



Technical Standards Program

ESTA Standards Watch

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Table of Contents

FCC denies Sennheiser and Shure reconsideration petitions about vacant TV channels.....	1
WTO Technical Barrier to Trade notifications.....	1
United States of America Notification USA/1865.....	1
United States of America Notification USA/1870.....	2
ANSI public review announcements.....	3
Due 27 June 2022.....	3
Due 4 July 2022.....	3
Due 12 July 2022.....	3
Due 19 July 2022.....	6
CSA public review announcements.....	6
Due 18 July 2022.....	6
Due 19 July 2022.....	6
New ANS projects.....	7
Final actions on American National Standards.....	7
Draft IEC & ISO documents.....	8
Recently published IEC & ISO documents.....	10
TSP meeting schedule.....	11
Investors in Innovation, supporters of ESTA's Technical Standards Program.....	12

FCC denies Sennheiser and Shure reconsideration petitions about vacant TV channels

The FCC has denied the Petitions for Reconsideration filed by Sennheiser Electronic Corporation (Sennheiser) and Shure Incorporated (Shure) requesting reconsideration and reversal of a Commission Report and Order that declined to adopt rules proposed in a 2015 Notice of Proposed Rulemaking (2015 NPRM) to preserve a vacant channel in the television bands for use by white space devices and wireless microphones and terminated the proceeding. However, the Commission says it is committed to supporting white space devices and wireless microphones. It has pursued, and continues to pursue, avenues to ensure adequate spectrum availability for the important services they provide. More information is available in the 21-page notice at <https://docs.fcc.gov/public/attachments/FCC-22-33A1.pdf>

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 a TBT from the United States 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/1865

Date issued: 20 May 2022

Agency responsible: Federal Communications Commission (FCC)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Interoperable video conferencing service

Title: Interoperable Video Conferencing Service; (3 pages in English)

Description of content: Proposed rule - In this document, the Consumer and Governmental Affairs Bureau (CGB or Bureau) of the Federal Communications Commission (FCC or Commission) seeks to refresh the record on proposed rules to enable people with disabilities to access and use interoperable video conferencing services by requesting further comment on the kinds of services encompassed by the term "interoperable video conferencing service," a type of advanced communications service.

Objective and rationale: Prevention of deceptive practices and consumer protection

Relevant documents: 87 Federal Register (FR) 30442, 19 May 2022; Title 47 Code of Federal Regulations (CFR) Part 14: <https://www.govinfo.gov/content/pkg/FR-2022-05-19/pdf/2022-10784.pdf>

This proposed rule is identified by Docket Number 10-213, FCC DA-22-463. The Docket Folder is available on the FCC's website at <https://www.fcc.gov/edocs/search-results?t=quick&daNo=22-463&dockets=10-213> and provides access to associated documents as well as comments received (if any). Documents are also accessible from the FCC's Electronic Document Management System (EDOCS) by searching the IB Docket Number. Comments are due on or before 21 June 2022; reply comments are due on or before 18 July 2022. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point by or before 4pm Eastern Time on 21 June 2022. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the FCC Electronic Comment Filing System (ECFS) if received within the comment period.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 21 June 2022

Full text: <https://www.govinfo.gov/content/pkg/FR-2022-05-19/pdf/2022-10784.pdf>

United States of America Notification USA/1870

Date issued: 24 May 2022

Agency responsible: Department of Health and Human Services; Food and Drug Administration

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Certain medical gases [including cryogenic gases and containers]

Title: Current Good Manufacturing Practice, Certification, Postmarketing Safety Reporting, and Labeling Requirements for Certain Medical Gases; (55 pages in English)

Description of content: Proposed rule - The Food and Drug Administration (FDA, the Agency, or we) is proposing new regulations that would amend the requirements concerning current good manufacturing practice (CGMP) and postmarketing safety reporting that apply to certain medical gases. FDA further proposes to establish regulations regarding certification of designated medical gases and amend the labeling regulations that apply to certain medical gases. This action, if finalized, will clarify the regulatory obligations of entities that manufacture, process, pack, label, or distribute certain medical gases, as well as reduce regulatory burden in this area. This proposed rule is intended to establish requirements that are more specifically tailored to the medical gas industry.

Objective and rationale: Consumer information, labelling; Protection of human health or safety; Quality requirements; Cost saving and productivity enhancement

Relevant documents: 87 Federal Register (FR) 31302, 23 May 2022; Title 21 Code of Federal Regulations (CFR) Parts 4, 16, 201, 210, 211, 213, 230, 314, and 514: <https://www.govinfo.gov/content/pkg/FR-2022-05-23/pdf/2022-10458.pdf>

This proposed rule is identified by Docket Number FDA-2021-N-1333. The Docket Folder is available from Regulations.gov at <https://www.regulations.gov/docket/FDA-2021-N-1333/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 22 August 2022. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 22 August 2022

Full text: <https://www.govinfo.gov/content/pkg/FR-2022-05-23/pdf/2022-10458.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 27 June 2022

BSR/UL 1322-2017 (R202x), Standard for Fabricated Scaffold Planks and Stages (reaffirmation of ANSI/UL 1322-2017)

These requirements cover the following: wood, metal, or a combination of wood and metal fabricated planks; fabricated platforms for use with suspended, fixed, or rolling scaffold; modular suspended platforms; scaffold decks; mobile work stands; work cages (baskets), and platforms with one, two, or multiple points. These requirements do not cover: suspended scaffold components, accessories for use with or in the erection of fixed or rolling scaffolds; the construction or installation of scaffolding; hoists intended for use with suspended scaffolds; or suspended platforms utilizing angled or articulating sections.

Single copy price: Free

Access and offer comments at <https://csds.ul.com/Home/ProposalsDefault.aspx>

Due 4 July 2022

BSR/ASSP A10.39-202X, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))

This standard identifies the minimum performance elements that, when properly utilized, will allow for a competent evaluation of a construction safety and health program. Further, it will identify those areas where systems, records and performance elements are required in order to produce a quality audit.

Single copy price: \$110.00

Order from and send comments to Tim Fisher, tfisher@assp.org

BSR/IES RP-1-22-202x, Recommended Practice: Lighting Office Spaces - Home Office Lighting (revision of ANSI/IES RP-1-2020)

This section addresses lighting considerations, recommendations, and approaches to positively influencing personal remote working environments. This section will address digital and non-digital task recommendations, home videoconferencing recommendations, and approaches to maintaining a quality illuminated environment appropriate to the tasks performed.

Single copy price: \$15.00

Order from and send comments to pmcgillicuddy@ies.org

Due 12 July 2022

INCITS 4-1986 [R202x], Information Systems - Coded Character Sets - 7-Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of INCITS 4-1986 [R2017])

Details information interchange among information processing systems, communication systems, and associated equipment. Specifies a set of 128 characters (control characters and graphics characters such as letters, digits, and symbols) with their coded representation.

Single copy price: \$60.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-1:2016 [R202x], Information technology -- Database languages -- SQL -- Part 1: Framework (SQL/Framework) (reaffirmation of INCITS/ISO/IEC 9075-1:2016 [2017])

Describes the conceptual framework used in other parts of ISO/IEC 9075 to specify the grammar of SQL and the result of processing statements in that language by an SQL-implementation.

Single copy price: \$105.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-2:2016 [R202x], Information technology -- Database languages -- SQL -- Part 2: Foundation (SQL/Foundation) (reaffirmation of INCITS/ISO/IEC 9075-2:2016 [2017])

Defines the data structures and basic operations on SQL-data. It provides functional capabilities for creating, accessing, maintaining, controlling, and protecting SQL-data.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-4:2016 [R202x], Information technology -- Database languages -- SQL -- Part 4: Persistent stored modules (SQL/PSM) (reaffirmation of INCITS/ISO/IEC 9075-4:2016 [2017])

Specifies the syntax and semantics of a database language for declaring and maintaining persistent database language routines in SQL-server modules. The database language includes: the specification of statements to direct the flow of control, the assignment of the result of expressions to variables and parameters. The specification of condition handlers that allow SQL-invoked routines to deal with various conditions that arise during their execution.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-9:2016 [R202x], Information technology -- Database languages -- SQL -- Part 9: Management of External Data (SQL/MED) (reaffirmation of INCITS/ISO/IEC 9075-9:2016 [2017])

Defines extensions to Database Language SQL to support management of external data through the use of foreign-data wrappers and datalink types.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-10:2016 [R202x], Information technology -- Database languages -- SQL -- Part 10: Object language bindings (SQL/OLB) (reaffirmation of INCITS/ISO/IEC 9075-10:2016 [2017])

Specifies embedded SQL for the programming languages: Ada, C, COBOL, Fortran, MUMPS, Pascal, and PL/I. ISO/IEC 9075-10:2016 defines similar features of Database language SQL that support embedding of SQL statements into programs written in the Java programming language. The embedding of SQL into Java is commonly known as "SQLJ." This part of ISO/IEC 9075 specifies the syntax and semantics of SQLJ, as well as mechanisms to ensure binary portability of resulting SQLJ applications. In addition, it specifies a number of Java packages and their contained classes (including methods).

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-11:2016 [R202x], Information technology -- Database languages -- SQL -- Part 11: Information and definition schemas (SQL/Schemata) (reaffirmation of INCITS/ISO/IEC 9075-11:2016 [2017])

Specifies an Information Schema and a Definition Schema that describes, the structure and integrity constraints of SQL-data, the security and authorization specifications relating to SQL-data, the features and subfeatures of ISO/IEC 9075, and the support that each of these has in an SQL-implementation, the SQL implementation information and sizing items of ISO/IEC 9075 and the values supported by an SQL implementation.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-13:2016 [R202x], Information technology -- Database languages -- SQL -- Part 13: SQL Routines and types using the Java programming language (SQL/JRT) (reaffirmation of

INCITS/ISO/IEC 9075-13:2016 [2017])

Specifies the ability to invoke static methods written in the Java programming language as SQL-invoked routines and to use classes defined in the Java programming language as SQL structured user-defined types.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>
Send comments to comments@standards.incits.org

INCITS/ISO/IEC 9075-14:2016 [R202x], Information technology -- Database languages -- SQL -- Part 14: XML Related Specifications (SQL/XML) (reaffirmation of INCITS/ISO/IEC 9075-14:2016 [2017])

Defines ways in which Database Language SQL can be used in conjunction with XML.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 13249-1:2016 [R202x], Information technology -- Database languages -- SQL multimedia and application packages -- Part 1: Framework (reaffirmation of INCITS/ISO/IEC 13249-1:2016 [2017])

Defines a number of packages of generic data types and table structures common to various kinds of data used in multimedia and application areas, to enable that data to be stored and manipulated in an SQL database. The package in each subject area is defined as a part of ISO/IEC 13249. This part defines those concepts, notations and conventions that are common to two or more other parts of ISO/IEC 13249. In particular, it describes the way parts of ISO/IEC 9075 are used to define the user-defined types and their behaviour and views as a representation of table structures appropriate to each subject area.

Single copy price: \$60.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 13249-3:2016 [R202x], Information technology -- Database languages -- SQL multimedia and application packages -- Part 3: Spatial (reaffirmation of INCITS/ISO/IEC 13249-3:2016 [2017])

Defines concepts specific to this part of ISO/IEC 13249 and defines spatial user-defined types and their associated routines.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 13249-6:2006 [R202x], Information technology - Database languages - SQL multimedia and application packages - Part 6: Data mining (reaffirmation of INCITS/ISO/IEC 13249-6:2006 [R2017])

Defines a number of packages of generic data types common to various kinds of data used in multimedia and application areas, to enable that data to be stored and manipulated in an SQL database. Introduces the datamining package, gives the necessary references, defines notations and conventions specific to this part, defines concepts specific to this part, and defines data mining user-defined types and their associated routines.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 13818-3:1998 [R202x], Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 3: Audio (reaffirmation of INCITS/ISO/IEC 13818-3:1998 [R2017])

Specifies the extension of ISO/IEC 11172-3 to lower sampling frequencies, the coded representation of multilingual high quality audio for broadcasting, transmission and storage media, and the method for decoding of multichannel and multilingual high quality audio signals. The input of the encoder and the output of the decoder are compatible with existing PCM standards.

Single copy price: \$116.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

Due 19 July 2022

INCITS/ISO/IEC 30147:2021 [202x], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021)

Provides system life cycle processes to implement and maintain trustworthiness in an IoT system or service by applying and supplementing ISO/IEC/IEEE 15288:2015. The system life cycle processes are applicable to IoT systems and services common to a wide range of application areas.

Single copy price: \$133.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 30165:2021 [202x], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)

Specifies the framework of a real-time IoT (RT-IoT) system, including: RT-IoT system conceptual model based on domain-based IoT reference model defined in ISO/IEC 30141; impacts of real-time parameters in terms of four viewpoints (time, communication, control and computation).

Single copy price: \$26.00

Obtain an electronic copy from <http://webstore.ansi.org/>

Send comments to comments@standards.incits.org

CSA public review announcements

The CSA Group has announced draft documents 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 18 July 2022

C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4748-8 - Proposed new Table D3 (amendment)

This proposal will improve Table D3 as follows:

- 1) By clarifying the application of Table D3 for 3-phase and DC systems as well as loads with less than unity power factor and conductor arrangement. A voltage drop factor Table has been developed and included under Note 2) to clearly identify the system and circuits for which a voltage drop calculation is being performed.
- 2) By simplifying the intent of this proposal is to address the unwieldy nature of existing Table D3 and its associated notes.
- 3) By revising and re-calculating the newly proposed Table D3 to address technical issues such as the use of percentage of allowable ampacity in calculating voltage drop. This table utilizes conductor resistance under operating conditions to calculate voltage drop. It also addresses the revised ampacity Tables 1-4 (Particularly the 90C ampacities which changed in the 2012 Code and created discrepancies with Table D3). This new Table D3 addresses both copper and aluminum conductors and a wider conductor size range. It will create a more precise voltage drop factor.

Due 19 July 2022

C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4741 - Ampacity of conductors for circuits of DC based installations (amendment)

Revise Subrule 4-000 1):

4-000 Scope (see Appendix B)

- 1) This Section applies to conductors for services, feeders, branch circuits of AC and DC electrical systems, and ~~photovoltaic circuits~~ with regard to
 - a) the determination of conductor ampacity;
 - b) the determination of maximum conductor termination temperature;
 - c) the selection of neutral conductors;
 - d) the selection of a conductor type for a specific condition of use; and
 - e) conductor identification.

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/APA 405-202x, Standard for Adhesives for Use in Structural Glued Laminated Timber (revision of ANSI 405-2018)

This standard provides minimum performance requirements for evaluating adhesives for use in structural glued laminated timber (glulam).

Contact Borjen Yeh, borjen.yeh@apawood.org

BSR/SIA DC-09-202x, SIA Digital Communication Standard – Internet Protocol Event Reporting (new standard)

This standard details the protocol to report events from premises equipment to a central station using internet protocol (IP). This standard is intended for use by manufacturers of control panels and central station receivers to ensure equipment compatibility. As with any standard, compliance is voluntary. This is of interest to other parties such as security system installers, specifiers, and users (central stations); and local authorities that are dealing with compatibility issues.

Contact Edison Shen, EShen@securityindustry.org

BSR/HSI 2000-202x, Germicidal UVC Whole Room Healthcare Surface Disinfection (new standard)

This standard is intended to provide healthcare professionals charged with infection prevention/control with a reproducible patient-centric tool to evaluate the plethora of germicidal Ultraviolet "C" (UVC) offerings. Specific criteria will be enumerated including details of the test room (both patient rooms and operating rooms) dimensions, furnishings/contents, surface types and orientations, site locations, pathogens (prep & assay), log reductions and time requirements, as well as "passing" criteria. There are no current standards nor efforts for standards for UVC emitters in healthcare.

Contact: Lee Webster, webster@ingenesis.com

BSR C63.10 Corrigendum-202x, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (supplement to ANSI/C63.10-2020)

This project proposes to create a corrigendum to the recently published document ANSI C63.10:2020 to make corrections to

1. clarify removal of the requirement to calibrate LISNs with an extension cord for devices that have ac adapters that plug directly into the wall;
2. correct the formula for Fc in Section 10 for UWB devices (should be adding Fh and FI not subtracting them).

Contact Jennifer Santulli, J.Santulli@ieee.org

BSR/ISA 84.91.03-202x, Functional Safety: Process Safety Controls, Alarms, and Interlocks as Protection Layers (new standard)

This standard will set forth requirements for achieving functional safety using process safety controls, alarms, and interlocks (PSCAI) as protection layers excluding process safety alarms.

Contact Charley Robinson, crobenson@isa.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/AISC 303-2022, Code of Standard Practice for Steel Buildings and Bridges (revision of ANSI/AISC 303-2016), 9 May 2022

ANSI/ASHRAE Addendum 55g-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020), 29 April 2022

ANSI/ASHRAE Addendum 62.1i-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019), 29 April 2022

ANSI/ASHRAE/IES Addendum bw 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), 29 April 2022

ANSI/ASHRAE/IES Addendum bz 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), 29 April 2022

ANSI/ASHRAE/IES Addendum ce 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), 29 April 2022

ANSI/ASHRAE/IES Addendum cf 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), 29 April 2022

ANSI/ASHRAE/IES Addendum cg 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), 29 April 2022

ANSI/ASHRAE/IES Addendum ci 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), 29 April 2022

ANSI/ASHRAE/IES Addendum cj 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), 29 April 2022

ANSI E1.22-2022, Entertainment Technology - Fire Safety Curtain Systems (revision of ANSI E1.22-2016), 25 April 2022

ANSI E1.26-2006 (R2022), Entertainment Technology - Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues (reaffirmation of ANSI E1.26-2006 (R2017)), 5 May 2022

ANSI E1.36-2007 (R2022), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012)), 2 May 2022

ANSI/ESTA E1.69-2022, Reporting the Dimming Performance of Entertainment Luminaires Using LED Sources (new standard), 25 April 2022

ANSI B77.1-2022, for Passenger Ropeways- Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors Safety Standard (revision of ANSI B77.1-2017), 5 May 2022

ANSI/UL 467-2022, Standard for Safety for Grounding and Bonding Equipment (revision of ANSI/UL 467-2013 (R2017)), 29 April 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/FDIS 19650-4, Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange; 2021-06-12 [sic]; \$58.00

ISO/FDIS 8102-20, Electrical requirements for lifts, escalators and moving walks - Part 20: Cybersecurity; 2021-07-01 [sic]; \$102.00

ISO/DIS 226, Acoustics - Normal equal-loudness-level contours; 2022-03-05 [sic]; \$77.00

ISO/IEC DIS 27036-3, Cybersecurity - Supplier relationships – Part 3: Guidelines for hardware, software, and services supply chain security; 2022-03-12 [sic]; \$112.00

ISO/DIS 30435, Human resource management - Workforce data quality; 2022-03-13 [sic]; \$62.00

65C/1168(F)/FDIS, IEC 61139-2 ED1: Industrial networks Single-drop digital communication interface - Part 2: Functional safety extensions; 2022-06-03

110/1432/FDIS, IEC 63145-1-2 ED1: Eyewear display - Part 1-2: Generic – Terminology; 2022-06-24

ISO/DIS 30434, Human resource management – Workforce allocation; 2022-07-21; \$102.00

ISO/IEC DIS 4396-4, Telecommunications and information exchange between systems - Future network recursive internetwork architecture - Part 4: Complete enrollment procedures; 2022-07-21; \$33.00

ISO/IEC DIS 4396-5, Telecommunications and information exchange between systems - Future network recursive internetwork architecture - Part 5: Incremental enrollment procedures; 2022-07-24; \$33.00

ISO/IEC DIS 4396-6, Telecommunications and information exchange between systems - Future network recursive internetwork architecture - Part 6: RINA data transfer service; 2022-07-24; \$58.00

ISO/IEC DIS 4396-8, Telecommunications and information exchange between systems - Future network recursive internetwork architecture - Part 8: RINA general delimiting procedures; 2022-07-24; \$40.00

ISO/IEC DIS 24392, Cybersecurity - Security reference model for industrial Internet platform (SRM- IIP); 2022-07-25; \$102.00

46C/1226/NP, PNW TS 46C-1226 ED1: IEC/TS 61156-1-2/ed 1.0: Multicore and symmetrical pair/quad cables for digital communications - Part 1-2: Electrical transmission characteristics and test methods of symmetrical pair/quad cables; 2022-07-29

JTC1-SC25/3091/CD, ISO/IEC 14763-3 ED3: Information technology - Implementation and operation of customer premises cabling - Part 3: Testing of optical fibre cabling; 2022-07-29

JTC1-SC25/3092/CD, ISO/IEC 24383 ED1: Information technology - Physical network security for the accommodation of customer premises cabling infrastructure and information technology equipment; 2022-07-29

100/3754/CDV, IEC 62680-4-1 ED1: Universal Serial Bus interfaces for data and power - Part 4-1: Universal Serial Bus 4 Specification; 2022-08-05

21A/791/CDV, IEC 61951-1/AMD1 ED4: Secondary cells and batteries containing alkaline or other non-acid electrolytes Secondary sealed cells and batteries for portable applications Part 1: Nickel-Cadmium; 2022-08-05

JTC1-SC25/3094/CD, ISO/IEC 11801-1/AMD1 ED1: Amendment 1 - Information technology - Generic cabling for customer premises - Part 1: General requirements; 2022-08-05

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](#).

ISO 23405:2022, Tourism and related services – Sustainable tourism - Principles, vocabulary and model, \$73.00

ISO 26021-3:2022, Road vehicles - End-of-life activation of invehicle pyrotechnic devices - Part 3: Data definitions, \$111.00

ISO/TS 19850:2022, Fire tests - Use of LED (light-emitting diode) as an alternative to white light for measuring smoke parameters, \$149.00

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Editors:

Karl G. Ruling, Senior Technical Standards Manager
ESTA, Technical Standards Program
PO Box 23200
Brooklyn, NY 11202-3200 USA
karl.ruling@esta.org
1 212 244 1505 ext. 703

Richard Nix, Asst. Technical Standards Manager
ESTA, Technical Standards Program
PO Box 23200
Brooklyn, NY 11202-3200 USA
richard.nix@esta.org
1 212 244 1505 ext. 649

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The archive of *Standards Watch* issues back to the beginning of 2011 is available at <http://estalink.us/nn7a1>.

TSP meeting schedule

The meeting schedule webpage is <https://www.esta.org/ESTA/meetings.php>. Attendance for the next set of meetings will be in-person at the Wyndham Anaheim and world-wide via WebEx. Visit <https://www.esta.org/ESTA/meetings.php> for a link to reserve a hotel room or to buy a Behind the Scenes Happy Hour ticket.

Control Protocols Working Group	09:00 – 13:00 PDT	Friday 3 June 2022
Electrical Power Working Group	14:00 – 17:00 PDT	Wednesday 1 June 2022
Event Safety Working Group	14:00 – 18:00 PDT	Saturday 4 June 2022
Floors Working Group	09:00 – 13:00 PDT	Saturday 4 June 2022
Fog & Smoke Working Group	09:00 – 13:00 PDT	Thursday 2 June 2022
Followspot Positions Working Group	19:00 – 23:00 PDT	Wednesday 1 June 2022
Photometrics Working Group	15:00 – 18:00 PDT	Friday 3 June 2022
Rigging Working Group	19:00 – 23:00 PDT	Friday 3 June 2022
Stage Machinery Working Group	14:00 – 18:00 PDT	Thursday 2 June 2022
Stage Machinery BSR E1.64 Task Group	10:00 – noon PDT	Friday 3 June 2022
Technical Standards Council	09:00 – 13:00 PDT	Sunday 5 June 2022

The following set of meetings are scheduled to be September 15 through 18 at the Marriott Westlake in Westlake, Texas. Visit <https://www.esta.org/ESTA/meetings.php> for details.

We'll have a Plugfest in September, too! Find out more at <http://tsp.esta.org/tsp/news/plugfest.html>.

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