to primary documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point by or before 4pm Eastern Time on 11 April 2022. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.
National Emission Standards for Hazardous Air Pollutants: Coal-and Oil-Fired Electric Utility Steam Generating Units--Reconsideration of Supplemental Finding and Residual Risk and Technology Review; Proposed Rule published 7 February 2019: https://www.govinfo.gov/content/pkg/FR-2019-02-07/pdf/2019-00936.pdf
Final Rule published 22 May 2021: https://www.govinfo.gov/content/pkg/FR-2020-05-22/pdf/2020-08607.pdf
Proposed date of adoption: Not given by country
Proposed date of entry into force: Not given by country
Final date for comments: 11 April 2022
Full text: https://www.govinfo.gov/content/pkg/FR-2022-02-09/pdf/2022-02343.pdf

Viet Nam Notification VNM/217

Date issued: 18 February 2022
Agency responsible: Ministry of Information and Communications, Department of Science & Technology (MIC)
National inquiry point: WTO TBT Enquiry Point Vietnam
Products covered: Cordless audio devices operating on frequencies between 25 MHz and 2000 MHz, as follows: - Cordless microphone (HS code: 8518.10.11; 8518.10.19; 8518.10.90); - Cordless speaker system (HS code: 8518.21.10; 8518.21.90; 8518.22.10; 8518.22.90; 8518.29.20; 8518.29.90); - Cordless earphone (HS code: 8518.30.10; 8518.30.20); - Microphone/speaker integrated system (HS code: 8518.30.51; 8518.30.59; 8518.30.90).; Microphones and stands therefor (excl. cordless microphones with built-in transmitter) (HS 851810); Single loudspeakers, mounted in their enclosures (HS 851821); Multiple loudspeakers, mounted in the same enclosure (HS 851822); Loudspeakers, without enclosure (HS 851829); Headphones and earphones, whether or not combined with microphone, and sets consisting of a microphone and one or more loudspeakers (excl. telephone sets, hearing aids and helmets with built-in headphones, whether or not incorporating a microphone) (HS 851830)
Title: Draft national technical regulation on electromagnetic compatibility for cordless audio devices operating on frequencies between 25 MHz and 2000 MHz
Description of content: Draft national technical regulation on electromagnetic compatibility for cordless audio devices operating on frequencies between 25 MHz and 2000 MHz is based on ETSI EN 301 489-9 V2.1.1 (2019-04)) of the European Telecommunications Standards Institute (ETSI). This draft National technical regulation specifies electromagnetic compatibility requirements for cordless audio devices operating on frequencies between 25 MHz and 2000 MHz.
Objective and rationale: Safety Requirements
Relevant documents: The Law on quality of products and goods; The Law on standards and technical regulations; Circular No.30/2011/TT-BTTTT dated 31October, 2011 specifying mandatory certification and declaration of products and goods in information technology and communications sector; Circular No.15/2018/TT-BTTTT dated 15 November, 2018 providing modifications and amendments for the Circular No.30/2011/TT-BTTTT; Circular No.11/2020/TT-BTTTT dated 14 May 2020 specifying the list of products and goods with unsafe capability under management responsibility of the Ministry of Information and Communications.
Proposed date of adoption: 31 May 2022
Proposed date of entry into force: 1 January 2023
Final date for comments: 30 April 2022
Full text: https://tsapps.nist.gov/notifyus/docs/wto_country/VNM/full_text/pdf/VNM217(vietnamese).pdf

United States of America Notification USA/1835 (Corr.1)

Date issued: 17 February 2022
Agency responsible: Occupational Safety and Health Administration (OSHA)
National inquiry point: USA WTO TBT Enquiry Point
Products covered: Powered industrial trucks standards

Title: Powered Industrial Trucks Design Standard Update (10 pages in English)
Description of content: Notice of proposed rulemaking - OSHA proposes updating the design and construction requirements of the powered industrial trucks standards for general industry and construction by incorporating by reference the applicable provisions of the most relevant national consensus standards from the American National Standards Institute/Industrial Truck Standards Development Foundation (ANSI/ITSDF). OSHA also proposes allowing employers to use powered industrial trucks not constructed in accordance with those national consensus standards incorporated by reference in the OSHA standards if the employer can demonstrate that the truck they use was designed and constructed in a manner that provides employee protection that is at least as effective as the national consensus standards incorporated by reference in OSHA's standards.
Objective and rationale: Protection of human health or safety; Harmonization
Relevant documents: 87 Federal Register (FR) 8755, 16 February 2022; Title 29 Code of Federal Regulations (CFR) Parts 1910 and 1926: https://www.govinfo.gov/content/pkg/FR-2022-02-16/pdf/2022-01155.pdf
This notice of proposed rulemaking is identified by Docket Number OSHA-2020-0008. The Docket Folder is available from Regulations.gov at https://www.regulations.gov/docket/OSHA-2020-0008/document and provides access to primary and supporting documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point by or before 4pm Eastern Time on 17 May 2022. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.
Proposed date of adoption: Not given by country
Proposed date of entry into force: Not given by country
Final date for comments: 17 May 2022
Full text URL: https://www.govinfo.gov/content/pkg/FR-2022-02-16/pdf/2022-01155.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.

Due 4 April 2022

BSR/ACI CODE-440-202x, Building Requirements for Structural Concrete Reinforced with Glass Fiber-Reinforced Polymer (GFRP) Bars - Code and Commentary (new standard)
This code provides minimum requirements for the materials, design, and detailing of nonprestressed glass fiber-reinforced polymer (GFRP) reinforcement in structural concrete.
Single copy price: Free
Obtain a copy from: https://www.concrete.org/publications/standards/upcomingstandards.aspx
Send comments to Shannon Banchero, shannon.banchero@concrete.org

BSR ASC C2 NESC-202x, National Electrical Safety Code (NESC) Draft 2 (revision and redesignation of ANSI ASC C2 NESC-2017)
These rules cover supply and communication lines, equipment, and associated work practices employed by a public or private electric supply, communications, railway, or similar utility in the exercise of its function as a utility. They cover similar systems under the control of qualified persons, such as those associated with an industrial complex or utility interactive system.
Single copy price: $237.30
Order from and send comments to Jennifer Santulli, j.santulli@ieee.org

BSR/UL 1322-2017 (R202x), Standard for Fabricated Scaffold Planks and Stages (reaffirmation of ANSI/UL 1322-2017)
These requirements cover the following: wood, metal, or a combination of wood and metal-fabricated planks; fabricated platforms for use with suspended, fixed, or rolling scaffold; modular suspended platforms; scaffold decks; mobile work stands; and work cages (baskets), and platforms with one, two, or multiple points. These

requirements do not cover: suspended scaffold components, and accessories for use with or in the erection of fixed or rolling scaffolds, The construction or installation of scaffolding, hoists intended for use with suspended scaffolds, or suspended platforms utilizing angled or articulating sections. Welded frame and system scaffold assemblies are to be additionally evaluated to Testing and Rating Scaffold Assemblies and Components, ANSI/SSFI SC100-5/05.
Single copy price: Free
Obtain an electronic copy from https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments to Annabelle Hollen, Annabelle.Hollen@ul.org

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 B46.1-1-202x, Surface Texture of Parts Fabricated by Additive Manufacturing (new standard)
This standard will provide common terminology and methods for producing, controlling, and inspecting surfaces of parts fabricated by additive manufacturing (AM). Achieving reproducible measurements and gauging the range of variability for surface textures of AM parts are among the topics that will be addressed.
Contact Terrell Henry, ansibox@asme.org

BSR/AWS B4.0-202x, Standard Methods for Mechanical Testing of Welds (revision and redesignation of ANSI/AWS B4.0, AMD1-2021)
Mechanical test methods that are applicable to welds and welded joints are described. For each testing method, information is provided concerning applicable standards Institute (ANSI), American Society for Testing and Materials (ASTM), and American Petroleum Institute (API) documents; the required testing apparatus, specimen preparation, procedure to be followed, and report requirements are also described.
Contact Stephen Hedrick, steveh@aws.org

BSR/AWS Z49.1-202x, Safety in Welding, Cutting, and Allied Processes (revision of ANSI/AWS Z49.1-2021)
This standard covers all aspects of safety and health in the welding environment, emphasizing oxygen gas and arc welding processes with some coverage given to resistance and high-energy beam welding, brazing, and soldering. It contains information on protection of personnel and the general area, ventilation, fire prevention and protection, and confined spaces. A significant section is devoted to precautionary information, showing examples, and an extensive bibliography is included.
Contact Stephen Hedrick, steveh@aws.org

BSR/E1.21-202x, Entertainment Technology - Temporary Structures Used for Technical Production of Outdoor Entertainment Events (revision of ANSI/E1.21-2020)
This document establishes a minimum level of design and performance parameters for the design, manufacturing, use and maintenance of temporary ground-supported structures used in the production of outdoor entertainment and special events. The purpose of this guidance is to ensure the structural reliability and safety of these structures. It does not address fire safety, or safe egress (crowd management) issues.
Contact Richard Nix, standards@esta.org

BSR/CSA B805/ICC 805-202x, Rainwater Harvesting Systems (revision of ANSI/CSA B805/ICC 805-2018)
As part of periodic maintenance, CSA B805/ICC 805 will undergo an update to be consistent with current industry practices. This standard applies to the design, installation, and maintenance of rainwater collection systems intended to collect, store, treat, distribute, and utilize rainwater for potable and non-potable applications. This standard is intended to apply to new rainwater collection installations as well as alterations, additions, maintenance, and repair to existing installations. Includes systems designed for residential, commercial, industrial, and agricultural applications.
Contact Karl Aittaniemi, kaittaniemi@iccsafe.org

INCITS/ISO/IEC 22275:2018 [202x], Information Technology - Programming Languages, Their Environments, and System Software Interfaces - ECMAScript Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])
Defines the ECMAScript Specification Suite containing the ECMAScript programming language and its required and optional built-in libraries. It defines all the necessary components (both normative and informative) that is needed to implement this suite of standards. This suite does not change if one or more components are updated by a new standard edition. The suite changes only when new components are added or old components are removed from it.
Contact Deborah Spittle, comments@standards.incits.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.

ANSI/ANS 8.26-2007 (R2022), Criticality Safety Engineer Training and Qualification Program (reaffirmation of ANSI/ANS 8.26-2007 (R2016)), 10 February 2022

ANSI/APCO 1.121.1-2022, Managing Operational Overload in the Emergency Communication Center (new standard), 14 February 2022

ANSI/IES LM-91 (C303)-2022, IES (Guide to) Approved Method: Application Distance Specific Radiometry (new standard), 8 February 2022

ANSI/NEMA 62321-1-2013, Determination of certain substances in electrotechnical products - Part 1: Introduction and overview (identical national adoption of IEC 62321-1:2013), 11 February 2022

ANSI/NEMA 62321-2-2013, Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjunction and mechanical sample preparation (identical national adoption of IEC 62321-2:2013), 11 February 2022

ANSI/NEMA 62321-5-2013, Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICPMS (identical national adoption of IEC 62321-5:2013), 11 February 2022

ANSI/NEMA 62321-6-2015, Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectometry (GC-MS) (identical national adoption of IEC 62321-6:2015), 11 February 2022

ANSI/NEMA 62321-8-2017, Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) (identical national adoption of IEC 62321-8:2017), 11 February 2022

ANSI/NEMA 62321-10-2020, Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-10:2020), 11 February 2022

ANSI/NEMA 62321-3-1-2013, Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry (identical national adoption of IEC 62321-3-1:2013), 11 February 2022

ANSI/NEMA 62321-3-2-2020, Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC) (identical national adoption of IEC 62321-3-2:2020), 11 February 2022

ANSI/NEMA 62321-7-1-2015, Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method (identical national adoption of IEC 62321-7-1:2015), 11 February 2022

ANSI/NEMA 62321-7-2-2017, Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (identical national adoption of IEC 62321-7-2:2017), 11 February 2022

ANSI/NEMA 62430-2019, Environmentally conscious design (ECD) - Principles, requirements and guidance (identical national adoption of IEC 62430:2019), 11 February 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 are for purchases through ANSI. The sort order is first by due date then by the project identifier alphanumeric. Some of the due dates are in the past, but the dates shown are what were given.

ISO/FDIS 23405, Tourism and related services - Sustainable tourism -Principles, vocabulary and model, 29 October 2020 [sic], $53.00

ISO/IEC DIS 4005-1, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) -Part 1: Communication model and requirements, 10 December 2021 [sic], $71.00

ISO/IEC DIS 4005-2, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) -Part 2: Physical and data link protocols for shared communication, 10 December 2021 [sic], $134.00

ISO/IEC DIS 4005-3, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) -Part 3: Physical and data link protocols for control communication, 10 December 2021 [sic], $134.00

ISO/DIS 37170, Smart community infrastructures - Data framework for infrastructure governance based on digital technology in smart cities, 16 December 2021 [sic], $58.00

ISO/DIS 56007, Innovation management - Tools and methods for idea management – Guidance, 2 May 2022, $125.00

65E/885/CD, IEC 63082-2 ED1: Intelligent device management – Part 2: Normative requirements and recommendations, 6 May 2022

108/767/CDV, IEC 62368-1 ED4: Audio/video, information and communication technology equipment - Part 1: Safety requirements, 6 May 2022

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 60034-1 Ed. 14.0 b:2022, Rotating electrical machines - Part 1: Rating and performance, $392.00

IEC 62442-3 Ed. 3.0 b:2022, Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear, $89.00

ISO 22058:2022, Construction procurement - Guidance on strategy and tactics, $175.00

ISO 25550:2022, Ageing societies - General requirements and guidelines for an age-inclusive workforce, $200.00

ISO 668:2020/Amd 1:2022, Series 1 freight containers - Classification, dimensions and ratings - Amendment 1, $20.00

ISO/IEC 30162:2022, Internet of Things (IoT) – Compatibility requirements and model for devices within industrial IoT systems, $184.00

TSP meeting schedule

The meeting schedule is posted at https://www.esta.org/ESTA/meetings.php. The following meetings will be at the Hyatt Regency Baltimore Inner Harbor. Attendance may be in-person or via WebEx.

Control Protocols Working Group	09:00 – noon EST	Thursday, 3 March 2022
Electrical Power Working Group	11:00 – 14:00 EST	Friday, 4 March 2022
Event Safety Working Group	14:00 – 17:00 EST	Saturday, 5 March 2022
Floors Working Group	14:00 – 17:00 EST	Wednesday, 2 March 2022
Followspot Positions Working Group	19:00 – 22:00 EST	Friday, 4 March 2022
Rigging Working Group	19:00 – 22:00 EST	Thursday, 3 March 2022
Stage Machinery Working Group:	14:00 – 17:00 EST	Thursday, 3 March 2022
Technical Standards Council	15:00 – 18:00 EST	Friday, 4 March 2022

ESTA Standards Watch

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

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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 donors who have made long-term, multi-year pledges

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Reed Rigging
Reliable Design Services
Alan Rowe
Sapsis Rigging Inc.
Dana Taylor
Steve Terry
Vertigo
WNP Services

INVESTOR ($3,000–$9,999; >100 employees/members)
Actors' Equity Association
Golden Sea Professional Lighting Provider
IATSE Local 728
IATSE Local 891
Lex
NAMM
Texas Scenic Company

INVESTOR ($1,500–$4,999; 20–100 employees/members)
American Society of Theatre Consultants
Area Four Industries
BMI Supply
City Theatrical Inc.
H&H Specialties, Inc.
InterAmerica Stage, Inc.
Lycian Stage Lighting
Niscon Inc.
Tomcat Staging, Lighting and Support Systems

INVESTOR ($200–$499; <20 employees/members)
Baxter Controls, Inc.
ChamSix
Concept Smoke Systems Ltd.
Liberal Logic, Inc.
Luminator Technology Group
Sehr Gute GmbH
David Thomas
Tracy Underhill
Ralph Weber

SUPPORTER ($50 - $2,999; >100 employees/members)
Harlequin Floors

SUPPORTER ($50 - $1,499; 20–100 employees/members)

H&H Specialties Inc.
High Output
InCord
iWeiss
Oasis Stage Werks
Stagemaker
Syracuse Scenery and Stage Lighting Co., Inc.
Vincent Lighting Systems
Wuhan Zhongtian Jiaye Mechanical & Electrical Eng. Co.

SUPPORTER ($50 - $199; <20 employees/members)

Chip Scott Lighting Design
Beverly and Tom Inglesby
Luminator Technology Group
Bill McCord
Motion FX
Sigma Net

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