Technical Standards Program

ESTA Standards Watch

April 2024 Volume 28, Number 7

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Seven ESTA standards in public review

Six ESTA standards are in public review at http://estalink.us/pr. They are a mix of brand new standards, standards previously published and being considered for reaffirmation, and one standard being considered for withdrawal.

Comments due before 13 May 2024

BSR E1.31, Lightweight streaming protocol for transport of DMX using ACN (revision of ANSI E1.31 – 2018) This standard describes a mechanism to transfer DMX512A packets over a TCP/IP network using a subset of the ACN protocol suite. It covers data format, data protocol, data addressing, and network management, including support for both IPv4 and IPv6. It also outlines a synchronization method to help ensure that multiple sinks can process this data concurrently when supervised by the same controller. Revision is necessary to correct internal reference errors within the currently published version, ANSI E1.31-2018.

Comments due before 20 May 2024

BSR E1.44-2014 (R20xx) Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (reaffirmation of ANSI E1.44 – 2014)

This standard addresses common show file requirements for automated stage machinery control systems used in entertainment venues. It establishes a minimum level of design and performance guidelines for the integrated software design of processor based machinery control equipment. The purpose of this guidance is to ensure that users will be able to transfer, modify and customize a 'least common denominator' show file for the data required to tour entertainment productions from one facility to another, even when the facilities' physical conditions, hoist inventories, and placements, and the machinery control consoles and data topology differ.

BSR E1.50-1, Requirements for the Structural Support of Temporary LED, Video & Display Systems
(revision of ANSI E1.50-1 – 2017)
This draft is a revision of ANSI E1.50-1-2017. It provides updated guidance for lateral design loads, and for situations where technicians must climb on the structure at any time during installation, use, and dismantle.

Comments due before 3 June 2024

ANSI E1.30-3 - 2009 (R2019), EPI 25 Time Reference in ACN Systems Using SNTP and NTP
ANSI E1.30-3, EPI 25, Time Reference in ACN Systems Using SNTP and NTP, is another recipe in the E1.30 cookbook for ACN. It offers ways of providing a time reference so that events can be synchronized. It's being considered for withdrawal because its requirements are outdated and no longer useful.

ANSI E1.53 - 2019, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice
This standard covers specifications for the primary and secondary mounting devices for portable stage and studio luminaires and accessories, and for similarly fastened special effects machines. The standard offers guidance on how to properly affix these mounting devices. It's being considered for reaffirmation.

BSR E1.80, Pinout Configuration Types for Special-Purpose Multicircuit Cable Systems
This standard addresses the pinout assignments for 19-pin Socapex-style connectors used for various types of power distribution systems in the entertainment industry. It will establish standardized pinout assignments and type designations in order to reduce connection incompatibilities, thereby reducing the risk of shock and electrocution hazards, and the potential for equipment damage.

BSR ES1.6, Event Safety - Communications
This standard applies to communications in the live event industry and describes requirements for internal communication and public information for live events and related activities. It provides guidelines and good practices for effective communication within internal event production staff and with external groups, such as the audience and general public. This document addresses communicating with law enforcement, medical support, and AHJs, this standard does not address any communications within AHJs or within military operations.

Register for NATEAC 2024—there won’t be another one until 2028!

NATEAC registration is open and the preliminary schedule has been announced! The registration cost of $850 includes two full days of high-level sessions on the topic of Access, as well as the fan-favorite kickoff harbor cruise Saturday night, an after-party on Monday night—post education sessions—and the NATEAC Tuesday Theatre Tours, where attendees can tour some of the most state-of-the-art performance spaces in the city. Tickets to the Behind the Scenes charity dinner are available during registration for $175 each. Proceeds from ticket sales will be donated to help BTS in their mission to fund grants for industry workers who are seriously ill or injured. Visit nateac.org for more information, the preliminary schedule, and to register. We hope to see you in NY in July!

WTO Technical Barriers to Trade notifications

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

Chile Notification G/TBT/N/CHL/677

Notification date: 18 April 2024
Notifying member: CHILE
Responsible body: Undersecretary of International Economic Relations (SUBREI) - Ministry of Foreign Affairs of Chile
Products covered: Luminaires and floodlights for use in lighting types exteriors.
Title: Protocol for Analysis and Testing of Light Pollution of Luminaires and/or Outdoor Lighting Projectors PCL N°1:2024; (10 page(s), in Spanish)
Description of content: This protocol establishes the requirements of the verification procedure against light pollution of luminaires and projectors for use in the types of outdoor lighting defined in articles 5, 6, 7 and 8 of Supreme Decree No. 1/2022, of the Ministry of the Environment, which establishes the "Emission Standard of artificial luminosity generated by outdoor lighting, prepared from the review of Supreme Decree No. 43, of 2012, of the Ministry of the Environment" in a condition representative of new products, whose supply voltage does not exceed 1,000 V; according to the scope and field of application established in the guideline "IEC 62722 Ed.1.0 2014-09. Luminaire performance – Part 1: General Requirements" and the other reference standards indicated in TABLE A depending on the nature or typology of light source used.
Objective and rationale: Protection of human health or safety; Environmental Protection
Relevant documents:
• Exempt Resolution No. 731, Approves "Protocols for Analysis and Testing of Electrical Product for the determination of Compliance with Protection of Light Pollution D.S. No. 43 of 2012 MMA, PCL No. 1 and PCL No. 2", August 26 of 2015.
• Supreme Decree No. 1 of 2022 of the Ministry of the Environment, New Lighting Standard.
Proposed adoption date: To be determined
Proposed effective date: To be determined
Deadline for submission of comments: 18 May 2024
Texts available from (Spanish): https://members.wto.org/crnattachments/2024/TBT/CHL/24_02680_00_s.pdf
https://members.wto.org/crnattachments/2024/TBT/CHL/24_02680_01_s.pdf
https://members.wto.org/crnattachments/2024/TBT/CHL/24_02680_02_s.pdf

G/TBT/N/JPN/807

Notifying Member: JAPAN
Agency responsible: Ministry of Economy, Trade and Industry (METI)
Products covered: Products that have the ability to send and receive data using Internet Protocol (IP), including products that are indirectly connected to the internet (excluding general-purpose IT products to which users can easily alter security measures such as via software products (PCs, tablets, smartphones, etc.)).
Title: IoT Product Security Conformity Assessment Scheme Policy Draft; (28 page(s), in English)
Description of content: The Policy Draft outlines the purpose and positioning of a voluntary IoT Product Security Conformity Assessment Scheme that Japan will establish, details of the Scheme, such as its operational structure and scope, as well as measures for Scheme growth.
Objective and rationale: Consumer information, labelling
Relevant documents:
IoT Product Security Conformity Assessment Scheme Policy Draft
[Annex] Star 1 Security Requirements and Conformance Criteria
Press Release (with related links):
https://www.meti.go.jp/english/press/2024/0315_001.html
Proposed date of adoption: Official announcement: around July to September 2024.
Proposed date of entry into force: Scheme start (in part): by 31 March 2025.
Final date for comments: 60 days from notification
Texts available from:
https://members.wto.org/crnattachments/2024/TBT/JPN/24_02653_00_e.pdf
https://members.wto.org/crnattachments/2024/TBT/JPN/24_02653_01_e.pdf
https://members.wto.org/crnattachments/2024/TBT/JPN/24_02653_02_e.pdf

Israel G/TBT/N/ISR/1340

Notifying Member: ISRAEL
Agency responsible: Israel WTO-TBT Enquiry Point

Products covered: Mobile elevating work platforms
Title: SI 5697 part 2 - Mobile elevating work platforms: Vehicle-mounted elevating and rotating insulating aerial devices used for live working; (7 page(s), in Hebrew), (88 page(s), in English)
Description of content: Revision of the Mandatory Standard SI 5697 part 2 dealing with safety features of mobile elevating work platforms (MEWP). This proposed standard revision adopts the American Standard ANSI/SAIA A92.2 - 2021, with a few national changes that appear in the standard's Hebrew section.
The major differences between the old standard and this new proposal are as follows:

- Adopts the new edition of the American Standard and removes the alternative European route of compliance;
- Deletes from the national deviations the requirements for the load sensing and for the moment sensing systems;

Both the old and proposed standards will apply for three years from the entry into force. During this time, products may comply with either.
Objective and rationale: Protection of human health or safety
Relevant documents:

- Israel Mandatory Standard SI 5697 part 1 (August 2019);
- American Standard ANSI/SAIA A92.2-2021.

Proposed date of adoption: To be determined
Proposed date of entry into force: To be determined Both the old and proposed standards will apply for three years from the entry into force. During this time, products may comply with either.
Final date for comments: 3 June 2024
Texts available from: https://members.wto.org/crnattachments/2024/TBT/ISR/24_02437_00_x.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 20 May 2024

BSR/UL 514A-202X, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2022)
Topic 3 - Revision to Scope and Definition - Poke Through Floor Fitting.
Send comments (copy psa@ansi.org) at the CSDS Work Area https://csds.ul.com/ProposalAvailable.

BSR/ASME P30.1-202x, Planning for Load Handling Activities (revision of ANSI/ASME P30.1-2019)
This Standard establishes planning considerations and practices that apply to load handling equipment (LHE), other associated equipment, and activities when moving loads vertically or horizontally. The planning guidance contained in this Standard is divided into two categories dependent upon the nature of the load handling activity and the degree of exposure to the issues that impact safety. The categories are designated as standard lift plan and critical lift plan.
Single copy price: Free
Obtain an electronic copy from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Kathleen Peterson <petersonk@asme.org>

BSR/ASTM E8-202x, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8/E8M-2024)
View changes at https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from and send comments (copy psa@ansi.org) to: accreditation@astm.org

BSR/ASTM E2708-202x, Terminology for Accreditation and Certification (revision of ANSI/ASTM E2708-2023)
View changes at: https://www.astm.org/get-involved/technical-committees/ansi-review
Single copy price: Free
Obtain an electronic copy from and send comments (copy psa@ansi.org) to: accreditation@astm.org

BSR E1.44-2014 (R202x), Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (reaffirmation of ANSI E1.44-2014 (R2019))
This standard addresses common show file requirements for automated stage machinery control systems used in entertainment venues. It establishes a minimum level of design and performance guidelines for the integrated software design of processor based machinery control equipment. The purpose of this guidance is to ensure that users will be able to transfer, modify, and customize a “least common denominator’ show file for the data required to tour entertainment productions from one facility to another, even when the facilities' physical conditions, hoist inventories, and placements, and the machinery control consoles and data topology differ.
Single copy price: Free
Obtain an electronic copy from and download comment review form at
https://tsp.esta.org/tsp/documents/public_review_docs.php

BSR/E1.50-1-202x, Requirements for the Structural Support of Temporary LED, Video & Display Systems (revision of ANSI E1.50-1-2017)
ANSI E1.50-1 covers the support of temporary installations of large format modular display systems, LED, video and other self-illuminating display structures not otherwise addressed by existing standards. The scope of this standard includes planning and site preparedness, assembly and erection, suspension and safety of components, special access requirements, use, and dismantling of these systems.
Single copy price: Free
Obtain an electronic copy from and download comment review form at
https://tsp.esta.org/tsp/documents/public_review_docs.php

BSR/NFPA 10-202x, Standard for Portable Fire Extinguishers (revision of ANSI/NFPA 10-2022)
The provisions of this standard apply to the selection, installation, inspection, maintenance, recharging, and testing of portable fire extinguishers and Class D extinguishing agents. The requirements given herein are minimum. The requirements shall not apply to permanently installed systems for fire extinguishment, even where portions of such systems are portable (such as hose and nozzles attached to a fixed supply of extinguishing agent).
Obtain an electronic copy from and send comments via: www.nfpa.org/10Next

BSR/UL 2996-202X, Standard for Safety for In-Ground Boxes (new standard)
Topic 1. Proposed First Edition of the Standard for Safety for In-Ground Outlet Boxes.
Single copy price: Free
Obtain an electronic copy from and send comments (copy psa@ansi.org) at
https://csds.ul.com/Home/ProposalsDefault.aspx

BSR/ASME PTC 19.1-2018 (R202x), Test Uncertainty (reaffirmation of ANSI/ASME PTC 19.1-2018)
The Scope of this Standard is to specify procedures for evaluation of uncertainties in test measurements, parameters and methods, and, propagation of those uncertainties into the uncertainty of a test result. Depending on the application, uncertainty sources may be classified either by the presumed effect (systematic or random) on the measurement or test result, or by the process in which they may be quantified or their pedigree (Type A or Type B).
Single copy price: $165.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Lydia Stanford

Due 27 May 2024

BSR C12.1-202x, Electric Meters - Code for Electricity Metering (revision of ANSI C12.1-2022)
This standard establishes acceptable performance criteria for new types of AC watthour meters, demand meters, demand registers, pulse devices, and auxiliary devices. It also describes acceptable in-service performance levels for meters and devices used in revenue metering. It also includes information on related subjects, such as recommended measurement standards, installation requirements, test methods, and test schedules. This Code for Electricity Metering is designed as a reference for those concerned with the art of electricity metering, such as utilities, manufacturers, and regulatory bodies.
Single copy price: $465.00

Obtain an electronic copy from: www.nema.org
Send comments (copy psa@ansi.org) to: Paul Orr <Pau_orr@nema.org>

BSR C136.34-2020 (R202x), Vandal Shields for Roadway and Area Lighting Luminaires (reaffirmation of ANSI C136.34-2020)
This Standard covers supplementary vandal shields used to protect luminaires and luminaire accessories used for roadway and area lighting.
Single copy price: $88.00
Obtain an electronic copy from and send comments to: david.richmond@nema.org

BSR C136.46-2020 (R202x), Concrete Lighting Poles (reaffirmation of ANSI C136.46-2020)
This Standard applies to concrete lighting poles used in roadway and area lighting equipment and includes nomenclature, performance criteria, marking and recordkeeping requirements, and certain minimal material needs. It does not cover concrete poles manufactured with any modified concrete mix incorporating the use of polymers or other modifiers.
Single copy price: $91.00
Obtain an electronic copy from: david.richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

BSR C136.38-202x (R2020,S202x), Induction Lighting (stabilized maintenance of ANSI C136.38-2015 (R2020))
This standard defines the electrical and mechanical requirements of induction-type light sources for use in roadway and area lighting luminaires.
Single copy price: $74.00
Obtain an electronic copy from: david.richmond@nema.org
Send comments (copy psa@ansi.org) to: Same

Due 11 June 2024

BSR/IEEE 762-202x, Standard Definitions for Use in Reporting Electric Generating Unit Reliability, Availability, and Productivity (new standard)
Outlined in this document are standardized terminology and indexes for reporting electric-generating-unit reliability, availability, and productivity performance measures that recognize the power industry's needs, including marketplace competition. This standard also includes equations for equivalent demand forced outage rate (EFORd), newly identified outage states, energy-weighted equations for group performance indexes, definitions of outside management control (OMC), pooling methodologies, and time-based calculations for group performance indexes. It includes consideration of variable energy resource units and resource unavailability and new indexes appropriate for that purpose.
Single copy price: $169.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39911442
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSR/IEEE 1735-202x, Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) (new standard)
Guidance on technical protection measures to those who produce, use, process, or standardize the specifications of electronic design intellectual property (IP) is provided in this recommended practice. Distribution of IP creates a risk of unsanctioned use and dilution of the investment in its creation. The measures presented here include protection through encryption, specification, and management of use rights that have been granted by the producers of electronic designs, and methods for integrating license verification for granted rights. (The PDF of this standard is available at no charge compliments of its sponsor at https://ieeexplore.ieee.org/browse/standards/get-program/page/series?id=80).
Single copy price: Free
Obtain an electronic copy from: https://ieeexplore.ieee.org/browse/standards/get-program/page/series?id=80)
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSR/IEEE 2866.1-202x, Standard for Device Trusted Extension: Software Architecture (new standard)
The software architecture of a device trusted extension system (DTX) is described in a hierarchal way, the security components to the layers are mapped, and the security components are defined by this document.
Single copy price: $59.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39912387
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSR/IEEE 3303-202x, Standard Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Compression and Understanding of Industrial Data 1.1 (new standard)
This standard adopts MPAI Technical Specification Version 1.1 as an IEEE Standard. The Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Compression and Understanding of Industrial Data (MPI-CUI) Version 1.1 predicts the performance of a Company from its Governance, Financial and Risk data in a Prediction Horizon expression as Default Probability, adequacy Index of Organizational Model, and Business Continuity Index.
Single copy price: $62.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39911626
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSR/IEEE C37.90.3-202x, Standard for Electrostatic Discharge Tests for Protective Relays (new standard)
Described in this standard are test procedure, test point selection, test level, and acceptance criteria for repeatable electrostatic discharge immunity evaluations for tabletop and floor-standing protective relay equipment. Simulator characteristics for hand/metal ESD testing are specified for both the air and contact discharge methods. This standard has been harmonized with other ESD standards where consensus could be reached.
Single copy price: $59.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39912688
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSR/IEEE C37.233-202x, Guide for Power System Protection Testing (new standard)
Test approaches and procedures for the components and the overall protection and control system functions are presented in this guide. Test of equipment in the system protection scheme, associated communications equipment, auxiliary power supplies, and the control of power apparatus are addressed. Much of the testing emphasizes a bottom-up approach, in which the basic behavior of scheme components are verified first, followed by the testing of interconnected components in a function-oriented assembly.
Single copy price: $131.00
Obtain an electronic copy from: https://www.techstreet.com/ieee/searches/39912457
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

BSI public review announcements

The following draft British Standards document has been announced for public review by BSI and may be of material interest to Standards Watch readers. The list includes National British Standards in development and National Adoptions of existing standards. Submit comments online, before the comment deadline, using BSI's Standards Development Portal. Registration is free of charge at https://standardsdevelopment.bsigroup.com/.

Due 10 June 2024

BS 8681 Personal fall protection equipment – Anchor systems – Provider competence – Specification
This British Standard specifies requirements for providers involved in manufacturing, fabricating, specifying, designing, installing, maintaining, inspecting and training on PFPS and which might include bespoke structurally designed elements.

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/RESNA GFS-1-202x, Ground and Floor Surfacing Standards — Section 1 — Measurement of Firmness and Stability Using an Instrumented Surface Indenter (new standard)
Ground and floor surfaces that lack firmness and stability are more difficult for people with disabilities to traverse. There has been a need for a preferred test method to evaluate the firmness and stability of ground and floor surfaces along accessible routes that comply with the 2010 ADA Standards for Accessible Design and the Architectural Barriers Act Accessibility Standards. Use of the preferred test method enables surface manufacturers to evaluate surface firmness, stability during R&D, and will allow facility owners and operators to verify the surface is firm and stable when newly installed and remains so as it ages, undergoes frequent use, and is exposed to environmental elements. Surfaces become firmer over time and others become less stable; still other surfaces require ongoing maintenance to remain firm and stable. The test method will allow facility owners to evaluate and confirm the firmness and stability of their surfaces and to schedule preventative maintenance, modifications, repairs, or replacement to ensure continued usability by people with disabilities and compliance with accessibility standards. In addition, ground surface and flooring manufacturers would be able to market their surface product line based on the firmness and stability characteristics that their surface provides in various environments.

The RESNA Ground and Floor Surfaces standards committee will first seek to initiate the development of specifications for a portable test method to measure the firmness and stability of all indoor and outdoor ground and floor surface types during product development, upon installation, and when evaluating accessible routes. The test method must be able to measure surfaces upon installation to evaluate the firmness and stability of the surface as installed and over the maintenance lifecycle of the surface. Additional test methods will be pursued in the future to measure other surface characteristics related to accessibility for people with disabilities.

BSR/ASQ E4-202x, Quality management systems for environmental information and technology programs - Requirements with guidance for use (revision of ANSI/ASQ E4-2014 (R2019))
Specifies requirements for a Quality Management System (QMS) to enable an organization to formulate policies and procedures to plan and implement sufficient and adequate quality management practices for environmental programs.

BSR/ASTM WK90086-202x, New Specification for Standard Specification for Photoluminescent (Phosphorescent) Safety Markings (new standard)
This specification covers minimum performance requirements for newly applied photoluminescent (phosphorescent) safety materials used to provide supplemental markings of escape routes, emergency equipment, and obstructions along the escape route. (see also Test Method E2073 and Guide E2030).

BSR C136.14-202X, Elliptically Shaped, Enclosed Side-Mounted Luminaires (revision of ANSI C136.14-2020)
This Standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed side-mounted luminaires for horizontal-burning high-intensity discharge (HID) lamps, solid-state lighting (LED) sources, and other light sources used in roadway and area lighting equipment. This type of luminaire has traditionally been used for street or roadway lighting and has commonly been referred to as cobrahead-style luminaires. Luminaires of similar size, shape, and weight meeting the requirements of this Standard may be used interchangeably within a system with the assurance that: (a) They will fit the bracket arm, (b) Pole strength requirements will not change, (c) Light distribution will be similar, and (d) Similar maintenance procedures can be used. Historically, luminaires covered by this Standard are elliptical in shape with lenses that meet the requirements of ANSI C136.17. Luminaires other than HID may have a different unique shape, as long as they meet the requirements listed above. Excluded from this Standard are luminaires having rectilinear and round shapes traditionally covered by ANSI C136.23.

BSR C136.24-202X, Nonlocking (Button) Type Photocontrols (revision of ANSI C136.24-2020)
This Standard covers the electrical and mechanical interchangeability of nonlocking-type photocontrols for mounting within a roadway or off-roadway luminaire, herein called “controls”. These controls are commonly called “button” photocontrols.

BSR C136.32-202X, Enclosed Setback Luminaires and Directional Floodlights (revision of ANSI C136.32-2020)
This Standard covers dimensional, maintenance, and electrical features that permit the interchange of similar style enclosed luminaires having the same light distribution classification or type used in roadway or area lighting equipment. Luminaires covered by this Standard are generally yoke-, trunnion-, or tenon-mounted. They are traditionally called “floodlights” or “setback luminaires”.

BSR C136.35-202X, Locking-Type Power Taps (LTPT) (revision of ANSI C136.35-2020)
This Standard covers the electrical and mechanical compatibility of electrical devices mounted into a locking-type photocontrol receptacle for the purpose of providing ancillary power to an external device. This Standard does not cover the device being powered.

BSR C136.48-202X, Roadway and Area Lighting - Wireless Networked Lighting Controllers (revision of ANSI C136.48 -2023)
This standard defines the minimum requirements for a wireless backhaul connection of a networked lighting controller (NLC) intended for use with roadway and area lighting systems.

BSR SAIA A92.9A-202x, Establishing Design, Calculations, Safety Requirements and Test Methods for Mast Climbing Work Platforms (MCWPs) (revision and partition of ANSI SAIA A92.9-2023)
Specifies safety requirements and preventive measures, and the means for their verification, for mast climbing work platforms (MCWPs), intended to position personnel, along with their necessary tools and materials, to perform their work. It contains the structural design calculations and stability criteria, construction, safety examinations and tests that shall be applied before a MCWP is first put into service.

BSR SAIA A92.9B-202x, Safe Use and Establishing Training Content and Administrative Requirements for Mast Climbing Work Platforms (MCWPs) (revision and partition of ANSI SAIA A92.9-2023)
Specifies requirements for application, installation, dismantling, inspection, training, maintenance, repair and safe operation of Mast Climbing Work Platforms (hereafter known as MCWPs). This Standard also provides methods and guidelines to prepare MCWP training materials, defines administrative criteria, and delivers elements required for proper training and familiarization. It applies to all types and sizes of MCWPs, as specified in ANSI/SAIA A92.9A, Design, Calculations, Safety Requirements and Test Methods, that are intended to position personnel along with their necessary tools and materials at work locations.

Projects Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

BSR/ASA S12.10-2010/Part 1 (R202x), Standard Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 1: Determination of Sound Power Level and Emission Sound Pressure Level (reaffirmation of ANSI/ASA S12.10-2010/Part 1 (R2020))
Send comments (copy psa@ansi.org) to: Raegan Ripley <standards@acousticalsociety.org>

BSR/ASA S12.10-2011/Part 2 (R202x), Standard Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 2: Declaration of Noise Emission Levels (reaffirmation of ANSI/ASA S12.10-2011/Part 2 (R2020))
Send comments (copy psa@ansi.org) to: Raegan Ripley <standards@acousticalsociety.org>

Final actions on American National Standards

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

ANSI/ASA S1.26-2014 (R2024), Methods for Calculation of the Absorption of Sound by the Atmosphere (reaffirmation of ANSI/ASA S1.26-2014 (R2019)) Final Action Date: 26 March 2024

ANSI/ASA S12.42-2010 (R2024), Methods for the Measurement of Insertion Loss of Hearing Protection Devices in Continuous or Impulsive Noise Using Microphone-in-Real-Ear or Acoustic Test Fixture Procedures (reaffirmation of ANSI/ASA S12.42-2010 (R2020)) Final Action Date: 26 March 2024

ANSI/UL 1682-2024, Standard for Safety for Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type (revision of ANSI/UL 1682-2022) Final Action Date: 28 March 2024

ANSI/CSA B44.10/ASME A17.10-2024, Escalator and moving walk braking systems (new standard) Final Action Date: 5 April 2024

ANSI/ASTM F3683-2024, Terminology Relating to Commercially Installed Basketball Equipment, Volleyball Equipment, Practice Cages and Divider Curtains for Indoor Public Venues (new standard) Final Action Date: 1 April 2024

ANSI/FM 4950-2024, Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (new standard) Final Action Date: 4 April 2024

ANSI/UL 153-2024, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2023) Final Action Date: 3 April 2024

Draft IEC & ISO documents

This section lists documents reported in ANSI's *Standards Action* 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 ANSI's ISO Team (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). ISO and IEC Drafts can be made available by contacting ANSI’s Customer Service department, sales@ansi.org.

ISO/IEEE DIS 82079-2, Preparation of information for use (instructions for use) of products - Part 2: Assembly of selfassembly products – 14 June 2024, $107.00

106/641/DTR, IEC TR 63167 ED2: Assessment of contact current related to human exposure to electric, magnetic and electromagnetic fields, 24 May 2024

1/2596A/CDV, IEC 60050-693 ED1: Management of network assets in power systems - Terminology, 7 June 2024

116/755/FDIS, IEC 62841-2-20 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-20: Particular requirements for hand-held band saws, 17 May 2024

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.

ISO 7029:2017/Amd 1:2024, - Amendment 1: Acoustics - Statistical distribution of hearing thresholds related to age and gender - Amendment 1: Correction of parameter values for estimating the hearing threshold distribution, $23.00

IEC 62061 Ed. 2.1 en:2024, Safety of machinery – Functional safety of safety-related control systems, $1030.00

IEC 62061 Amd.1 Ed. 2.0 b:2024, Amendment 1 - Safety of machinery - Functional safety of safety-related control systems, $52.00

ISO 20121:2024, Event sustainability management systems - Requirements with guidance for use, $250.00

ISO/IEC TR 24030:2024, Information technology – Artificial intelligence (AI) - Use cases, $278.00

IEC 61820-1-2 Ed. 1.0 b:2024, Electrical installations for lighting and beaconing of aerodromes - Part 1-2: Fundamental principles - Particular requirements for series circuits, $303.00

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TSP meetings

Visit esta.org/meetings any time for the latest meeting schedule.

NATEAC 2024, New York City College of Technology, Brooklyn, NY

Thursday, July 11

9am - 6pm:	TSP E1.73: NextGen-Uniform Device Representation (UDR) Task Group Room A106
10am - 11am:	TSP Followspot Working Group Room A209
12pm - 1pm:	TSP Fog & Smoke Working Group Room A209
2pm - 5pm:	TSP Stage Machinery Working Group Room A209
6pm - 9pm:	TSP Weapons Safety Working Group Room A209

Friday, July 12

9am - 12pm:	TSP NextGen Transport Task Group Room A104
10am - 12pm:	TSP Event Safety Working Group A209
1pm - 5pm:	TSP Control Protocols Working Group Room A209
6pm - 9pm:	TSP E1.77: sACN Security Task Group Room A104
6pm - 8pm:	TSP Rigging Working Group Room A209
7pm - 10pm:	ETCP Council Room A106

Saturday, July 13

9am - 12pm:	TSP E1.20 RDM Revision Task Group Room A104
10am - 12pm:	Members Advisory Committee Room A106
10am - 12pm:	TSP Electrical Power Working Group Room A209
1pm - 3pm:	ESTA Board Meeting Room A106
1pm - 5pm:	TSP E1.33 RDMnet Task Group Room A104
1pm - 4pm:	TSP Technical Standards Council Room A209

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