



ESTA Standards Watch

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Table of Contents

New ESTA Project: Automation Vector Transmission Protocol.....	1
One ESTA Standard In Public Review.....	2
Standards and the Digital Economy—Implications for Teaching and Policy.....	2
WTO Technical Barrier to Trade Notifications.....	2
France Notification FRA/168.....	2
Peru Notification PER/86.....	3
Peru Notification PER/87.....	3
United States of America Notification USA/1162 (Corr.1).....	4
United States of America Notification USA/1163.....	4
European Union Notification EU/395.....	5
ANSI Public Review Announcements.....	5
Due 29 August 2016.....	6
Due 5 September 2016.....	6
Due 13 September 2016.....	6
CSA Public Review Announcements.....	6
Due 10 September 2016.....	6
Due 14 September 2016.....	7
Due 23 September 2016.....	7
New ANS Projects.....	7
Final Actions on American National Standards.....	8
Draft IEC & ISO Standards.....	9
Recently Published IEC & ISO Standards.....	11
TSP Meeting Schedule.....	12
Investors in Innovation.....	13

New ESTA Project: Automation Vector Transmission Protocol

The Technical Standards Council has approved a new project: BSR E1.59, Automation Vector Transmission Protocol. It's a project within the Control Protocols Working Group with the assistance of members of the Rigging Working Group. The project is to develop a protocol over which entertainment automation systems can transmit vector data (position, velocity, timestamp, etc.) to non-automation control systems for the purpose of synchronizing motion and effects. Data transmitted is intended to coordinate visual and audio elements of a production and not to be used for safety-critical applications (e.g. collision avoidance).

Anyone with a material interest in this project or with particular expertise is invited to join the Control Protocols Working Group as a voting member. The working group is looking particularly for voters who might be in the custom-market producer or general interest categories.

Voters in the Technical Standards Program are required to attend meetings and to vote on letter ballots. Membership in ESTA or any other organization is not a requirement for participation in ESTA's Technical Standards Program, but there is a \$100 a year per person participation fee—a flat rate, regardless of voting status or the number of working groups a person joins, but it is prorated if you join part-way through the year. The fee is levied to help defray the costs of running the TSP, which has always run a deficit. More information about becoming involved in the Technical Standards Program and a link to an application form is available at http://tsp.esta.org/tsp/working_groups/index.html.

One ESTA Standard In Public Review

One draft standard is in public review on the ESTA website. The last day to comment is 1 August 2016; the review is over when 2 August starts. Check it out at http://tsp.esta.org/tsp/documents/public_review_docs.php. Anyone who would be materially affected by the publication of this document as an American National Standard is invited to submit comments. "Materially affected" generally means it would affect your health or bank account.

BSR E1.51 - 201x, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance, and Event Industries in Canada

E1.51 is intended to offer guidance, in the context of applicable standards and regulations in Canada, on how to select, install, use, and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada.

This is the fifth public review for this Electrical Power Working Group draft standard. During the third public review, a comment was offered and approved which deleted some text. That text was not removed before the fourth public review, so a fifth review is required with the text removed. In addition to that change, the publication year has been included for the edition of the Canadian Electrical Code referenced in the document.

Standards and the Digital Economy—Implications for Teaching and Policy

NIST will host a 1.5-day industry-academic workshop September 8 and 9, at the Gutman Conference Center, Harvard University, Boston, to explore standards supporting the digital economy—what they are, how they are developing, and how to address this topic in the classroom. Speakers, panelists and discussion leaders will include representatives from academia, government, and standards developers. An interactive standards simulation will exposethe challenges inherent in standards development. There is no fee to attend; pre-registration is required. Agenda and registration information are available at: <http://gsi.nist.gov/global/index.cfm/L1-4/L2-14/A-794>.

WTO Technical Barrier to Trade Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced WTO Technical Barrier to Trade notices that may be of interest to *Standards Watch* readers. If you have a problem with these notices, you can protest through your representative to the WTO. See "Guidance for Comment Submissions by U.S. Industry on TBT Notifications" at <http://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> or <http://ec.europa.eu/enterprise/tbt/> for advice on filing objections.

France Notification FRA/168

Date issued: 25 July 2016

Agency responsible: Ministry of Health, Directorate-General of Health, Office MC2

National inquiry point: Association Française de Normalisation, Centre d'Information sur les Normes et Règlements Techniques (CINORTECH) (AFNOR)

Products covered: Objects directly encouraging excessive alcohol consumption that are intended for minors

Title: Draft Decree establishing the types and characteristics of objects directly encouraging excessive alcohol consumption that are forbidden for sale to minors

Description of content: The draft Decree establishes the types and characteristics of objects directly encouraging excessive alcohol consumption that are forbidden to be sold or presented for sale to minors.

Such objects include games, clothing, fashion accessories, decorative items, utensils, or accessories for electronic devices, or any other object, the graphics, presentation, visual aspect, name, logo, commercial name or slogan of which directly encourage excessive alcohol consumption.

Objective and rationale: In France, excessive alcohol consumption by minors continues to grow. In 2011, 28% of 17-year-olds declared that they had been drunk at least three times during the course of the year, compared with 26% in 2008. Furthermore, 10.5% of 17-year-olds regularly consume alcohol. The proportion of the young adult population (18-25 years old) that had been drunk during the course of the year was 46%. Those who had been drunk at least three times represented 29%. These figures have been on the increase for the past 10 years (2014 INPES report) .

Through this draft Decree, the French authorities intend to prohibit the sale or presentation for sale to minors of objects directly encouraging excessive alcohol consumption. This commercial practice aimed at presenting a positive and festive image of drunkenness would thus be forbidden if it targeted minors, who are particularly receptive to laudatory messages regarding excessive alcohol consumption. From a health and social perspective, the dangers of excessive alcohol consumption are numerous and include immediate risks (alcoholic coma, behaviour dangerous to the person or others), as well as long-term risks (cancer, cirrhosis, addiction, etc.).

This measure thus aims to better protect young people by limiting their exposure to the positive, funny or playful image of drunkenness to which an object may directly contribute. The draft Decree will therefore help to prevent excessive alcohol consumption by minors. It is entirely coherent with the guidelines established by the European Union Action Plan on Youth Drinking and on Heavy Episodic Drinking (Binge Drinking) (2014-2016) . Moreover, the European Union remains the region with the world's highest alcohol consumption (WHO 2012) .

Relevant documents: Article L. 3342-1 of the Public Health Code

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: Not given by country

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/FRA/full_text/pdf/FRA168\(french\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/FRA/full_text/pdf/FRA168(french).pdf)

Peru Notification PER/86

Date issued: 11 July 2016

Agency responsible: Ministry of Production

National inquiry point: Commission on Technical and Trade Regulations, National Institute for the Defense of Competition and the Protection of Intellectual Property (INDECOPI)

Products covered: Low-voltage electric conductors (85.44 Insulated (including enamelled or anodized) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors. Other electric conductors, for a voltage not exceeding 1,000 V: 8544.49.90.90. Other)

Title: Technical Regulation on the labelling of low-voltage electric conductors of material other than copper

Description of content: The notified Technical Regulation establishes the labelling requirements to be met by low-voltage electric conductors made from conductive material other than copper, with a view to protecting the right to information of consumers, and to protecting consumers from products that are dangerous for human health, safety, welfare, integrity and life.

Objective and rationale: Prevention of practices that may endanger human life and safety or mislead users.

Relevant documents: (none listed)

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: Not given by country

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/PER/full_text/pdf/PER86\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/PER/full_text/pdf/PER86(spanish).pdf)

Peru Notification PER/87

Date issued: 14 July 2016

Agency responsible: Ministry of Production

National inquiry point: Commission on Technical and Trade Regulations, National Institute for the Defense of Competition and the Protection of Intellectual Property (INDECOPI)

Products covered: 85.36 - Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 volts; connectors for optical fibres, optical fibre bundles or cables. 8536.20 - Automatic circuit breakers. 8536.20.20.00 - For a voltage not exceeding 260 V and a current not exceeding 100A. 8536.20.90.00 - Other

Title: Technical Regulation on automatic switches with overcurrent protection for household and similar installations

Description of content: The notified Technical Regulation establishes the technical, safety and labelling requirements for the production, importation and marketing of low-voltage automatic switches with overcurrent protection for electrical installations in buildings and other similar purposes, which are to be used by unqualified persons, in order to ensure that their use does not endanger human life and safety, or the surrounding area.

Objective and rationale: Prevention of practices that may endanger human life and safety or mislead users.

Relevant documents:

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: Not given by country

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/PER/full_text/pdf/PER87\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/PER/full_text/pdf/PER87(spanish).pdf)

United States of America Notification USA/1162 (Corr.1)

Date issued: 14 July 2016

Agency responsible: Environmental Protection Agency (EPA)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Hazardous chemicals

Title: Hazardous Chemical Reporting: Community Right-to-Know; Revisions to Hazard Categories and Minor Corrections

Description of content: The Environmental Protection Agency (EPA or the Agency) is amending its hazardous chemical reporting regulations due to the changes in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (HCS). OSHA's HCS was recently revised to conform to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Under the revised HCS, chemical manufacturers and importers are required to evaluate their chemicals according to the new criteria adopted from GHS to ensure that they are classified and labeled appropriately. Manufacturers and importers are also required to develop standardized Safety Data Sheets (formerly known as "Material Safety Data Sheets") and distribute them to downstream users of their chemicals. These changes in HCS affect the reporting requirements under sections 311 and 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA). Based on the new classification criteria that OSHA adopted, EPA is revising the existing hazard categories for hazardous chemical inventory form reporting under EPCRA Section 312 and for list reporting under section 311. In this action, EPA is also making a few minor corrections in the hazardous chemical reporting regulations.

Objective and rationale: Protection of the environment; Prevention of deceptive practices and consumer protection

Relevant documents: 81 Federal Register (FR) 38104, 13 June 2016; Title 40 Code of Federal Regulations (CFR) Part 370. Will appear in the Federal Register when adopted.

Hazardous Chemical Reporting: Revisions to the Emergency and Hazardous Chemical Inventory Forms (Tier I and Tier II) Proposed Rule published 8 August 2011: <https://www.gpo.gov/fdsys/pkg/FR-2011-08-08/html/2011-19900.htm>

<https://www.gpo.gov/fdsys/pkg/FR-2011-08-08/pdf/2011-19900.pdf>

G/TBT/N/USA/216 and all subsequent addenda/corrigenda - Hazardous Communication:

<https://www.gpo.gov/fdsys/pkg/FR-2011-08-08/pdf/201119900.pdf> ? ?

Proposed date of adoption: 13 June 2016

Proposed date of entry into force: 1 January 2018

Final date for comments: Not given by country

Full text: <https://www.gpo.gov/fdsys/pkg/FR-2016-06-13/pdf/2016-13582.pdf>

United States of America Notification USA/1163

Date issued: 14 July 2016

Agency responsible: Occupational Safety and Health Administration (OSHA)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Testing laboratories

Title: OSHA's Nationally Recognized Testing Laboratory (NRTL) Program

Description of content: OSHA has revised its existing policies regarding compliance with meeting the criteria in the NRTL Program regulation, 29 CFR 1910.7, for recognition as an NRTL. Under the revised policy, OSHA deems compliance with ISO/IEC 17025: 2005, General Requirements for the Competence of Testing and Calibration Laboratories ISO/IEC 17065:2012, Conformity Assessment ? Requirement for Bodies Certifying Products, Processes and Services, and the Testing and Certification Policies in this Directive, as compliance with the requirements for recognition under the NRTL Program regulation. This revision impacts several OSHA policies and creates several new policies.

Objective and rationale: Quality requirements

Relevant documents: 29 CFR 1910.7 https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS &p_id=9703 and Appendix A

https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS &p_id=9704

ISO/IEC 17025: 2005, General Requirements for the Competence of Testing and Calibration Laboratories .
ISO/IEC 17065:2012, Conformity Assessment ? Requirement for Bodies Certifying Products, Processes and Services

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 8/8/2016

Full text URL: https://www.osha.gov/dts/otpc/nrtl/nrtl_draftdirective_public_comment.pdf

European Union Notification EU/395

Date issued: 15 July 2016

Agency responsible: EU-TBT Enquiry Point

National inquiry point: EU-TBT Enquiry Point

Products covered: Products covered are in article 1.1 and 1.2 of the proposal, namely general purpose computer hardware and operating systems; the following self-service terminals: automatic teller machines; ticketing machines; check-in machines; consumer terminal equipment with advanced computing capability related to telephony services; consumer terminal equipment with advanced computing capability related to audio-visual media services.

Title: Proposal for a Directive of the European Parliament and of the Council on the approximation of the laws, regulations and administrative provisions of the Member States as regards the accessibility requirements for products and services (COM(2015) 615)

Description of content: The proposal places functional accessibility requirements on a limited number of products and services and uses the same accessibility requirements to clarify the notion of accessibility already existing in other EU acts like in the case of public procurement or the use of certain EU funds. The proposal contains the possibility of using harmonised standards to provide presumption of conformity.

Objective and rationale: This proposal aims to contribute to improve the proper functioning of the internal market and remove and prevent barriers for the free movement of accessible products and services and supports Member States to achieve their national commitments as well as their obligations under the United Nations Convention on the Rights of Persons with Disabilities regarding accessibility.

Relevant documents:

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 13 October 2016

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395\[1\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395[1](english).pdf)
[https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395\[2\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395[2](english).pdf)
[https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395\[3\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395[3](english).pdf)
[https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395\[4\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU395[4](english).pdf)

ANSI Public Review Announcements

The following documents have been announced for public review by ANSI. 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 August 2016

BSR/AWS B2.3/B2.3M-201x, Specification for Soldering Procedure and Performance Qualification

(revision of ANSI/AWS B2.3/B2.3M-2012)

This specification provides the requirements for qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. The soldering processes included are torch soldering, furnace soldering, induction soldering, resistance soldering, dip soldering, iron soldering, and infrared soldering. Base metals, soldering filler metals, soldering fluxes, soldering atmospheres, and soldering joint clearances are also included.

Single copy price: \$40.00

Order from and send comments to: Jennifer Rosario, jrosario@aws.org

BSR/UL 943B-2011 (R201x), Standard for Safety For Appliance Leakage Current Interrupters (reaffirmation of ANSI/UL 943B-2011)

These requirements cover appliance leakage-current interrupters (ALCIs), intended for use only in 2- or 3-wire alternating-current circuits wherein one of the wires is grounded in accordance with the National Electrical Code, ANSI/NFPA 70. They are intended to interrupt the electric circuit to the load when a fault current to ground exceeds some predetermined value that is less than that required to operate the overcurrent protective device of the supply circuit. An ALCI trips when the current to ground reaches a value in the range of 4 - 6 mA.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: comm2000, <http://www.comm-2000.com>

Send comments to: Patricia Sena, patricia.a.sena@ul.com

Due 5 September 2016

BSR/NEBB S120-201x, Technical Retro-Commissioning of Existing Buildings Standard (new standard)

This standard describes the technical retro-commissioning procedures utilized for existing building technical systems for the improvement and optimization of Indoor Environmental Quality and Comfort and Energy and Water utility usage reduction. It defines the technical work procedures, testing, and system adjustments that are required to improve system performance by optimizing existing systems. This standard may be utilized in tandem with existing energy audit standards as a technical performance standard.

Single copy price: Free

Order from and send comments to: tiffany@nebb.org

Due 13 September 2016

BSR/UL 6200-201x, Standard for Safety for Controllers for Use in Power Production (new standard)

This proposal involves the publication of the first edition of UL 6200, which covers control panels, control units, and other various electrical circuits employed within a control circuit device intended for support functions, maintain operation and limiting safety-control features for use in a Stationary Engine Driven Assembly or similar power production equipment control applications.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: comm2000, <http://www.comm-2000.com>

Send comments to: Derrick Martin, Derrick.L.Martin@ul.com

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 the public reviews please visit: <http://publicreview.csa.ca/>.

Due 10 September 2016

C22.2 No. 1691-12, Single pole locking-type separable connectors (amendment)

The proposal is to add two clauses:

5.2.1.1 Series 15 and 16 rigid female and male housings shall be restricted to panel mount devices only.

5.3.10.1 Series 15 and 16 rigid female and male housings shall be restricted to panel mount devices only.

Due 14 September 2016

C22.2 No. 286, Industrial Control Panels and Assemblies (new edition)

This Standard applies to industrial control panels and assemblies rated at not more than 1500 V, intended to be installed and used in non-hazardous locations in accordance with the rules of the *Canadian Electrical Code, Part I*. The industrial control panels and assemblies covered by this Standard are intended for use in an ambient temperature of 0 to 40 °C. Additional investigation of the equipment will be required when equipment is to be used in an ambient temperature outside of this range.

Due 23 September 2016

Z1210, Workplace First Aid (new standard)

This Standard establishes minimum requirements for a workplace first aid training program. It is intended to be used by Occupational Health and Safety (OHS) regulators, employers, first aid training agencies or other interested workplace parties. This Standard specifies requirements for, and provides guidance on the design, development and competencies of a workplace first aid training program.

New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards Watch* readers—or at least be interesting to them. Contact the developer if you (a) want to be involved in the project, or (b) object to the project and wish it to be abandoned, or (c) if you would like to point out that its scope is covered by an existing standard, thereby possibly making the project redundant or conflicting.

BSR ASSE A10.11-201X, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010)

Establishes safety requirements for the selection, installation, and use of personnel and debris nets during construction, repair, and demolition operations.

Contact: Tim Fisher, TFisher@ASSE.org

BSR C18.2M, Part 1-201x, Standard for Portable Rechargeable Cells and Batteries - General and Specifications (revision of ANSI C18.2M, Part 1-2013)

This publication applies to portable rechargeable, or secondary, cells and batteries based on the following electrochemical systems: (a) Nickel-cadmium, (b) Nickel-metal hydride, and (c) Lithium-ion including lithium ion polymer. Section 1 of this standard contains general information and all standardized performance and mechanical tests upon which all the specifications in Section 2 are based. Section 2 specification sheets list those tests and requirements described in this standard that are required for each battery.

Contact: Khaled Masri, khaled.masri@nema.org

BSR Z535.1-201x, Standard on Safety Colors (revision of ANSI Z535.1-2006 (R2011))

This standard sets forth the technical definitions, color standards, and color tolerances for safety colors.

Contact: Kevin Connelly, Kevin.Connelly@Nema.org

BSR/ASME A17.7/CSA B44.7-201x, Performance-based safety code for elevators and escalators (revision of ANSI/ASME A17.7/CSA B44.7-2006 (R2012))

This performance-based safety code covers design, construction, operation, inspection, testing, maintenance, alteration, and repair of elevators, escalators and related conveyances. A17.7 is specifically intended for new elevator technology and practices and provides a structured method for establishing the safety of products.

Contact: Mayra Santiago, ansibox@asme.org

BSR/UL 508A-201x, Standard for Safety for Industrial Control Panels (new standard)

These requirements cover industrial control panels intended for general industrial use, operating from a voltage of 600 volts or less. This equipment is intended for installation in ordinary locations, in accordance with the National Electrical Code, ANSI/NFPA 70, where the ambient temperature does not exceed 40°C (104°F) maximum.

Contact: Casey Granata, Casey.Granata@UL.Com

Final Actions on American National Standards

The documents listed below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator.

ANSI C78.40-2016, Electric Lamps - Specifications for Mercury Lamps (revision of ANSI C78.40-2011): 7 July 2016

ANSI C78.380-2016, Electric Lamps: High-Intensity Discharge Lamps, Method of Designation (revision of ANSI C78.380-2007 (R2010)): 7 July 2016

ANSI C78.62035-2016, Electric Lamps - Discharge Lamps (Excluding Fluorescent Lamps) - Safety Specifications (revision and redesignation of ANSI/IEC C78.62035-2004 (R2009)): 7 July 2016

ANSI C119.4-2016, Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or below 100°C (revision of ANSI C119.4-2010): 7 July 2016

ANSI/AISC 360-2016, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2010): 7 July 2016

ANSI/ANS 2.3-2011 (R2016), Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (reaffirmation of ANSI/ANS 2.3-2011): 29 June 2016

ANSI/ASABE S639-JUN-2016, Safety Standard for Large Row Crop Flail Mowers (new standard): 29 June 2016

ANSI/ASHRAE/IES 90.1ao-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1bh-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1bi-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1bk-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1bo-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1ca-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1cn-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1co-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1cp-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1cq-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1ct-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1cv-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1da-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1db-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dc-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dd-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dg-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dh-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1di-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dk-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dp-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dq-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/ASHRAE/IES 90.1dr-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 30 June 2016

ANSI/TIA 568-C.2-1-2016, Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 1: Specifications for 100 Next Generation Cabling (addenda to ANSI/TIA 568-C.2-2009): 30 June 2016

Draft IEC & ISO Standards

This section lists proposed standards that the International Electromechanical Commission (IEC) and International Organization for Standardization (ISO) are considering for approval. Standards Watch readers interested in reviewing and commenting on the document should order a copy from their national representative and submit their comments through them. Comments from US citizens on IEC documents should be sent to Charles T. Zegers at czegers@ansi.org. Comments from US citizens regarding ISO documents should be sent to Karen Hughes at isot@ansi.org. The prices, when shown, are for purchases through ANSI; prices elsewhere may differ. The sort order is first by due date then by alphanumeric designation.

ISO/IEC DIS 29151, Information technology - Security techniques - Code of practice for personally identifiable information protection; 28 July 2016; \$119.00

ISO/IEC DIS 11801-1, Information technology - Generic cabling for customer premises - Part 1: General requirements; 06 August 2016; \$185.00

ISO/IEC DIS 11801-2, Information technology - Generic cabling for customer premises - Part 2: Office premises; 06 August 2016; \$88.00

ISO/IEC DIS 11801-3, Information technology - Generic cabling for customer premises - Part 3: Industrial premises; 06 August 2016; \$102.00

ISO/IEC DIS 11801-4, Information technology - Generic cabling for customer premises - Part 4: Homes; 06 August 2016; \$98.00

ISO/IEC DIS 11801-5, Information technology - Generic cabling for customer premises - Part 5: Data centres; 06 August 2016; \$112.00

ISO/IEC DIS 11801-6, Information technology - Generic cabling for customer premises - Part 6: Distributed Building Services; 06 August 2016; \$107.00

ISO/DIS 80000-2, Quantities and units - Part 2: Mathematics; 07 August 2016; \$102.00

ISO/IEC 14496-4/DAmD46, Information technology - Coding of audiovisual objects - Part 4: Conformance testing - Amendment 46: Conformance testing for internet video coding ; 07 August 2016; \$53.00

ISO/IEC 14496-5/DAmD41, Information technology - Coding of audiovisual objects - Part 5: Reference software - Amendment 41: Reference software for internet video coding; 07 August 2016; \$29.00

ISO/IEC 14496-5/DAmD42, Information technology - Coding of audiovisual objects - Part 5: Reference software - Amendment 42: Reference software for the alternative depth information SEI message extension of AVC; 07 August 2016; \$29.00

ISO/IEC 23002-5/DAmD3, Information technology - MPEG video technologies - Part 5: Reconfigurable media coding conformance and reference software - Amendment 3: Reference software for parser instantiation from BSD; 07 August 2016; \$29.00

65B/1053/FDIS, IEC 62952-1 Ed1: Power sources for a wireless communication device - Part 1: General requirements of power modules; 19 August 2016; no price listed

65B/1054/FDIS, IEC 62952-2 Ed. 1.0: Power sources for a wireless communication device - Part 2: Profile for power modules with batteries; 19 August 2016; no price listed

77A/933/DC, Maintenance of IEC 61000-3-12: Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and 75 A per phase; 02 September 2016; no price listed

SYCAAL/36/CD, IEC 60050-871: International Electrotechnical Vocabulary - Part 871: Active assisted living (AAL); 09 September 2016; no price listed

ISO 17100/DAmD1, Translation services - Requirements for translation services - Amendment 1; 05 October 2016; \$29.00

CIS/A/1167/CDV, Amendment 2 fragment 1 to CISPR 16-4-2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty – Conducted disturbance measurements; 07 October 2016; no price listed

CIS/A/1168/CDV, Amendment 1 to CISPR 16-2-1: Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements; 07 October 2016; no price listed

CIS/A/1169/CDV, Amendment 1 to CISPR 16-1-2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurements; 07 October 2016; no price listed

ISO/DIS 17757, Earth-moving machinery and mining – Autonomous and semi-autonomous machine system safety; 07 October 2016; \$107.00

ISO/IEC 23002-4/DAmD3, Information technology - MPEG video technologies - Part 4: Video tool library - Amendment 3: Graphics tool library (GTL) for the reconfigurable multimedia coding (RMC) framework; 07 November 2024; \$71.00

Recently Published IEC & ISO Standards

Listed here are documents recently approved by the IEC and ISO. A list of standards resellers is available at <http://webstore.ansi.org/faq.aspx#resellers>.

IEC 60062 Ed. 6.0 b:2016, Marking codes for resistors and capacitors, \$230.00

IEC 60086-5 Ed. 4.0 b:2016, Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$254.00

S+ IEC 60086-5 Ed. 4.0 en:2016 (Redline version), Primary batteries - Part 5: Safety of batteries with aqueous electrolyte, \$290.00

IEC 60238 Ed. 9.0 b:2016, Edison screw lampholders, \$351.00

S+ IEC 60238 Ed. 9.0 en:2016 (Redline version), Edison screw lampholders, \$494.00

IEC 61000-4-10 Ed. 2.0 b:2016, Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques – Damped oscillatory magnetic field immunity test, \$278.00

S+ IEC 61000-4-10 Ed. 2.0 en:2016 (Redline version), Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques - Damped oscillatory magnetic field immunity test, \$334.00

IEC 61000-4-9 Ed. 2.0 b:2016, Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test, \$303.00

S+ IEC 61000-4-9 Ed. 2.0 en:2016 (Redline version), Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test, \$363.00

IEC 61010-2-202 Ed. 1.0 b:2016, Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -202: Particular requirements for electrically operated valve actuators, \$61.00

IEC 61347-2-3 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps, \$20.00

IEC 61347-2-3 Ed. 2.1 b:2016, Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps, \$339.00

IEC 61784-3-13 Ed. 2.0 b:2016, Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13, \$411.00

IEC 61784-3-2 Ed. 3.0 b:2016, Industrial communication networks Profiles - Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2, \$411.00

IEC 61784-3-3 Ed. 3.0 b:2016, Industrial communication networks - Profiles - Part 3-3: Functional safety fieldbuses – Additional specifications for CPF 3, \$411.00

IEC/TS 60479-1 Amd.1 Ed. 4.0 en:2016, Amendment 1 - Effects of current on human beings and livestock - Part 1: General aspects, \$73.00

IEC/TS 60479-1 Ed. 4.1 en:2016, Effects of current on human beings and livestock - Part 1: General aspects, \$424.00

IEC/TS 61508-3-1 Ed. 1.0 en:2016, Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 3-1: Software requirements - Reuse of pre-existing software elements to implement all or part of a safety function, \$48.00

ISO 18825-1:2016, Clothing - Digital fittings - Part 1: Vocabulary and terminology used for the virtual human body, \$123.00

ISO 18825-2:2016, Clothing - Digital fittings - Part 2: Vocabulary and terminology used for attributes of the virtual human body, \$200.00

ISO 37101:2016, Sustainable development in communities - Management system for sustainable development – Requirements with guidance for use, \$173.00

ISO/TR 13571-2:2016, Life-threatening components of fire - Part 2: Methodology and examples of tenability assessment, \$265.00

TSP Meeting Schedule

The schedule for the meetings normally held at LDI is still under development. When it is ready, it will be posted at <http://tsp.esta.org/tsp/meetings/index.php>.

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