



ESTA Standards Watch

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An ESTA standard in public review

One ESTA standard is in public review at <http://estalink.us/pr>. It's a limited revision of **ANSI E1.21-2023, Temporary Structures Used for Technical Production of Outdoor Entertainment Events**. It references specific International Building Code clauses, but the clause numbers cited in E1.21 don't match the clause numbers in the current edition of the IBC. Only comments pertaining to the revisions noted in the draft document will be considered during this limited review. Read the public review explanation document posted with the draft E1.21 for additional details. Comments are due no later than 14 January 2024.

Virtual Training for Mental Health First Aid

On-line training to become a **Mental Health First Aider** is available with sessions scheduled for January 21 and 25 and February 5, 13, and 25. The course is delivered in two parts. The first is a two-hour self-paced online course that must be completed prior to an interactive six-hour virtual, live instructor-led session. 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. Visit btshelp.org/mhfa for more information and to reserve a place in the virtual classroom.

Mental Health First Aid is a training course that teaches how to identify and respond to signs of mental illnesses and substance use disorders. The training gives people the skills needed to provide initial help and support to someone who may be developing a mental health or substance use problem, or are experiencing a crisis, and to help connect them to the appropriate care.

Training for bystander intervention against bullying

Bystander Intervention in the Entertainment Workplace is a free webinar teaching how to intervene safely to stop an incident of bullying, harassment, or intimidation. These are common workplace stressors. These behaviors create a physically and psychologically unsafe workplace for everyone—not only for the immediate victim of the harassment. This webinar will teach how to safely intervene and help make a difference. The webinar is free but advance registration at btshelp.org/bystander is required to receive the Zoom login. Upcoming 2024 dates are January 22nd at 7pm ET, April 21 at 4pm ET, and July 22 at 7pm ET.

Last call for NATEAC 2024 proposals

The North American Theatre, Engineering, and Architecture Conference is issuing a request for proposals one more time for sessions that speak to one or more of the following topics:

- **Disabling People** – Understanding how the built environment creates physical obstacles and how to remove them from the design at every stage.
- **Building Advocacy** – What does it mean to be an advocate for belonging in an Architecture, Engineering, and Construction context?
- **Supporting Communities** – Breaking the pattern that the proscenium is the “main” stage, and the black box can support “everything else.” Every culture deserves an appropriate venue to tell their stories in their own unique way.
- **Communication** – Involving everyone in the conversations in the theatre, in the environment, and in the planning meetings.

Proposals will be considered as they are submitted, so the sooner the better. Submit your proposal at esta.org/rfp before Wednesday, January 31.

Public-facing buildings should welcome the public. In any solution that we create for these spaces, we need to ask ourselves, “Are all welcome here?” Have we created obstacles that will bar patrons or workers from fully utilizing these buildings? At NATEAC, the challenge this year is to use our creative voices to help each other understand what it means to belong in these facilities, so that we stop looking at accessibility as a code obligation and rather look at access to art as the point of the endeavor.

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.

United States of America Notification USA/20768

Notification date: 20 December 2023

Agency responsible: Postal Service (USPS)

USA WTO TBT Enquiry Point: usatbtep@nist.gov

Products covered: Hazardous and nonregulated toxic materials; outer packaging; Postal services; Protection against dangerous goods; Galvanic cells and batteries; Packaging and distribution of goods in general; Cases. Boxes. Crates

Title: New Mailing Standards for Hazardous Materials Outer Packaging and Nonregulated Toxic Materials (3 pages in English)

Description of content: Proposed rule - The Postal Service is proposing to amend Publication 52, Hazardous, Restricted, and Perishable Mail (Pub 52) by requiring specific outer packaging strength standards when mailing hazardous materials or dangerous goods and remove quantity restrictions for nonregulated toxic materials. Additionally, the Postal Service proposes to allow mailers to use poly or padded bags as outer packaging for shipments containing lithium batteries installed in the equipment they operate if the shipment does not display hazardous text, markings or labels as permitted in sections 349 and 622.

Objective and rationale: Consumer information, labelling; Protection of human health or safety

Relevant documents: 88 Federal Register (FR) 86868, 18 December 2023; Title 39 Code of Federal Regulations (CFR) Part 111, <https://www.govinfo.gov/content/pkg/FR-2023-12-15/pdf/2023-27643.pdf>

WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders by 4pm Eastern Time on 16 January 2024 will be shared with the USPS if received within the comment period.

G/TBT/N/USA/1886 and Add.1 - New Mailing Standards for the Separation of Hazardous Material Mailing Standards of the United States Postal Service, Publication 52 - Hazardous, Restricted, and Perishable Mail: <https://pe.usps.com/text/pub52/welcome.htm>

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 16 January 2024

Text: https://members.wto.org/crnattachments/2023/TBT/USA/23_14751_00_e.pdf

Philippines Notification PHL/312

Notification date: 14 December 2023

If applicable, name of local government involved (Article 3.2 and 7.2):

Agency responsible: Department of Energy, <https://www.doe.gov.ph>

Agency designated to handle comments:

MR. PATRICK T. AQUINO, CESO III

Director IV

Energy Utilization Management Bureau

Department of Energy

Energy Center, Rizal Drive cor. 34th St., Bonifacio Global City, Taguig City

Email: eumb.epred@doe.gov.ph; BPS@dti.gov.ph; BPS.SMD@dti.gov.ph

Products covered: Energy and heat transfer engineering

Title: REVISING THE MINIMUM ENERGY PERFORMANCE FOR PRODUCTS (MEPP) COVERED BY THE PHILIPPINE ENERGY LABELING PROGRAM (PELP) FOR COMPLIANCE OF IMPORTERS, MANUFACTURERS, DISTRIBUTORS, DEALERS, AND RETAILERS OF ENERGY CONSUMING PRODUCTS (2 pages and 3 pages in English)

Description of content: This Department Circular aims to amend some provisions in the MEPP Guidelines.

Objective and rationale: Consumer information, labelling

Relevant documents:

- Republic Act No. 7638 "Department of Energy (DOE) Act of 1992"
- Republic Act No. 11285 "Energy Efficiency and Conservation (EEC) Act"
- Department Circular No. (DC) DC2019-11-0014 or the EEC Act – Implementing Rules and Regulations (EEC-IRR)

Proposed date of adoption: To be determined

Proposed date of entry into force: This Department Circular shall take effect fifteen (15) days following its publication in at least two (2) newspapers of general circulation. Copies of this Department Circular shall be filed with the University of the Philippines Law Center - Office of the National Administrative Register.

Final date for comments: 26 January 2024

Texts available from: https://members.wto.org/crnattachments/2023/TBT/PHL/23_14508_01_e.pdf

https://members.wto.org/crattachments/2023/TBT/PHL/23_14508_00_e.pdf

Philippines Notification PhL/314

Notification date: 13 December 2023

Agency responsible: Department of Energy, <https://www.doe.gov.ph>

Agency designated to handle comments:

MR. PATRICK T. AQUINO, CESO III

Director IV

Energy Utilization Management Bureau

Department of Energy

Energy Center, Rizal Drive cor. 34th St., Bonifacio Global City, Taguig City

Email: eumb.epred@doe.gov.ph; BPS@dti.gov.ph; BPS.SMD@dti.gov.ph

Products covered: Domestic electrical appliances in general

Title: IMPLEMENTING GUIDELINES OF THE PHILIPPINE ENERGY LABELING PROGRAM FOR DISPLAY MONITORS (10 pages in English)

Description of content: Pursuant to Sections 5 and 9 of Department Circular No. 2020-06-0015, entitled "Prescribing the Guidelines of the Philippine Energy Labeling Program (PELP) for Compliance of Importers, Manufacturers, Distributors and Dealers of Electrical Appliances and Other Energy-Consuming Products (ECP)", the Implementing Guidelines for Display Monitors, including the Particular Product Requirements (PPR) and Code of Practice (COPE) are hereby issued for the information and guidance of all those concerned and for compliance by all manufacturers, importers, distributors, dealers, retailers, and other key stakeholders.

Objective and rationale: Consumer information, labelling

Relevant documents: Department Circular No. 2020-06-0015 "Prescribing the Guidelines of the Philippine Energy Labeling Program (PELP) for Compliance of Importers, Manufacturers, Distributors and Dealers of Electrical Appliances and Other Energy-Consuming Products (ECP)"

Proposed date of adoption: To be determined

Proposed date of entry into force: This IG shall take effect fifteen (15) days following its publication in at least two (2) newspapers of general circulation or the Official Gazette. Copies of this IG shall be filed with the University of the Philippines Law Center – Office of the National Administrative Register.

Final date for comments: 26 January 2024

Text available from: https://members.wto.org/crattachments/2023/TBT/PHL/23_14510_00_e.pdf

United States of America Notification USA/1289/Add.3

Notification date: 12 December 2023

USA WTO TBT Enquiry Point: usatbtep@nist.gov

Title: Safety Standard Addressing Blade-Contact Injuries on Table Saws

Reason for Addendum: Comment period changed - date: 1 February 2024; 88 Federal Register (FR) 85861, Title 16 Code of Federal Regulations (CFR) Part 1264,

<https://www.govinfo.gov/content/pkg/FR-2023-12-11/pdf/2023-27133.pdf>

Description: On 1 November 2023, the Consumer Product Safety Commission (Commission or CPSC) published in the Federal Register a supplemental notice of proposed rulemaking (SNPR) to promulgate a consumer product safety standard to address blade-contact injuries on table saws. The SNPR invited the public to submit written comments during a 60-day comment period beginning on the SNPR publication date and ending on 2 January 2024. In response to a request for an extension of the comment period, the Commission is extending the comment period to 1 February 2024.

The comment period for the proposed rule published 1 November 2023, at 88 FR 74909, is extended. Submit comments by 1 February 2024.

This action and previous actions notified under the symbol G/TBT/N/USA/1289 are identified by Docket Number CPSC-2011-0074. The Docket Folder is available on Regulations.gov at

<https://www.regulations.gov/docket/CPSC-2011-0074/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 1 February 2024. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with CPSC and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Final date for comments: 1 February 2024

United States of America Notification USA/873/Rev.2

Notification date: 18 December 2023

Agency responsible: Office of Energy Efficiency and Renewable Energy (OEERE), Department of Energy (DOE)

USA WTO TBT Enquiry Point: usatbtep@nist.gov

Products covered: Electric motors; Environmental protection; Motors

Title: Energy Conservation Program: Energy Conservation Standards for Expanded Scope Electric Motors (92 pages in English)

Description of content: Notice of proposed rulemaking and announcement of public meeting on 17 January 2024 - The Energy Policy and Conservation Act, as amended ("EPCA"), prescribes energy conservation standards for various consumer products and certain commercial and industrial equipment, including electric motors. In this notice of proposed rulemaking ("NOPR"), DOE proposes new energy conservation standards for a subset of electric motors, expanded scope electric motors, expressed in terms of average full-load efficiency, and also announces a public meeting to receive comment on these proposed standards and associated analyses and results.

DOE will hold a public meeting on Wednesday, 17 January 2024, from 10:00 am to 4:00 pm Eastern Time, in Washington, DC. This meeting will also be broadcast as a webinar.

Objective and rationale: Protection of the environment

Relevant documents: 88 Federal Register (FR) 87062, 15 December 2023; Title 10 Code of Federal Regulations (CFR) Parts 429 and 431, <https://www.govinfo.gov/content/pkg/FR-2023-12-15/pdf/2023-26531.pdf>

This notice of proposed rulemaking and announcement of public meeting is identified by Docket Number EERE-2020-BT-STD-0007. The Docket Folder is available from Regulations.gov at <https://www.regulations.gov/docket/EERE-2020-BT-STD-0007/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 13 February 2024. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with DOE and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Earlier related actions notified under the symbol G/TBT/N/USA/873 are identified by Docket Numbers EERE-2010-BT-STD-0027, and EERE-2020-BT-STD-0007. The Docket Folders are available from Regulations.gov at <https://www.regulations.gov/docket/EERE-2010-BT-STD-0027/document> and <https://www.regulations.gov/docket/EERE-2020-BT-STD-0007/document> providing access to primary and supporting documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Numbers.

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 13 February 2024

Text: https://members.wto.org/crnattachments/2023/TBT/USA/23_14698_00_e.pdf

United Arab Emirates, Kingdom of Bahrain, The State of Kuwait, Oman, Qatar, Kingdom of Saudi Arabia, Yemen Notification ARE/599, BHR/685, KWT/661, OMN/513, QAT/663, SAU/1318, YEM/270

Notification date: 20 December 2023

Agency responsible: Ministry of Industry & Advanced Technology (MOIAT), uaetbt@moiat.gov.ae

Products covered: Electric road vehicles

Title: Technical Requirements for Electric Vehicles (13 pages in English)

Description of content: This GCC draft of technical regulation is concerned with all battery electric vehicles with a speed of more than 25 km/h taking into consideration the compatibility with the relevant Gulf standards and regulations. The performance of the electrical vehicle is part of this regulation.

Objective and rationale: Prevention of deceptive practices and consumer protection; Protection of human health or safety; Protection of the environment; Quality requirements; Harmonization

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 60 days from notification, 18 February 2024

Full text: https://members.wto.org/crnattachments/2023/TBT/ARE/23_14768_00_e.pdf

ANSI public review announcements

The following documents have been announced for public review by ANSI and may be of material interest to *Standards Watch* readers. If you have comments on them, please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 29 January 2024

BSR/APCO 1.113.2-202X, Public Safety Communications Incident Handling Process (revision and redesignation of ANSI/APCO 1.113.1-2019)

The standard identifies the steps and decision-making points that should be taken while processing public safety requests for service. This revision and re-designated standard will also address call handling metrics based on empirical data to further refine and improve the overall process.

Single copy price: Free

Obtain an electronic copy from apcostandards@apcointl.org

Offer comments at <https://www.apcointl.org/services/standards/standards-reviewcomment/>

BSR/ASIS SRA-202x, Security Risk Assessment (revision and redesignation of ANSI/ASIS/RIMS RA.1-2015)

This Standard provides guidance for conducting risks assessments and applies specifically to security-related risks, which may include physical, non-physical, and logical risks. Security risks are understood to result from the intersection of threat, vulnerability, and consequence and should be associated with specific asset(s) that may be impacted.

Single copy price: \$25.00

Obtain an electronic copy from <https://www.asisonline.org/publications--resources/standards--guidelines/>

Send comments to Aivelis Opicka <standards@asisonline.org>

BSR/ASSP Z359.15-202x, Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems (revision and redesignation of ANSI ASSE Z359.15-2014)

This standard establishes requirements for the design criteria, qualification testing (performance requirements), marking and instructions, user inspections, maintenance and storage and removal from service of single anchor lifelines and fall arresters for users within the capacity range of 110 to 310 pounds (50 to 140 kg).

Single copy price: \$150.00

Obtain an electronic copy from and send comments to Lbauerschmidt@assp.org

BSR/BICSI 009-202x, Data Center Operations and Maintenance Best Practices (new standard)

The scope of the project is to define and provide a standardized set of data center operations and maintenance requirements and best practices. As the focus is on operations and maintenance, guidance is provided primarily for personnel and professionals with data center operations (e.g., management, technicians, contractors providing managed services, maintenance) but is also applicable to clients, customers, and other individuals working within or performing services to an operating data center.

Single copy price: Free

Obtain an electronic copy from jsilveira@bicsi.org

Send comments to Jeff Silveira <jsilveira@bicsi.org>

BSR/BICSI 002-202x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2019)

This standard provides best practices and implementation methods that complement TIA, CENELEC, ISO/IEC, and other published data center standards and documents. It is primarily a design standard, with installation requirements and guidelines related to implementing a design. The standard includes other installation requirements and guidelines for data centers where appropriate.

Single copy price: Free

Obtain an electronic copy from jsilveira@bicsi.org

Send comments to Jeff Silveira <jsilveira@bicsi.org>

BSR/NECA 700-202X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2016)

This standard describes the application procedures for selecting and adjusting low-voltage overcurrent protective devices to achieve selective coordination.

Single copy price: Member \$30.00 / Nonmember \$60.00

Obtain an electronic copy from NEIS@NECAnet.org or <https://neca-neis.org/public-comment-request---ALL>

Send comments to NEIS@NECAnet.org or <https://neca-neis.org/public-comment-request---ALL>

BSR/UL 60947-5-5-2019 (R202x), Standard for Low-Voltage Switchgear and Controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (reaffirmation of ANSI/UL 60947-5-5-2019)

Reaffirmation and continuance of the First Edition of the Standard for Low-Voltage Switchgear and Controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function, UL 60947-5-5, as an American National Standard.

Single copy price: Free

Access and offer comments at <https://csds.ul.com/ProposalAvailable>

Due 13 February 2024

BSR/ASME MUS-1-202x, Use of Unmanned Aircraft Systems (UAS) for Inspections (new standard)

This document provides the requirements for the utilization of Unmanned Aircraft Systems (UAS) to safely and reliably perform inspections to obtain quality data and repeatable results. It is the responsibility of the user of this standard to determine whether using a UAS to perform the inspection is the proper tool for the desired outcome. The vehicles used for inspection of assets involve rotary, Vertical Take-Off and Landing (VTOL) and fixed winged and hybrid platforms. In some conditions the use of a tethered system is recommended. This standard was written in mind to be utilized by many industries and not only comply with ASME code related inspections. The use of this standard provides the basis of using a UAS safely and reliably when carrying out inspections and can be applied for the inspection.

Single copy price: Free

Order from <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to Ray Rahaman, ansibox@asme.org

Due 19 February 2024

BSR/GBI 02-202X, Green Globes Assessment Protocol for Existing Buildings (revision of ANSI/GBI 02-2023)

The standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial existing buildings. Six areas of green building design will be included: environmental, social, and governance management; site; energy; water; materials; and indoor environment quality.

Single copy price: \$40.00

Access and offer comments at <https://thegbi.org/green-building-standards/green-building-standards-eb/>

Due 5 March 2024

BSR/UL 199-202x, Standard for Safety for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2023)

These requirements cover automatic sprinklers including conventional, spray, sidewall, extended coverage, residential, certain specific application sprinklers and storage sprinklers including early suppression fast response (ESFR) intended for installation on sprinkler systems for fire-protection service. Requirements for the installation and use of sprinklers are included in the National Building Code of Canada, Standards for the Installation of Sprinkler Systems, NFPA 13; Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, NFPA 13D; and Installation of Sprinkler Systems in Low-Rise Residential Occupancies, NFPA 13R; as well as other applicable NFPA Standards. Revisions include changes to clarify requirements and update testing details, and an option for reducing length of double row rack large scale fire test array.

Single copy price: Free

Order from <https://csds.ul.com/ProposalAvailable>

Send comments to Lauren Valentino, lauren.valentino@ul.org, <https://csds.ul.com/ProposalAvailable>

BSI public review announcements

The following draft British Standards documents have 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 22 January 2024

BS IEC 61156-14 ED1 Multicore and symmetrical pair/ quad cables for digital communications. Part 14: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Work area wiring - Sectional specification

This part of IEC 61156 describes cables for work area wiring intended to be used for transmission of 10 Mb/s over a single twisted pair in channels for distances of up to 1 km. The transmission characteristics of these cables are specified up to a frequency of 20 MHz and at a temperature of 20 °C. Depending on the MICE environment and the installation conditions, either unscreened or screened cables can be used. Furthermore, to consider different maximum transmission lengths, two sets of requirements are specified. The cable type A-1000W does not have attenuation de-rating compared to the A-1000 type according to IEC 61156-13 and is a design supporting up to 1 km channel length. The cable type A-400W has attenuation de-rating compared to the A-400 type according to IEC 61156-13. A blank detail specification can be found in Annex A.

Due 14 February 2024

BS EN IEC 60335-2-123 Ed.1.0, Household and similar electrical appliances - Safety. Part 2-123: Particular requirements for robots

This part of IEC 60335 deals with the reasonably foreseeable hazards and safety presented by the application of robotic technology to appliances for household and similar purposes under IEC TC 61 that are encountered by all persons. These resulting robots and mobile robots intended for household and similar purposes, have a rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances, including direct current (DC) supplied appliances and battery-operated appliances. This standard covers appliances for indoor use.

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 S12.2-202x, Criteria for Evaluating Room Noise (revision and redesignation of ANSI/ASA S12.2-2019 (R2023))

This standard specifies methods for evaluating interior ambient noise in buildings with respect to human acceptability for different activities. One metric used to describe sound levels in a room is the Noise Criteria (NC). Methods to calculate the NC are specified. Use of the A-weighted sound pressure level as a metric is also described. These metrics address the most common situation where the ambient noise is relatively stationary. It is recognized that acceptability of ambient noise depends upon its amplitude, frequency spectrum, and temporal characteristics. Methods for evaluating impulsive and time-varying noise, as well as noise containing audible tones or narrow band noise are addressed in informative annexes. ASA/ANSI S12.72 is normatively referenced for guidance in taking ambient noise measurements in buildings.

Contact Raegan Ripley <standards@acousticalsociety.org>

BSR/ASSP Z459.1-202x, Safety Requirements for Rope Access Systems (revision of ANSI/ASSP Z459.1-2021)

This standard sets forth accepted practices for rope access work. It is applicable for use in any environment where ropes are suspended from or connected to a structure or natural feature and used as the primary means of access, egress, or support and as the primary means of secondary protection against a fall. This standard is not intended to apply to recreational use of ropes or to methods used by professional emergency response personnel, although persons engaged in such activities may benefit from the advice, principles, and practices herein.

Contact Lauren Bauerschmidt <LBauerschmidt@assp.org>

BSR/BOMA Z65.2-202x, For Industrial Buildings: Standard Method of Measurement (revision of ANSI/BOMA Z65.2-2019)

The Industrial Standard is intended exclusively for industrial and flex buildings and their associated structures and may be applied to single tenant, multi-tenant or multi-building configurations. The 2019 Industrial Standard features a single method of measurement. It generates multiple load factors for various shared space types, such as building service area, floor service area, inter-building area, etc. these load factors are successively applied to occupant areas on a pro-rata basis.

Contact Kia Lor <klor@boma.org>

BSR/PMI 99-001-202X, The Standard for Project Management (revision of ANSI/PMI 99-001-2021)

The current edition of the Standard for Project Management needs to be updated to reflect the full value delivery landscape reflecting the view that projects are executed to deliver value and project teams can use a broad range of methods and approaches from traditional to cutting edge and innovative. The speed of change in the practice of project management necessitates the need to reflect the rapidly evolving practice of project management in all its current and future forms. The Standard needs to be updated to meet this maturation. A cover-to-cover revision is planned for continuous improvement and to address needed modifications.

Contact Lorna Scheel <lorna.scheel@pmi.org>

BSR/ACP 101-1-202x, The Small Wind Turbine Standard (addenda to ANSI/ACP 101-1-2021)

The goal of this standard is to provide meaningful criteria upon which to assess the quality of the engineering that has gone into a small wind turbine and to provide consumers with performance data that will help them make informed purchasing decisions and an assurance that a turbine has been certified to a national standard. The standard is intended to be written to ensure the quality of the product can be assessed while imposing only reasonable costs and difficulty on the manufacturer to comply with the standard.

Contact Duane Brown <dbrown@cleanpower.org>

BSR/ASME Y14.100-202x, Engineering Drawing Practices (revision of ANSI/ASME Y14.100-2017)

This standard establishes the essential requirements and reference documents applicable to the preparation and revision of manual or computer-generated engineering drawings and associated lists.

Contact Terrell Henry <ansibox@asme.org>

BSR/DS2023-06-100-202x, Interoperable Secure Cloud Fax (new standard)

The Interoperable Secure Cloud Fax standard defines a proposed American National Standard establishing the protocols and mechanisms to enable the exchange of documents via facsimile across multiple Cloud Fax platforms while providing for enhanced security, identity assurance, and non-repudiation among participants.

Contact Stacy Clements <standards@directtrust.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 Z535.2 2023, Standard for Environmental and Facility Safety Signs (revision of ANSI Z535.2-2011 (R2017)), 14 December 2023

ANSI Z535.4 2023-2023, Product Safety Signs and Labels (revision of ANSI Z535.4-2011 (R2017)), 14 December 2023

ANSI Z535.6 2023-2023, Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials (revision of ANSI Z535.6-2011 (R2017)), 14 December 2023

ANSI/AHRI Standard 1210-2023 (SI/I-P), Performance Rating of Variable Frequency Drives (new standard), 14 December 2023

ANSI/ASHRAE/IES Addendum e to ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for New Buildings and New Systems (addenda to ANSI/ASHRAE/IES Standard 202-2018), 29 December 2023

ANSI/ASTM E119-2023, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2022), 15 December 2023

ANSI/E1.23-2023, Entertainment Technology-Design, Execution, and Maintenance of Atmospheric Effects (revision of ANSI/E1.23-2020), 12 December 2023

ANSI/E1.42-2023, Safety Standard for Entertainment Lifts (revision of ANSI E1.42-2018), 12 December 2023

ANSI/E1.71-2023, Powered Curtain Machines (new standard), 12 December 2023

ANSI/E1.76-2023, Tension Wire Grids (new standard), 12 December 2023

ANSI/NECA 1-2023a, Standard for Good Workmanship in Electrical Construction (revision of ANSI/NECA 1-2023), 2 January 2024

ANSI/NFPA 204-2024, Standard for Smoke and Heat Venting (revision of ANSI/NFPA 204-2021), 21 December 2023

ANSI/NFPA 79-2024, Electrical Standard for Industrial Machinery (revision of ANSI/NFPA 79-2021), 21 December 2023

ANSI/NFPA 92-2024, Standard for Smoke Control Systems (revision of ANSI/NFPA 92-2021), 21 December 2023

ANSI/PGMA G300-2023, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2018), 19 December 2023

INCITS/ISO/IEC 4005-1:2023 [2023], Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) - Part 1: Communication model and requirements (identical national adoption of ISO/IEC 4005-1:2023), 31 December 2023

INCITS/ISO/IEC 4005-2:2023 [2023], Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) - Part 2: Physical and data link protocols for shared communication (identical national adoption of ISO/IEC 4005-2:2023), 31 December 2023

INCITS/ISO/IEC 4005-3:2023 [2023], Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) - Part 3: Physical and data link protocols for control communication (identical national adoption of ISO/IEC 4005-3:2023), 31 December 2023

INCITS/ISO/IEC 4005-4:2023 [2023], Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) - Part 4: Physical and data link protocols for video communication (identical national adoption of ISO/IEC 4005-4:2023), 31 December 2023

INCITS/ISO/IEC 5021-1:2023 [2023], Telecommunications and information exchange between systems - Wireless LAN access control - Part 1: Networking architecture (identical national adoption of ISO/IEC 5021-1:2023), 31 December 2023

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.

125/91/FDIS, IEC 63281-2-1 ED1: E-Transporters - Part 2-1: Safety requirements and test methods for personal eTransporters, 19 January 2024

44/1020/FDIS, IEC 62061/AMD1 ED2: Amendment 1 - Safety of machinery - Functional safety of safety-related control systems, 2 February 2024

JTC1-SC41/392/CD, ISO/IEC 30178 ED1: Internet of Things (IoT) - Data format, value and coding, 2 February 2024

JTC1-SC25/3208/CD, Guidelines for the use of balanced single-pair applications within a balanced 4-pair cabling system, 2 February 2024

110/1601/CD, IEC TR 63145-202-40 ED1: Eyewear display – Part 202-40: General information of AR type - Frontal stray lights, 16 February 2024

ISO/IEC DIS 42005, Information technology - Artificial intelligence - AI system impact assessment, 25 February 2024, \$107.00

ISO/DIS 37001, Anti-bribery management systems -Requirements with guidance for use, 29 February 2024, \$125.00

34/1152/NP, PNW 34-1152 ED1: Measurement of ozone production from UV-C radiation sources and luminaires, 1 March 2024

34/1153/NP, PNW 34-1153 ED1: Low-pressure mercury discharge UV radiation sources for germicidal purpose – Safety specifications, 1 March 2024

JTC1-SC41/394/NP, PNW JTC1-SC41-394 ED1: Internet of Things (IoT) - Edge computing gateway interoperability framework, 8 March 2024

JTC1-SC41/395/NP, PNW JTC1-SC41-395 ED1: Internet of Things (IoT) - Multi-modal underwater wireless communication technologies - Part 1: Overview and requirements, 8 March 2024

JTC1-SC41/397/NP, PNW JTC1-SC41-397 ED1: Internet of things - Interoperability for IoT systems - Part 5: Behavioural and policy interoperability, 8 March 2024

JTC1-SC41/384/CDV, ISO/IEC 30184 ED1: Internet of Things (IoT) - Autonomous IoT object identification in connected home -Requirements and framework, 15 March 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/IEC 42001:2023, Information technology – Artificial intelligence - Management system, \$237.00

ISO 45006:2023, Occupational health and safety management -Guidelines for organizations on preventing, controlling and managing infectious diseases, \$183.00

ISO/IEC 5338:2023, Information technology - Artificial intelligence - AI system life cycle processes, \$210.00

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TSP meetings

The next set of TSP working group meetings will be at the Wyndham Anaheim, scheduled to coincide with The NAMM Show 2024, to be held January 25–28, 2024 at the Anaheim Convention Center. The meeting schedule, shown below, is now posted at <https://esta.org/ESTA/meetings.php>. Note that all meeting times are shown in Pacific Standard Time (UTC-8:00).

Wednesday, 24 January

16:00 – 20:00 Photometrics Working Group

Thursday, 25 January

10:00 – 13:00 Control Protocols Working Group

14:00 – 16:00 Stage Machinery Working Group

17:00 – 19:00 Floors Working Group

18:00 – 20:00 Behind the Scenes Happy Hour at the Marriott Anaheim

Friday, 26 January

09:00 – noon BSR E1.6-1 Task Group

10:00 – noon Fog & Smoke Working Group

19:00 – 22:00 Electrical Power Working Group

Saturday, 27 January

09:00 – noon BSR E1.6-1 Task Group

10:00 – 13:00 Weapons Safety Working Group

10:00 – 14:00 BSR E1.56 Task Group

14:00 – 17:00 Event Safety Working Group

18:00 – 22:00 Rigging Working Group

Sunday, 28 January

09:00 – 13:00: Technical Standards Council

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