

Standards Watch

December 2010

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New Project: a Safety Standard for Stage Lifts

ESTA has started work on a new project to write an American National Standard: BSR E1.42 – 201x, *Entertainment Technology – Installed Stage Lift Safety Standard*. Stage lifts, such as orchestra pit or theatre forestage lifts, are not the subject of any current national standard. As result, safety requirements and inspections of them are inconsistent. This project is to develop a standard for stage lifts that can be referenced by the International Code Council and the National Fire Protection Association. The scope is limited to safety and to lifts that are installed as a part of the building and that are not for a single theatrical production. Any person involved in the design, manufacture, use, or inspection of stage lifts and who is willing to actively work on the project is invited to join the new working group. A working group application form is available on the ESTA website at http://www.esta.org/tsp/documents/procedural_docs.html.

An ambitious schedule has been proposed for developing BSR E1.42 so that the project can be completed in two years. Meetings will be held monthly to accomplish this. The meetings will be virtual meetings on the Web, but the working group will also meet face-to-face at the usual quarterly ESTA Technical Standards Program meetings. A good-quality webcam and headset, as well as a computer with a broad-band Internet connection, are required for participation in the on-line meetings. The first meeting will be an on-line meeting scheduled for Monday 20 December, from 15:00 to 18:00 Eastern Standard Time.

For more information about the project and how the meetings will be conducted, please contact Martin Moore, the secretary for the working group, at martinmoore2010@gmail.com.

Draft Chain Hoist Standard and Extensions to RDM in Public Review

Two draft standards have been posted for public review on the ESTA website through 7 February 2011 at http://www.esta.org/tsp/documents/public_review_docs.php:

- **BSR E1.6-2-201x**, *Entertainment Technology -- Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry*; and
- **BSR E1.37-1-201x**, *Additional Message Sets for ANSI E1.20 (RDM) - Part 1, Dimmer Message Sets*

BSR E1.6-2-201x deals with chain hoists as used in the entertainment industry as part of a performance or in preparation for a performance—not as the warehouse or factory material handling devices. BSR E1.37-1-201x is part of the BSR E1.37 project to add additional features to RDM. This part is a first installment that provides additional get/set parameter messages (PIDs) that are intended for, but are not limited to, use with entertainment lighting dimming systems. These additional messages allow access to configuration parameters commonly found in many theatrical dimming systems.

Boom-Base Standard Considered for Reaffirmation

ANSI E1.15-2006, *Entertainment Technology--Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies*, is being considered for reaffirmation. The public is invited to comment on the existing standard from now through 3 January 2011. The review is over when the "Review End Date" of 4 January starts.

The public review forms are available at http://www.esta.org/tsp/documents/public_review_docs.php. The existing standard is available for purchase from The ESTA Foundation at <http://www.estafoundation.org/pubs.htm>. ANSI E1.15 gives advice on boom and base assemblies, simple ground-support devices for lighting equipment and accessories. If the assembly is tall, not plumb, loaded unevenly, or likely to get run into by stage wagons or performers, there is substantial risk. This document offers advice to lower or eliminate that risk.

RoHS Recast

On 24 November 2010 the European Parliament adopted the latest amendments to the Restriction of Hazardous Substances Directive (RoHS), which amount to rewriting the RoHS directive to include previously exempt equipment. The text must be approved by the EU Council and published in the *Official Journal of the European Union*, but Herman Van Rompuy, the president of the Council, has set a goal of having this approved prior to 31 December 2010. The new RoHS directive will need to be implemented into each EU member state's laws no later than 18 months after publication in the *Official Journal of the European Union*. Some significant changes include the addition of a Category 11 containing all EEE not exempt and not in the other 10 categories, and the addition of Category 8 Medical, and Category 9 Monitoring and Control Instruments. The text of what has been adopted is available at <http://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//TEXT+TA+P7-TA-2010-0431+0+DOC+XML+V0//EN&language=EN>. Watch this space for more information as enabling legislation is adopted and PLASA issues new guidance on how to comply.

Control Protocols Plug Fest January Event

The Control Protocols Plug Fest celebrates its 2nd Anniversary with another Fest being held in January 2011 in conjunction with the Technical Standards Program meetings at the Marriott Solana in Westlake, Texas. As a result of the continuing popularity and growth of the program, the Plug Fest will fill a larger space at the Marriott, and the event will be lengthened by half a day, running Friday, January 21 from 16:00 to 22:00; Saturday, January 22 from 09:00 to 23:00; and Sunday, July 25 from 09:00 to 22:00. The event, originally created to support ANSI E1.20 RDM (Remote Device Management) two years ago has since expanded to cover all CPWG protocols, including the popular ANSI E1.31 DMX over Ethernet protocol.

The Control Protocols Plug Fest will be an informal event, with the only people around to see the equipment work or fail being engineers and technicians, not customers. The event will provide an opportunity for manufacturers' engineers to see if their products will work with the products of numerous manufacturers, find out on the spot what is wrong, fix it, and try again. With all the members of the RDM and E1.31 task groups that wrote the standards on-hand, it also provides an excellent resource to get implementation questions answered and to learn from everyone's shared experience.

For more information and to register, contact Scott Blair at sblair@rdmprotocol.org. Registration is important so that the logistics of the equipment delivery, setup, and removal can be organized. There is no charge for participation and the event is open to everyone. Hotel sleeping rooms can be reserved through ESTA at <https://www.esta.org/news/hotelreservations.php>.

ISO Seeks Feedback on ISO 9001

The International Organization for Standardization (ISO) is soliciting input on ISO 9001:2008, the principal document in the ISO 9000 family of standards for quality management systems via an online survey through December 2010. In particular, the survey seeks input relating to:

- the strengths, weaknesses, and potential gaps in ISO 9001:2008
- future market needs not currently addressed
- compatibility with other management system standards
- the current structure of ISO 9001:2008
- feedback on conformity assessment for third party-certified users

The survey is expected to take about 30 minutes to complete, and can be accessed at <http://isotc.iso.org/livelink/livelink/fetch/2000/2122/-8835176/-8835848/8835872/8835883/9841934/customview.html?func=ll&objId=9841934&objAction=browse>.

Three Weeks Left for UK Wireless Mic Funding

Ofcom, the agency that manages the RF spectrum in the UK, is calling on licensed wireless microphone users to register for a government funding scheme set up earlier this year to help pay for the replacement of channel 69 equipment. This equipment will stop working in 2012. Users who consider themselves eligible for funding must register their claim by 31 December 2010. Any claim received after this date will not be accepted. Applicants can register and manage their claims online at <http://www.pmsefunding.co.uk>. Alternatively, in the UK they can call the free helpline at 0800 011 3617.

Countries across Europe are clearing a block of frequencies to make way for new services, such as next-generation mobile broadband. Part of this block, channel 69 (854-862 MHz), is used by wireless microphones. Replacement frequencies for channel 69 have been made available in channel 38 (606-614 MHz) as well as other frequencies, but existing microphones will need to be replaced or modified to work at these new frequencies. In July 2010, the UK government announced that it will be providing a contribution towards the cost of new equipment for those users who are eligible under the terms of the scheme. Those affected will receive roughly 55% towards the cost of replacing their equipment.

Eligible applicants will have held a valid WT Act channel 69 license for at least part of the period between 3 February 2008 and 2 February 2009 inclusive. The exception to this will be equipment rental companies that can prove their channel 69 business exclusively involves renting out (and not installing or operating) channel 69 equipment. The equipment must be in working condition and capable of tuning to channel 69 but not to channel 38. It must have been bought before 30 June 2009.

FCC Publishes New Rules for Unlicensed Devices in the TV Bands

The 6 December 2010 issue of the *Federal Register* contains the Federal Communication Commission's new rules for the operation of unlicensed broadband devices in unused spectrum in the TV bands. Access to this spectrum is touted as possibly enabling "more powerful public Internet connections—super Wi-Fi hot spots—with extended range, fewer dead spots, and improved individual speeds as a result of reduced congestion on existing networks." The Commission's actions are "expected to spur investment and innovation in applications and devices that will be used not only in the TV band but eventually in other frequency bands as well." Most of the new rules take effect 5 January 2011. The *Federal Register* pages with the rules are available at <http://edocket.access.gpo.gov/2010/pdf/2010-30184.pdf>.

More FCC Innovation in the Broadcast TV Bands

The Federal Communication Commission has published a notice of proposed rulemaking that would further open the TV bands to non-TV uses. The proposed rulemaking (document FCC 10-196, ET Docket No. 10-235) would repurpose parts of the UHF and VHF frequency bands now used for broadcast television to make the spectrum available for fixed and mobile wireless communications services, including mobile broadband. At the same time, the FCC states that it intends to preserve over-the-air TV, which "serves important public interests." It intends to accomplish these things by

- proposing that wireless broadband providers have equal access to television broadcast frequencies that could become available in spectrum auctions;
- establishing a licensing framework that would permit two or more discrete, separately licensed stations to share a six-megahertz channel; and
- improving TV reception on VHF channels 2 through 13 by taking such steps as allowing increased transmitting power and establishing minimum performance standards for indoor antennas.

The 47-page notice of rulemaking was published on the FCC website on November 30 and is available at http://www.fcc.gov/Daily_Releases/Daily_Business/2010/db1130/FCC-10-196A1.pdf. The document says it has a comment deadline of 45 days after its date of publication in the *Federal Register*, but as of December 10 the proposed rulemaking had not yet appeared there.

More FCC Innovation in . . . Everything!

On 30 November the Federal Communications Commission published a Notice of Inquiry entitled "Promoting More Efficient Use of Spectrum Through Dynamic Spectrum Use Technologies." The NOI (document FCC 10-

198, ET Docket No. 10-237) seeks comments on a number of ideas about how dynamic spectrum access technologies might make for more efficient use of the entire RF spectrum by allowing radios to share available spectrum dynamically across different frequencies. In particular, the FCC expresses an interest in developing spectrum sensing and other dynamic spectrum sharing capabilities and techniques, and also in expanding the database access model applicable to unlicensed Television Band Devices to other spectrum bands.

The 31-page NOI is available on the FCC website at http://www.fcc.gov/Daily_Releases/Daily_Business/2010/db1130/FCC-10-198A1.pdf. The document says it has a comment deadline of 60 days after its date of publication in the *Federal Register*, but as of December 10 the notice had not yet appeared there.

IGCC Public Version 2.0 Released

The International Code Council has released the latest edition of the International Green Construction Code (IGCC), IGCC Public Version 2.0. The document is available as a free download on the Code Council's website at <http://www.iccsafe.org/igccv2>. Public Version 2.0 reflects the work of the IGCC Public Hearings Committee, which conducted a review of 1,500 comments and heard nearly 120 hours of testimony during eight days of public hearings in Chicago in August 2010 (which works out to an amazing 15 hours of testimony a day).

Code change proposals based on this Version 2.0 are due to the Code Council by January 3. Those proposals will be heard at the Code Development Hearings, to be held in Dallas in May. More information on submitting proposals can be found at <http://www.iccsafe.org/IGCC/PV2Development>.

WTO Notifications

The U.S. Department of Commerce's web-based e-mail subscription service, Notify U.S., recently has announced a few notifications that might affect the business interests of *Standards Watch* readers or that readers may find interesting.

Indonesia Notification IDN/47

Date issued: 3 December 2010

Agency responsible: Directorate General of Standardization and Consumer Protection, Ministry of Trade

National inquiry point: National Standardization Agency (BSN)

Products covered: Labels on electronic goods for home appliances, telecommunication, and informatics, construction/building material; motor vehicles (spare parts and others)

Title: Regulation of Minister of Trade RI No. 62/M-DAG/PER/12/2009 concerning Obligatory Label Affixing on any Goods and Regulation of Minister of Trade No.22/M-DAG/PER/5/2010 concerning Amendment to Regulation of Minister of Trade RI No. 62/M-DAG/PER/12/2009 concerning Obligatory Label Affixing on any Goods

Description of content: This regulation states that every producer and importer of goods that listed on the annexes and to be traded in Indonesia market shall affix label in Indonesia language. The lists of goods affected by these regulations are provided in the annexes of Regulation of Minister of Trade No.22/M-DAG/PER/5/2010. Importers must affix the label before the imported goods are traded in Indonesia market. The label affixed must be clear and easy to understand by consumers.

These regulations are not mandatory applied for the following goods:

- (a) goods which are sold in bulk and packed directly in front of the consumers;
- (b) goods which are listed in the Annex I, Annex II, Annex III and Annex IV of regulation of Minister of Trade No. 22/M-DAG/PER/5/2010, if used as raw materials and / or other auxiliary materials in the production process.

The aforementioned producers and importers of goods must submit sample of the label to Director of Domestic Business Development and Enterprise Registration, Ministry of Trade. Procedure for getting the approval for the label is listed in the regulation No.22/M-DAG/PER/5/2010, free of charge. If all requirements have been completed, Director of Domestic Business Development and Enterprise Registration will issue certificate of affixing label in Indonesia language for goods, in 5 days after receiving the sample. The certificate is valid as long as the producers and/or importers produce and/or import the same goods mentioned in the certificate. If the producers and/or importers produce and/or import goods other than goods

mentioned in the certificate, the producers and/or importers must submit the sample of the label to Director of Domestic Business Development and Enterprise Registration, Ministry of Trade.

Requirements on how to put the label as well as information contained in the label are stated in the annexes of the Regulation of Minister of Trade No.22/M-DAG/PER/5/2010; whereas sanctions and any other requirements are included in both regulations.

For goods which are listed in Annex I, II, III, and IV of Regulation of Minister of Trade No. 22/M-DAG/PER/5/2010 which are already in the market before the date of entry into force of the regulation, the producers and/or importers of the goods have to adjust their label of products to comply with the regulation within 28 months after the date of entry into force of the regulation.

Objective and rationale: Consumer protection; Rights of consumers to get clear information; Protection of human health and safety; Protection of the environment

Relevant documents: Law No. 8 Year 1999 concerning Consumer Protection; Regulation Minister of Trade No. 14/M-DAG/PER/3/2007 concerning Obligatory Standardization of Services on Trade and Controlling of Indonesia National Standard (SNI) on Traded goods and services which has been amended by regulation of Minister of Trade No.30/M-DAG/PER/7/2007; Regulation Minister of Trade No. 20/M-DAG/PER/5/2009 concerning Provisions and procedures for monitoring goods and/or services.

Proposed date of adoption: Not given by country

Proposed date of entry into force: 1 September 2010 (three months ago and more)

Final date for comments: 3 February 2011

Full text in Indonesian in two parts:

[https://tsapps.nist.gov/notifyus/docs/wto_country/IDN/full_text/pdf/IDN47\[1\]\(indonesian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/IDN/full_text/pdf/IDN47[1](indonesian).pdf) and

[https://tsapps.nist.gov/notifyus/docs/wto_country/IDN/full_text/pdf/IDN47\[2\]\(indonesian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/IDN/full_text/pdf/IDN47[2](indonesian).pdf)

United States of America Notification USA/599

Date issued: 3 December 2010

Agency responsible: Environmental Protection Agency (EPA)

National inquiry point: National Center for Standards and Certification Information, National Institute of Standards and Technology (NCSCI/NIST)

Products covered: Volatile organic compound emissions in consumer products

Title: Revisions to the California State Implementation Plan, California Air Resources Board - Consumer Products

Description of content: EPA is proposing to approve revisions to the California Air Resources Board portion of the California State Implementation Plan (SIP). These revisions concern volatile organic compound (VOC) emissions from consumer products. We are approving a local rule that regulates these emission sources under the Clean Air Act as amended in 1990 (CAA or the Act). We are taking comments on this proposal and plan to follow with a final action.

Objective and rationale: Protection of the environment and consumers

Relevant documents: 75 Federal Register (FR) 69910, 16 November 2010; Title 40 Code of Federal Regulations (CFR) Part 52.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 16 December 2010 (thirteen days after posting notice)

Full text: <http://edocket.access.gpo.gov/2010/2010-28820.htm>

Costa Rica Notification CRI/103

Date issued: 25 November 2010

Agency responsible: Ministry of the Economy, Industry and Trade (MEIC)

National inquiry point: Ministerio de Economía, Industria y Comercio: Dirección de Mejora Regulatoria y Reglamentación Técnica, Centro de Información de Obstáculos Técnicos al Comercio - CIOT (MEIC)

Products covered: Measurement units

Title: Metrology, Measurement Units, International System (SI)

Description of content: The Regulation's purpose is to define and publicize the magnitudes, measurement units and symbols of units under the International System of Units (SI) and other units outside that system, which have been recognized by the General Conference on Weights and Measures (CGPM), and to standardize and establish a common idiom, in response to current requirements and trends, for the different scientific/technological, commercial, industrial, agricultural and educational activities.

The Technical Regulation will be mandatory for all activities involving the description, mention and use of measurement units. However, it has no implications for other units, not defined therein, but which are covered by international agreements or conventions between governments in the areas of maritime and air navigation.

Objective and rationale: Consumer information

Relevant documents: - Bureau International des Poids et Mesures. The International System of Units. 8th edition, BIPM. 2006.

- France. Joint Committee for Guides in Metrology. JCGM 200: 2008. International vocabulary of metrology - Basic and general concepts and associated terms (VIM). BIPM: 2008.

- International Council for Science: Committee on Data for Science and Technology. CODATA Internationally recommended values of the Fundamental Physics Constants. 2006.

- France. Organisation Internationale de Métrologie Légale. Recommendation Internationale OIML RI 22 Edition 1973 (F). Alcoométrie. Tables alcoolimétriques internationales. OIML: 1973.

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 in Spanish: [https://tsapps.nist.gov/notifyus/docs/wto_country/CRI/full_text/pdf/CRI103\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CRI/full_text/pdf/CRI103(spanish).pdf)

Notify U.S. suggests that US businesses send comments to notifyus@nist.gov at least three business days before the closing date. Include the following information:

- Your name
- Company name
- Contact name at company name
- Date submitted
- Notification commented on (number and title)
- Issue statement: The reason you are submitting comments should be stated clearly and concisely. Focus your issue statement on the technical aspects. If you would have trouble meeting a requirement deadline, indicate when you would be able to comply.
- Supporting rationale statement: You should provide a rationale to support your issue statement. Focus on the technical aspects of the proposed regulation with which you may have issues.

ANSI Public Review Announcements

The following recent ANSI public review announcements are likely to be of interest to *Standards Watch* readers. Please send your comments before the deadline to the person indicated and to the Board of Standards Review at the American National Standards Institute, psa@ansi.org.

Due 17 January 2011

BSR/AWS B5.5-201x, Specification for the Qualification of Welding Educators (revision of ANSI/AWS B5.5-2000)

Defines the requirements and program to qualify Welding Educators. The qualification of a Welding Educator is determined by a combination of education and experience, satisfactory demonstration of welding performance qualification tests, and written and practical examinations. The written examination demonstrates the educators' knowledge of welding process, weld discontinuities, destructive and nondestructive test methods, safety, welding metallurgy, weld symbols, basic arithmetic, codes, and other standards.

Order from: Rosalinda O'Neill, roneill@aws.org

Send comments to: Andrew Davis, adavis@aws.org

Single copy price: \$25.00

BSR/CEA/CEDIA 2030-A-201x, Multi Room Audio Cabling Standard (revision and redesignation of ANSI/CEA 2030-2005)

Defines cabling and connectors for use in distributing analog and digital audio signals throughout a home. This multi-room audio standard covers stereo content (either summed or two channels) only.

Order from: Global Engineering Documents, <http://www.global.ihs.com>

Send comments to: Catrina Akers, cakers@ce.org

Single copy price: \$76.00

BSR/ISA 50.00.01-1975 (R201x), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2002))

Applies to analog dc signals used in process control and monitoring systems to transmit information between subsystems or separated elements of systems. Its purpose is to provide for compatibility between the several subsystems or separated elements of given systems.

Order from and send comments to: Eliana Beattie, ebeattie@isa.org

Single copy price: \$39.90

BSI Public Review Announcements

BSI Standards has announced a few draft documents in public review that may be of interest to *Standards Watch* readers. After first registering with BSI, you may access and comment on the standards on-line for free by visiting <http://drafts.bsigroup.com/>.

Due 31 December 2010

BS 6180:2011, Barriers in and about buildings -- Code of practice

This British Standard gives recommendations and guidance for the design and construction of temporary and permanent barriers to be provided in and about buildings and places of assembly, such barriers being positioned and designed to protect persons from various hazards and to restrict or control the movement of persons or vehicles.

BS 8909, Specification for a sustainability management system for film

This standard specifies requirements for a sustainability management system for film. This standard is applicable to any organization that wishes to:

- a) establish, implement, maintain and improve a sustainability management system for film;
- b) assure itself of conformity with its stated sustainability policy;
- c) demonstrate conformity with this standard by:
 - 1) first party (self-determination and self-declaration by the organization seeking compliance);
 - 2) second party (confirmation of conformance by parties having an interest in the organization, such as clients, or by other persons on their behalf); or
 - 3) an independent third party (e.g. certification body).

This standard is for organizations involved in the development, production, distribution, exhibition and archiving of film.

Due 31 January 2011

BS 7594, Code of practice for audio-frequency induction-loop systems

This British Standard gives recommendations for and guidance on the design, planning, installation, testing, operation and maintenance of AFILS intended for communicating speech, music and/or other signals. It is mainly concerned with AFILS for hearing enhancement, in which the signals are communicated to users of hearing aids equipped with magnetic pick-up coils. This standard does not apply to induction-loop systems which use a carrier frequency, nor to other systems for hearing enhancement purposes which do not use magnetic induction.

New ANS Projects

ANSI has announced the following new projects to create, revise, or withdraw American National Standards. Please contact the person listed if you are interested in more information or in becoming involved in a project. You also may contact the developer if you object to the project and wish it to be abandoned, or if you would like to point out that it conflicts with an existing standard.

ANSI/ABYC P-24-201x, Electric/Electronic Propulsion Control Systems (new standard)

Provides a guide for the design, construction, testing, and installation of systems for electric/electronic remote

control of forward and reverse thrust, speed, and trim/tilt of propulsion machinery on boats.

Contact: John Adey, jadey@abycinc.org

BSR A14.1-201x, Wood Ladders (revision of ANSI A14.1-2007)

Defines the recommended procedures to produce wood ladders. The products meeting the standard will perform up to load limits that have large factors of safety and still use wood in reasonable strength to weight ratios.

Species and grade information is included to assist the correct selection of raw material. The standard is one of the oldest in ANSI and is specific to only one product definition in its scope.

Contact: Janet Rapp, jrapp@smithbucklin.com

BSR A14.5-201x, Portable Reinforced Plastic Ladders (revision of ANSI A14.5-2007)

Focuses on the unique properties of fiber-reinforced plastics. The use of fiber-reinforced plastics in ladders was particularly welcomed by electrical industry due to its non-conducting properties. As a result, it became necessary to develop a ladder safety standard recognizing its unique properties. The standard incorporated the results of continuing ongoing research and the continuing contributions of industry manufacturers, users, consultants, governmental agencies, and many other groups.

Contact: Janet Rapp, jrapp@smithbucklin.com

BSR A14.7-201x, Ladder Stands and Mobile Ladder Stand Platforms (revision of ANSI A14.7-2006)

Prescribes rules and requirements governing the proper design, construction, testing, care, use, and maintenance of mobile ladder stands and mobile ladder stand platforms. These are fixed height self-supporting units. Products identified in this standard are primarily used in the workplace, generally purchased to perform a specific task, and quite often remain in the same work area throughout their useful life. They are not intended to be broken down and rebuilt once initially constructed.

Contact: Janet Rapp, jrapp@smithbucklin.com

BSR ASQ/ISO 11462-1-201x, Guidelines for the implementation of statistical process control (SPC) - Part 1: Elements of SPC (identical national adoption of ISO 11462-1: 2001)

Statistical process control (SPC) concerns the use of statistical techniques and/or statistical or stochastic control algorithms to achieve one or more of the following objectives:

- (a) to increase knowledge about a process;
- (b) to steer a process to behave in the desired way; and
- (c) to reduce variation of final-product parameters, or in other ways improve performance of a process.

These guidelines give the elements for implementing an SPC system to achieve these objectives. The common economic objective of statistical process control is to increase good process outputs produced for a given amount of resource inputs.

Contact: Angela Harris, standards@asq.org

BSR ASQ/ISO 11462-2-201x, Guidelines for the implementation of statistical process control (SPC) - Part 2: Catalog of tools and techniques (identical national adoption of ISO 11462-2: 2010)

Provides a catalog of tools and techniques to help an organization in planning, implementation and evaluation of an effective statistical process control (SPC) system. This catalog gives tools and techniques that are essential for the successful realization of the SPC elements.

Contact: Angela Harris, standards@asq.org

BSR ASQ/ISO 11648-1-201x, Statistical aspects of sampling from bulk materials - Part 1: General principles (identical national adoption of ISO 11648-1:2003)

Establishes the general principles for the application and statistical treatment of the sampling of bulk materials. This standard also provides general guidance and examples for estimating necessary variances and checking precision and bias when the average value of a quality characteristic is investigated. Furthermore, this part of ISO 11648 gives information relating to the statistical analyses of serial data, by the use of variograms and correlograms.

Contact: Angela Harris, standards@asq.org

BSR ASQ/ISO 11648-2-201x, Statistical aspects of sampling from bulk materials - Part 2: Sampling of particulate materials (identical national adoption of ISO 11648-2: 2001)

Defines the basic terms with definitions for the sampling of bulk materials. These terms are necessary for

providing a better understanding of sampling techniques as well as making it easier to fulfill requirements.
Contact: Angela Harris, standards@asq.org

BSR ASQ/ISO 18414-201x, Acceptance sampling procedures by attributes - Accept-zero sampling system based on credit principle for controlling outgoing quality (identical national adoption of ISO 18414: 2006)

Specifies a system of single sampling schemes for lot-by-lot inspection by attributes. All the sampling plans of the present system are of accept-zero form, i.e., no lot is accepted if the sample from it contains one or more nonconforming items.

Contact: Angela Harris, standards@asq.org

BSR ASQ/ISO 7870-1-201x, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1: 2007)

Presents key elements and philosophy of the control chart approach, and identifies a wide variety of control charts (including those related to the Shewhart control chart and those stressing process acceptance or on-line process adjustment).

Contact: Angela Harris, standards@asq.org

BSR/ABYC P-27-201x, Electric/Electronic Steering Control Systems (new standard)

Provides a guide for the design, construction, testing, and installation of systems for electric/electronic steering on boats.

Contact: John Adey, jadey@abycinc.org

BSR/ISO/ASQ S5479-200x, Statistical interpretation of data - Tests for departure from the normal distribution (identical national adoption of ISO 5479: 2007)

Gives guidance on methods and tests for use in deciding whether or not the hypothesis of a normal distribution should be rejected, assuming that the observations are independent.

Contact: Angela Harris, standards@asq.org

Recently Published ISO Documents

The ISO has recently published some documents that may be of interest to *Standards Watch* readers.

ISO 16175-1:2010, Information and documentation - Principles and functional requirements for records in electronic office environments - Part 1: Overview and statement of principles, \$86.00

ISO 16175-3:2010, Information and documentation - Principles and functional requirements for records in electronic office environments - Part 3: Guidelines and functional requirements for records in business systems, \$180.00

ISO 29473:2010, Fire tests - Uncertainty of measurements in fire tests, \$104.00

ISO 29941:2010, Condoms - Determination of nitrosamines migrating from natural rubber latex condoms, \$65.00

ISO/TR 13028:2010, Information and documentation - Implementation guidelines for digitization of records, \$122.00

TSP Meeting Schedule

The following Technical Standards Program meetings will be held at the Dallas/Ft. Worth Marriott Solana in Westlake, TX. Please visit <https://www.esta.org/news/hotelreservations.php> to make a hotel room reservation.

Control Protocols BSR E1.30 Mo ACN TG	09:00 - 18:00, Sunday 23 January 2011
Control Protocols BSR E1.33 RDM TG	13:00 - 18:00, Saturday 22 January 2011
	13:00 - 18:00, Sunday 23 January 2011
Control Protocols Plug Fest	16:00 - 23:00, Friday 21 January 2011
	09:00 - 23:00, Saturday 22 January 2011
	09:00 - 22:00, Sunday 23 January 2011
Control Protocols WG	09:00 - 13:00, Monday 24 January 2011
Electrical Power WG	09:00 - noon, Sunday 23 January 2011
Fog & Smoke WG	19:00 - 23:00, Sunday 23 January 2011
Followspot Position WG teleconference	20:30 - 22:30 EST, Tuesday 11 January 2011
Photometrics WG	14:00 - 18:00, Monday 24 January 2011
Rigging BSR E1.21 Outdoor Structures TG	13:00 - 23:00, Friday 21 January 2011
	08:00 - noon, Saturday 22 January 2011
Rigging BSR E1.39 PFAS TG	09:00 - 17:00, Sunday 23 January 2011
Rigging BSR E1.6-1 Powered Winch TG	19:00 - 23:00, Saturday 22 January 2011
	09:00 - 21:00, Sunday 23 January 2011
	08:00 - noon, Monday 24 January 2011
Rigging BSR E1.6-3 Chain Hoist Usage TG	19:00 - 23:00, Friday 21 January 2011
	08:00 - noon, Saturday 22 January 2011
Rigging BSR E1.6-4 Chain Hoist Control TG	19:00 - 23:00, Saturday 22 January 2011
Rigging WG	13:00 - 18:00, Saturday 22 January 2011
Stage Lifts WG BSR E1.42 webcast	15:00 - 18:00 EST, Monday 20 December 2010
	15:00 - 18:00 EST, Monday 10 January 2011
	15:00 - 18:00 EST, Monday 14 February 2011
Technical Standards Committee	09:00 - 13:00, Tuesday 25 January 2011
Working Group Chairs	14:00 - 18:00, Sunday 23 January 2011

Standards Watch

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