Technical Standards Program

ESTA Standards Watch

June 2022 Volume 26, Number 11

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Proposed IBC changes affecting ANSI E1.21 open for comment

The International Code Council's cdpACCESS is accepting public comments for the 2022 Group B International Codes through the end of the day Pacific Time on June 20th. There is an International Building Code change, S116-22 proposal 8365, that affects ESTA's ANSI E1.21 by referencing it in the IBC but requiring design to a higher wind speed than E1.21 now requires. The 13-page proposal is available at http://estalink.us/r488e.

If after reading the proposal you want to submit a public comment, you can do so via CDPAccess. Log-in or register (a CDPAccess account is free) at https://www.cdpaccess.com/login/. Once you are logged in, the instructions for how to submit a public comment can be found on the right side of the page, in the column of help links, “Creating a public comment”. It's useful to have two tabs in your browser open so you can move back and forth between the instructions and the page where you can make a comment.

WTO Technical Barrier to Trade notifications

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

Ukraine Notification UKR/215

Date issued: 31 May 2022
Agency responsible: Verkhovna Rada of Ukraine, Supreme Council
National inquiry point: WTO National Enquiry Point & Information Processing Centre
Products covered: Organic products

Title: Law of Ukraine No 2246 "On amendments to some laws of Ukraine on uninterrupted production and supply of agricultural products during martial law" of 12 May 2022; (4 pages in Ukrainian)
Description of content: The Law provides, inter alia, for possibility for Ukrainian producers of organic products, which are produced according to EU standards, to switch to Ukrainian production standards without an additional transitional period (if it takes place within the same certification body) for the duration of martial law.
The Law is also notified in accordance with the provisions of the SPS Agreement.
Objective and rationale: Support for the organic branch of the agrarian sector of Ukraine
Relevant documents: Law of Ukraine "On Basic Principles and Requirements for Organic Production, Circulation and Labeling of Organic Products"
Proposed date of adoption: 12 May 2022
Proposed date of entry into force: 27 May 2022
Final date for comments: Not given by country
Full text: https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR215(english).pdf

Viet Nam Notification VNM/230
Date issued: 3 June 2022
Agency responsible: Ministry of Industry and Trade (MOIT)
National inquiry point: WTO TBT Enquiry Point Vietnam
Products covered: Products of explosives - Trinitrotoluen [sic] explosive (HS 3602.00.00)
Title: Draft National technical regulation safety of industrial explosive materials - Trinitrotoluen explosives (TNT); (11 pages in Vietnamese)
Description of content: This draft National technical regulation specifies requirements for technical specifications, testing methods and management measures for Trinitrotoluen explosives (TNT). This draft National technical regulation applies to organizations and individuals having activities related to Trinitrotoluen explosives (TNT) in the territory of Vietnam and other relevant organizations and individuals.
Objective and rationale: Protection of human health or safety; Quality requirements
Relevant documents:
• Law on governance and use of weapons, explosives and supporting tools;
• Law on quality of products and goods;
• QCVN 01:2019/BCT – National technical regulation on safety in the process of production, testing, acceptance, storage, transportation, use, disposal of industrial explosive material and storage of explosive precursors;
• QCVN 02:2015/BCT - National technical regulation on Electric detonators;
• Circular No. 13/2018/TT-BCT dated June 15, 2018 of the Ministry of Industry and Trade;
• Circular No. 31/2020/TT-BCT dated November 30, 2020 of the Ministry of Industry and Trade
Proposed date of adoption: 1 September 2022
Proposed date of entry into force: Not given by country
Final date for comments: 2 August 2022
Full text: https://tsapps.nist.gov/notifyus/docs/wto_country/VNM/full_text/pdf/VNM230(vietnamese).pdf

Viet Nam Notification VNM/231
Date issued: 3 June 2022
Agency responsible: Ministry of Industry and Trade (MOIT)
National inquiry point: WTO TBT Enquiry Point Vietnam
Products covered: Products of explosives - Hexogen explosives (HS 3602.00.00)
Title: Draft National technical regulation on safety of industrial explosive materials - Hexogen explosives; (11 pages in Vietnamese)
Description of content: This draft National technical regulation specifies requirements for technical specifications, testing methods and management measures for Hexogen explosives. This draft National technical regulation applies to organizations and individuals having activities related to Hexogen explosives in the territory of Vietnam and other relevant organizations and individuals.
Objective and rationale: Protection of human health or safety; Quality requirements
10. Relevant documents:
• Law on quality of products and goods;

• QCVN 01:2019/BCT – National technical regulation on safety in the process of production, testing, acceptance, storage, transportation, use, disposal of industrial explosive material and storage of explosive precursors;
• QCVN 02:2015/BCT - National technical regulation on Electric detonators;
• Circular No. 13/2018/TT-BCT dated June 15, 2018 of the Ministry of Industry and Trade;
• Circular No. 31/2020/TT-BCT dated November 30, 2020 of the Ministry of Industry and Trade
Proposed date of adoption: 1 September 2022
Proposed date of entry into force: Not given by country
Final date for comments: 2 August 2022
Full text: https://tsapps.nist.gov/notifyus/docs/wto_country/VNM/full_text/pdf/VNM231(vietnamese).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 18 July 2022

BSR/ASSP A10.32-202X, Personal Fall Protection Used in Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.32-2012)
This standard establishes safety requirements and performance criteria for active fall protection systems and their associated equipment used in construction and demolition. This includes guidelines for the planning, configuration, selection, installation, user training, operation, inspection and maintenance of equipment that is utilized in active fall protection systems. These systems create a personal interface with the worker via fitted equipment worn on the body while performing construction and demolition tasks at heights.
Single copy price: $110.00
Order from and send comments to Tim Fisher, TFisher@ASSP.Org

Due 2 August 2022

BSR/UL 8400-202X, Standard for Safety for Virtual Reality, Augmented Reality and Mixed Reality Technology Equipment - Part 1: Safety (new standard)
This standard is applicable to the safety of electrical and electronic equipment within the field of virtual reality, augmented reality and mixed reality technology with a rated voltage not exceeding 600 V. Examples include but not limited to VR/AR/MR head-mounted displays, holographic displays, AR glasses, hand-held AR devices and VR simulators. This standard does not address its physiological and psychological effects other than virtual reality sickness (whose symptoms are similar to motion sickness). The standard does not cover risk of electrical shock, fire, thermal burn and other product safety aspects already covered by the UL/IEC 62368-1 requirements for wearable electronics other than by reference.
Single copy price: Free
Access and offer comments at https://csds.ul.com/Home/ProposalsDefault.aspx

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CSA public review announcement

The CSA Group has announced a draft document for public review that might be of interest to *Standards Watch* readers. To participate in CSA public reviews, please visit: http://publicreview.csa.ca/.

Due 1 August 2022

C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4762 - Standard conductor sizes (cross-sectional area) (amendment)
A) Remove mm^2 references from conductor ampacity tables (Tables 1 – 4).

(B) Modify Rule 4-002 as follows:

4-002 Size of conductors

1) Except for flexible cord, equipment wire, control circuit insulated conductors, and cable, insulated conductors shall be not smaller than No. 14 AWG when made of copper and not smaller than No. 12 AWG when made of aluminum.

2) Notwithstanding Subrule 1), use of conductors in IEC (mm^2) sizes shall be permitted as specified in Table D18, provided that:
a) the ampacity of IEC (mm^2) conductors is not less than the ampacity specified in AWG or kcmil; and
b) the ampacity is selected in accordance with Rule 4-004.

(C) Add new Table D18 as follows:
[The new Table D18 correlates AWG wire sizes with standard IEC (mm^2) conductor cross sectional areas as referenced in IEC 60228.]

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.

INCITS/ISO/IEC 9594-1:2020 [202x], Information technology - Open systems interconnection - Part 1: The Directory: Overview of concepts, models and services (identical national adoption of ISO/IEC 9594-1:2020 and revision of INCITS/ISO/IEC 9594-1:2017 [2018])
Provides the directory capabilities required by many application-layer standards and telecommunication services. Among the capabilities which it provides are those of "user-friendly naming", whereby objects can be referred to by names which are suitable for citing by human users (though not all objects need have user-friendly names); and "name-to-address mapping" which allows the binding between objects and their locations to be dynamic.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-2:2020 [202x], Information technology - Open systems interconnection - Part 2: The Directory: Models (identical national adoption of ISO/IEC 9594-2:2020 and revision of INCITS/ISO/IEC 9594-2:2017 [2018])
Provides a conceptual and terminological framework for the other ITU-T X.500-series Recommendations | parts of ISO/IEC 9594 which define various aspects of the Directory. The functional and administrative authority models define ways in which the Directory can be distributed, both functionally and administratively. Generic Directory System Agent (DSA) and DSA information models and an Operational Framework are also provided to support Directory distribution.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-3:2020 [202x], Information technology - Open systems interconnection - Part 3: The Directory: Abstract service definition (identical national adoption of ISO/IEC 9594-3:2020 and revision of INCITS/ISO/IEC 9594-3:2017 [2018])
Defines in an abstract way the externally visible service provided by the Directory. This document does not specify individual implementations or products.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-4:2020 [202x], Information technology - Open systems interconnection - Part 4: The Directory: Procedures for distributed operation (identical national adoption of ISO/IEC 9594-4:2020 and revision of INCITS/ISO/IEC 9594-4:2017 [2018])
Specifies the behavior of DSAs taking part in a distributed directory consisting of multiple Directory systems agents (DSAs) and/or LDAP servers with at least one DSA. The allowed behavior has been designed to ensure a consistent service given a wide distribution of the DIB across a distributed directory. Only the behavior of DSAs taking part in a distributed directory is specified. The behavior of LDAP servers are specified in relevant LDAP specifications. There are no special requirements on an LDAP server beyond those given by the LDAP specifications.

Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-5:2020 [202x], Information technology - Open systems interconnection - Part 5: The Directory: Protocol specifications (identical national adoption of ISO/IEC 9594-5:2020 and revision of INCITS/ISO/IEC 9594-5:2017 [2018])
Specifies the Directory Access Protocol, the Directory System Protocol, the Directory Information Shadowing Protocol, and the Directory Operational Binding Management Protocol which fulfill the abstract services specified in Rec. ITU-T X.511 | ISO/IEC 9594-3, Rec. ITU-T X.518 | ISO/IEC 9594-4, Rec. ITU-T X.525 | ISO/IEC 9594-9, and Rec. ITU-T X.501 | ISO/IEC 9594-2.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-6:2020 [202x], Information technology - Open systems interconnection - Part 6: The Directory: Selected attribute types (identical national adoption of ISO/IEC 9594-6:2020 and revision of INCITS/ISO/IEC 9594-6:2017 [2018])
Defines a number of attribute types and matching rules which may be found useful across a range of applications of the Directory.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-7:2020 [202x], Information technology - Open systems interconnection - Part 7: The Directory: Selected object classes (identical national adoption of ISO/IEC 9594-7:2020 and revision of INCITS/ISO/IEC 9594-7:2017 [2018])
Defines a number of object classes and name forms which may be found useful across a range of applications of the Directory. The definition of an object class involves listing a number of attribute types which are relevant to objects of that class. The definition of a name form involves naming the object class to which it applies and listing the attributes to be used in forming names for objects of that class. These definitions are used by the administrative authority which is responsible for the management of the directory information.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-8:2020 [202x], Information technology - Open systems interconnection - Part 8: The Directory: Public-key and attribute certificate frameworks (identical national adoption of ISO/IEC 9594-8:2020 and revision of INCITS/ISO/IEC 9594-8:2017 [2018])
Addresses some of the security requirements in the areas of authentication and other security services through the provision of a set of frameworks upon which full services can be based. Specifically, this Recommendation | International Standard defines frameworks for public-key certificates; and attribute certificates.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-9:2020 [202x], Information technology - Open systems interconnection - Part 9: The Directory: Replication (identical national adoption of ISO/IEC 9594-9:2020 and revision of INCITS/ISO/IEC 9594-9:2017 [2018])
Specifies a shadow service which Directory system agents (DSAs) may use to replicate Directory information. The service allows Directory information to be replicated among DSAs to improve service to Directory users. The shadowed information is updated, using the defined protocol, thereby improving the service provided to users of the Directory.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-11:2020 [202x], Information technology - Open systems interconnection directory – Part 11: Protocol specifications for secure operations (identical national adoption of ISO/IEC 9594-11:2020)
Provides guidance on how to prepare new and old protocols for cryptographic algorithm migration, and defines auxiliary cryptographic algorithms to be used for migration purposes.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-2:2020/AM1:2021 [202x], Information technology - Open systems interconnection - Part 2: The Directory: Models - Amendment 1 (identical national adoption of ISO/IEC 9594-2:2020/AM1:2021)
Amendment 1 to ISO/IEC 9594-2:2020.
Deborah Spittle, comments@standards.incits.org

INCITS/ISO/IEC 9594-8:2020/COR1:2021 [202x], Information technology - Open systems interconnection – Part 8: The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 1
(identical national adoption of ISO/IEC 9594-8:2020/COR1:2021)
Technical Corrigendum 1 to ISO/IEC 9594-8:2020.
Deborah Spittle, comments@standards.incits.org

BSR/CTA 2117-202x, Guidelines for Managing, Characterizing, and Safeguarding Data in Artificial Intelligence (new standard)
This document will address the unique considerations for managing, characterizing, and safeguarding data in Artificial Intelligence (AI).
Catrina Akers, cakers@cta.tech

INCITS 580-202x, Information Technology - Inclusive Terminology (new standard)
Provides requirements, recommendations, and guidance on the use of inclusive terminology for human and machine-readable contexts in the information and communication technology sector. Inclusive terminology is terminology perceived or likely to be perceived as neutral or welcoming by everyone, regardless of their sex, gender, race, color, religion, etc.
Deborah Spittle, comments@standards.incits.org

BSR C136.48-202X, Roadway and Area Lighting Equipment - Wireless Networked Lighting Controllers
(revision of ANSI C136.48-2018)
This standard defines the minimum requirements for wireless networked lighting controllers (NLC) intended for use with roadway and area lighting systems.
David Richmond, David.Richmond@nema.org

BSR NEMA 61800-9-1-202x, Adustable Speed Drives - Electrical Power Drive System - Part 1: General Requirements - Rating Specifications for Low Voltage Adjustable Speed d.c. Power Drive Systems
(identical national adoption of IEC 61800-9-1-2017 Ed. 1)
IEC 61800-9-1:2017 specifies the general methodology to energy efficiency standardization for any extended product by using the guidance of the extended product approach (EPA). This document specifies the methodology of determination of losses of the extended product and its sub-parts. It is applicable to motor systems operated by a motor starter or by a converter (power drive systems).
David Richmond, David.Richmond@nema.org

BSR NEMA 61800-9-2-202x, Adustable Speed Drives - Electrical Power Drive System - Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters (identical national adoption of IEC 61800-9-2-2017 Ed. 1)
This part of IEC 61800 specifies energy efficiency indicators of power electronics (complete drive modules, CDM), power drive systems (PDS) and motor starters, all used for motor driven equipment. It specifies the methodology for the determination of losses of the complete drive module (CDM), the power drive system (PDS) and the motor system. It defines IE and IES classes, their limit values and provides test procedures for the classification of the overall losses of the motor system. Furthermore, this document proposes a methodology for the implementation of the best energy efficiency solution of drive systems. This depends on the architecture of the motor driven system, on the speed/load profile and on the operating points over time of the driven equipment.
David Richmond, David.Richmond@nema.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/ASHRAE/ICC/IES/USGBC Addendum g to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020), 31 May 2022

ANSI/ASHRAE/ICC/IES/USGBC Addendum j to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020), 31 May 2022

ANSI/ASHRAE/IES Addendum bd to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019), 31 May 2022

ANSI/ASHRAE/IES Addendum bf to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019), 31 May 2022

ANSI/ASME Y14.46-2022, Product Definition Practices for Additive Manufacturing (new standard), 19 May 2022

ANSI/IES RP-43-2022, Recommended Practice: Lighting Exterior Applications (illuminance table only) (new standard), 31 May 2022

INCITS/ISO/IEC 23360-1-1:2021 [2022], Linux Standard Base (LSB) - Part 1-1: Common definitions (identical national adoption of ISO/IEC 23360-1-1:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-1-2:2021 [2022], Linux Standard Base (LSB) - Part 1-2: Core specification generic part (identical national adoption of ISO/IEC 23360-1-2:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-1-3:2021 [2022], Linux Standard Base (LSB) - Part 1-3: Desktop specification generic part (identical national adoption of ISO/IEC 23360-1-3:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-1-4:2021 [2022], Linux Standard Base (LSB) - Part 1-4: Languages specification (identical national adoption of ISO/IEC 23360-1-4:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-1-5:2021 [2022], Linux Standard Base (LSB) - Part 1-5: Imaging specification (identical national adoption of ISO/IEC 23360-1-5:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-2-2:2021 [2022], Linux Standard Base (LSB) - Part 2-2: Core specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-2:2021 and revision of INCITS/ISO/IEC 23360 -2:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-2-3:2021 [2022], Linux Standard Base (LSB) - Part 2-3: Desktop specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-3:2021 and revision of INCITS/ISO/IEC 23360-2:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-3-2:2021 [2022], Linux Standard Base (LSB) - Part 3-2: Core specification for IA64 (Itanium) architecture (identical national adoption of ISO/IEC 23360-3-2:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-3-3:2021 [2022], Linux Standard Base (LSB) - Part 3-3: Desktop specification for IA64 (Itanium™) architecture (identical national adoption of ISO/IEC 23360-3-3:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-4-2:2021 [2022], Linux Standard Base (LSB) - Part 4-2: Core specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-2:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-4-3:2021 [2022], Linux Standard Base (LSB) - Part 4-3: Desktop specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-3:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-5-2:2021 [2022], Linux Standard Base (LSB) - Part 5-2: Core specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-2:2021 and revision of INCITS/ISO/IEC 23360 -5:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-5-3:2021 [2022], Linux Standard Base (LSB) - Part 5-3: Desktop specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-3:2021 and revision of INCITS/ISO/IEC 23360 -5:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-6-2:2021 [2022], Linux Standard Base (LSB) - Part 6-2: Core specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-2:2021 and revision of INCITS/ISO/IEC 23360 -6:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-6-3:2021 [2022], Linux Standard Base (LSB) - Part 6-3: Desktop specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-3:2021 and revision of INCITS/ISO/IEC 23360 -6:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-7-2:2021 [2022], Linux Standard Base (LSB) - Part 7-2: Core specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-2:2021 and revision of INCITS/ISO/IEC 23360 -7:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-7-3:2021 [2022], Linux Standard Base (LSB) - Part 7-3: Desktop specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-3:2021 and revision of INCITS/ISO/IEC 23360 -7:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-8-2:2021 [2022], Linux Standard Base (LSB) - Part 8-2: Core specification for S390X architecture (identical national adoption of ISO/IEC 23360-8-2:2021 and revision of INCITS/ISO/IEC 23360 -8:2006 [R2020]), 31 May 2022

INCITS/ISO/IEC 23360-8-3:2021 [2022], Linux Standard Base (LSB) - Part 8-3: Desktop specification for S390X architecture (identical national adoption of ISO/IEC 23360-8-3:2021 and revision of INCITS/ISO/IEC 23360 -8:2006 [R2020]), 31 May 2022

ANSI/UL 879A-2016 (R2022), Standard for Safety for LED Sign and Sign Retrofit Kits (reaffirmation of ANSI/UL 879A-2016), 19 May 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 shown are for purchases through ANSI. (Not all have prices.) 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/DIS 24495-1, Plain language - Part 1: Governing principles and guidelines, 27 March 2022 [*sic*], $67.00

ISO/IEC DIS 27032, Cybersecurity - Guidelines for Internet security, 4 August 2022, $93.00

ISO/IEC DIS 27071, Cybersecurity - Security recommendations for establishing trusted connections between devices and services, 5 August 2022, $88.00

ISO/IEC DIS 24029-2, Artificial intelligence (AI) - Assessment of the robustness of neural networks - Part 2: Methodology for the use of formal methods, 5 August 2022, $82.00

34/916/CDV, IEC 62471-7 ED1: Photobiological safety of lamps and lamp systems - Part 7: Light sources and luminaires primarily emitting visible radiation, 12 August 2022

ISO/DIS 37184, Sustainable mobility and transportation - Framework for transportation services by providing meshes for 5G communication, 19 August 2022, $46.00

100/3778/CD, IEC 60268-24 ED1: SOUND SYSTEM EQUIPMENT - Part 24: Headphones and earphones - active acoustic noise cancelling characteristics, 19 August 2022

65B/1221/CD, IEC 61131-3 ED4: Programmable controllers Part 3: Programming languages, 19 August 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 62040-1 Ed. 2.1 b:2021, Uninterruptible power systems (UPS) - Part 1: Safety requirements, $569.00

IEC 62040-1 Amd.1 Ed. 2.0 b:2021, Amendment 1 Uninterruptible power systems (UPS) - Part 1: Safety requirements, $13.00

IEC 62477-1 Ed. 2.0 b:2022, Safety requirements for power electronic converter systems and equipment - Part 1: General, $443.00

IEC 61131-9 Ed. 2.0 b:2022, Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI), $443.00

IEC 62657-3 Ed. 1.0 b:2022, Industrial communication networks Coexistence of wireless systems - Formal description of the automated coexistence management and application guidance, $259.00

IEC 62657-4 Ed. 1.0 b:2022, Industrial communication networks Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications, $417.00

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 meeting schedule

The following set of meetings are scheduled to be September 15 through 18 at the Marriott Westlake in Westlake, Texas, with attendance being in-person and via WebEx. Visit https://www.esta.org/ESTA/meetings.php for details.

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

Find out about the Plugfests at http://tsp.esta.org/tsp/news/plugfest.html.

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

Photometrics Working Group	19:00 – 22:00 EDT	Thursday 22 September

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