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American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. **Order from the organization indicated for the specific proposal.**
2. **Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.**
3. **Include remittance with all orders.**
4. **BSR proposals will not be available after the deadline of call for comment.**

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

Comment Deadline: May 1, 2016

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 145.2-2011, Laboratory Test Methods for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011)

Table 6.1.4.1 sets forth required compounds for testing in certain categories of compounds. Since there are many difficulties in performing this test for formaldehyde, it is recommended that the method no longer require formaldehyde testing. Addendum d makes the appropriate change to Table 6.1.4.1.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO Z1001-201x, Prefabricated Gravity Grease Interceptors (revision of ANSI/IAPMO Z1001-2014)

This Standard covers prefabricated gravity grease interceptors made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel, and specifies requirements for design, materials, performance, testing, and markings.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: standards@iapmostandards.org

NSF (NSF International)

Revision

BSR/NSF 60-201x (i74r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking water treatment chemicals.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 5-201x, Standard for Safety for Surface Metal Raceways and Fittings (revision of ANSI/UL 5-2011)

The document dated 4-1-16 proposes revisions to installation instructions allowing an option to access a manufacturer's website for the information.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 209-201x, Standard for Safety for Surface Cellular Metal Floor Raceways and Fittings (revision of ANSI/UL 209-2011)

The document dated 4-1-16 proposes revisions to installation instructions allowing an option to access a manufacturer's website for the information.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 651-201x, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2014)

The document dated 4-1-2016 proposes the exemption of permanency of printing requirements for Schedule 40 and 80 conduit when markings are laser-printed and the removal of the reference to ASTM D648, which has been withdrawn.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)

(1) Addition of allowable PV cable connectors to module documentation and revising the reference to the Standard for Component Connectors for Use in Data, Signal, Control and Power Applications, UL 1977, to the Standard for Connectors for Use in Photovoltaic Systems, UL 6703.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2231-2-201X, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits - Part 2: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2012)

(2) Revision to requirements regarding power interruption; (10) Added requirements for periodic testing of CCID Supervisory Test; (11) Clarification of requirements in 17.2 regarding the Weld Monitor Self Test.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

Comment Deadline: May 16, 2016

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC H-5-201x, Boat Load Capacity (revision of ANSI/ABYC H-5-2012)

This standard is a guide for determining the maximum weight and persons capacity of boats.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

Send comments (with copy to psa@ansi.org) to: comments@abycinc.org

AISC (American Institute of Steel Construction)

New Standard

BSR/AISC 303-201x, Code of Standard Practice for Steel Buildings and Bridges (new standard)

This Code sets forth criteria for the trade practices involved in steel buildings, bridges, and other structures, where other structures are defined as those structures designed, fabricated, and erected in a manner similar to buildings with building-like vertical and lateral load-resisting elements.

Single copy price: \$35.00

Obtain an electronic copy from: www.aisc.org/publicreview

Order from: Janet Cummins; cummins@aisc.org

Send comments (with copy to psa@ansi.org) to: Same

ASA (ASC S3) (Acoustical Society of America)

Revision

BSR ASA S3.7-201x, Method for Measurement and Calibration of Earphones (revision of ANSI ASA S3.7-1995 (R2008))

This standard describes measurement methods for earphones and earphone transducers using couplers or ear simulators. Guidance is provided for the selection of the appropriate coupler or ear simulator for a given earphone and application. Methods for measurement of calibrated frequency response, input-output linearity, electrical impedance, and non-linear distortion, are described.

Single copy price: \$150.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Susan Blaeser, (631) 390-0215, asastds@acousticalsociety.org

Send comments (with copy to psa@ansi.org) to: Same

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME STS-1-201x, Steel Stacks (revision of ANSI/ASME STS-1-2011)

This Standard covers many facets of the design of steel stacks. It outlines the consideration that must be made for both the mechanical and structural design. It emphasizes what consideration must be taken for wind- and seismic-induced vibrations.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Lauren Powers, (212) 591-7008, powersl@asme.org

ASTM (ASTM International)

Revision

BSR/ASTM D3841-201x, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2001 (R2008))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM D4226-201x, Test Methods for Impact Resistance of Rigid Poly (Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM D4495-201x, Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight (revision of ANSI/ASTM D4495-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM D4726-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM E8-201x, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-2015a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM E18-201x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM E2026-201x, Guide for Seismic Risk Assessment of Buildings (revision of ANSI/ASTM E2026-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM E2557-201x, Practice for Probable Maximum Loss (PML) Evaluations for Earthquake Due-Diligence Assessments (revision of ANSI/ASTM E2557-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM F963-201x, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Revision

BSR/ASTM F1817-201x, Test Method for Performance of Conveyor Ovens (revision of ANSI/ASTM F1817-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR/ATIS 0600015.12-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting Power Systems - Uninterruptible Power Supply Requirements (new standard)

This document provides the methodology to be used by vendors and third-party independent laboratories in the formation of telecommunications energy efficiency ratios for various typical operating modes of UPS systems. The requirements and definitions in this document are for UPS systems that are deployed in the information and communications technology industry.

Single copy price: \$110.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600015.04-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2010)

This document defines how to measure the Telecommunication Energy Efficiency Ratio (TEER) of DC Power Plant Rectifiers. The standard also provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: \$140.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600028-201x, DC Power Wire and Cable for Telecommunications Power Systems for XHHW and DLO/Halogenated RHW-RHH Cable Types (revision of ANSI/ATIS 0600028-2011)

This document describes standard dimensions and testing for XHHW and DLO type wires to be used for telecommunications power and grounding as an alternative to RHW-RHH cable described in ATIS-0600017.

Single copy price: \$175.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

Send comments (with copy to psa@ansi.org) to: Same

ECIA (Electronic Components Industry Association)***New Standard***

BSR/EIA 740-A-201x, Specification for Small Form Factor 88.9 Millimeter (3.5 Inches) Disk Drives (new standard)

This standard defines the dimensions and interconnections of 88.9 mm (3.5 in.) small-form-factor disk drives. The purpose of this standard is to define the external characteristics of small-form-factor disk drives so that products from different vendors may be used in the same mounting configurations.

The standard provides specifications on external dimensions, connectors, connector placement, mounting holes and interface pinouts to assist manufacturers in the systems integration of small-form-factor disk drives.

Single copy price: \$78.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: emikoski@ecianow.org

ECIA (Electronic Components Industry Association)***New Standard***

BSR/EIA 964-201x, Specification for QSFP+ 10 Gb/s Pluggable Transceiver (new standard)

Provides a common solution for combined four-channel ports that support SONET/SDH and/or Ethernet and/or Infiniband and/or Fibre Channel specifications.

Single copy price: \$94.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: emikoski@eciaonline.org

ECIA (Electronic Components Industry Association)***Revision***

BSR/EIA 720-B-201x, Specification for Small Form Factor 63.5 millimeters (2.5 inches) Disk Drives (revision and redesignation of ANSI/EIA 720-A-2007)

This standard defines the dimensions and connector locations of 63.5 millimeters (2.5 inch) small-form-factor disk drives. The purpose of this standard is to define the external characteristics of small-form-factor disk drives so that products from different vendors may be used in the same mounting configurations. The standard provides specifications on external dimensions, connectors, connector placement, and mounting holes to assist manufacturers in the systems integration of small-form-factor disk drives.

Single copy price: \$88.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: emikoski@ecianow.org

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)***New Standard***

BSR/IAPMO Z601-201x, Scale Reduction Devices (new standard)

This Standard covers scale reduction devices intended for residential and similar water-heating applications and specifies general, material, structural integrity, and testing requirements.

Single copy price: \$10.00

Obtain an electronic copy from: standards@iapmostandards.org

Order from: Kyle Thompson, (909) 230-5534, kyle.thompson@iapmostandards.org

Send comments (with copy to psa@ansi.org) to: Same

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)***Revision***

BSR/NIST-ITL 1-2011 Update:2015, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2011 Update: 2013)

The ANSI/NIST-ITL 1-2011 Update: 2013 updated the current standard to include corrections, other new fields, and explanatory material. Resolved negative comments during first voting and public review.

Single copy price: Free

Obtain an electronic copy from: http://www.nist.gov/itl/iad/ig/ansi_standard.cfm

Order from: Patricia Flanagan, 301-975-4965, biometrics-editor@nist.gov

Send comments (with copy to psa@ansi.org) to: Same

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)***New Standard***

BSR/RESNA CA-1-201x, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (new standard)

This standard addresses the accessibility of technologies identified as priorities for people with cognitive impairments, which includes cell phones, microwave ovens, and fire extinguishers. The initial focus will be on the accessibility of devices, generally excluding software products, services, or web-page design. This standard is intended to increase access to a variety of products for people with cognitive impairments. This standard reports measurable and functional characteristics of products to assist users in determining if the product will meet their specific needs. Using this standard does not preclude meeting other applicable standards and test methods.

Single copy price: \$75.00

Obtain an electronic copy from: ymeding@resna.org

Order from: Yvonne Meding, (703) 524-6686, YMeding@resna.org

Send comments (with copy to psa@ansi.org) to: Same

SAIA (ASC A92) (Scaffold & Access Industry Association)

New Standard

BSR/SAIA A92.20-201x, Design, Calculations, Safety Requirements and Test Methods for Mobile Elevating Work Platforms (MEWPs) (new standard)

This American National Standard specifies safety requirements and preventive measures, and the means for their verification, for certain types and sizes of mobile elevating work platforms (MEWPs) intended to position personnel, along with their necessary tools and materials, at work locations. It contains the structural design calculations and stability criteria, construction, safety examinations, and tests that shall be applied before a MEWP is first put into service.

Single copy price: \$125.00 (SAIA Members); \$135.00 (Non-Members)

Obtain an electronic copy from: deanna@saiaonline.org

Order from: DeAnna Martin, (816) 595-4860, deanna@saiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

SAIA (ASC A92) (Scaffold & Access Industry Association)

New Standard

BSR/SAIA A92.22-201x, Safe Use of Mobile Elevating Work Platforms (MEWPs) (new standard)

This Standard specifies requirements for application, inspection, training, maintenance, repair, and safe operation of Mobile Elevating Work Platforms (MEWPs). It applies to all types and sizes of MEWPs as specified in ANSI/SAIA A92.20 (design, calculations, safety requirements, and test methods) that are intended to position personnel, along with their necessary tools and materials, at work locations.

Single copy price: \$45.00 (SAIA Members); \$55.00 (Non-Members)

Obtain an electronic copy from: deanna@saiaonline.org

Order from: DeAnna Martin, (816) 595-4860, deanna@saiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

SAIA (ASC A92) (Scaffold & Access Industry Association)

New Standard

BSR/SAIA A92.24-201x, Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevating Work Platforms (MEWPs) (new standard)

This standard provides methods and guidelines to prepare MEWP training materials, defines administrative criteria, and delivers elements required for proper training and familiarization. It applies to all types and sizes of MEWPs defined in ANSI/SAIA A92.20 (design, calculations, safety requirements and test methods) that are intended to position personnel, along with their necessary tools and materials, at work locations.

Single copy price: \$25.00 (SAIA Members); \$35.00 (Non-Members)

Obtain an electronic copy from: deanna@saiaonline.org

Order from: DeAnna Martin, (816) 595-4860, deanna@saiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

SDI (Steel Deck Institute)

Revision

BSR/SDI QA/QC-201x, Standard for Quality Control and Quality Assurance for Installation of Steel Deck (revision of ANSI/SDI QA/QC-2011)

SDI-QA/QC is a standard for quality control and quality assurance for installation of steel deck to be used by designers, specifiers, manufacturers, and installers of steel deck used in floors and roofs. The specification sets guidelines and requirements for quality control and quality assurance for installation of steel deck. Non-mandatory user notes and commentary are included for further clarification and guidance.

Single copy price: \$5.00

Obtain an electronic copy from: bob@sdi.org

Order from: bob@sdi.org

Send comments (with copy to psa@ansi.org) to: Thomas Sputo; tsputo50@gmail.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 291-2012 (R201x), Standard for Safety for Automated Teller Systems (Proposal dated 4/1/16) (reaffirmation of ANSI/UL 291-2012)

These requirements cover the construction and security of equipment intended to automatically dispense currency when operated as intended by an authorized customer, and to provide a limited degree of protection against unauthorized removal of currency.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Linda Phinney, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 60950-23-2007 (R201x), Standard for Safety for Information Technology Equipment - Safety - Part 23: Large Data Storage Equipment (reaffirmation of ANSI/UL 60950-23-2007 (R2012))

Reaffirmation and continuance of the first edition of the Standard for Information Technology Equipment - Safety - Part 23: Large Data Storage Equipment, UL 60950-23, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Barbara Davis, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 751-201x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 751-2014)

(1) Proposed addition and revision of requirements to provide an alternate method of evaluating protective electronic circuits and controls; (2) Proposed addition of requirements to address vending machines with remote operation or monitoring functionality.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

Comment Deadline: May 31, 2016

ANS (American Nuclear Society)

Revision

BSR/ANS 51.10-201x, Auxiliary Feedwater System for Pressurized Water Reactors (revision of ANSI/ANS 51.10-1991 (R2008))

This standard specifies updated design requirements for the Auxiliary Feedwater System including system functions, performance requirements, and system description.

Single copy price: \$110.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

Send comments (with copy to psa@ansi.org) to: pschroeder@ans.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B1.22M-1985 (R201x), Gages and Gaging for MJ Series Metric Screw Threads (reaffirmation of ANSI/ASME B1.22M-1985 (R2011))

This Standard provides essential specifications and dimensions for the gages used on MJ series metric screw threads, and covers the specifications and dimensions for the thread gages and measuring equipment. The basic purpose and use of each gage are also described.

Single copy price: \$79.00

For Reaffirmations and Withdrawn standards, please view the ASME catalog at <http://catalog.asme.org>.

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B107.600-201x, Screwdrivers (revision, redesignation and consolidation of ANSI/ASME B107.15-2008, ANSI/ASME B107.26-2007, ANSI/ASME B107.30-2008, and ANSI/ASME B107.31M-1997 (R2002))

This Standard covers straight handle-type screwdrivers of flat tip, PHILLIPS® and POZIDRIV® designs intended for manual operation in driving or removing screws with slotted and PHILLIPS® or POZIDRIV® recesses. It also covers hexagonal shank flat tip and PHILLIPS® (PH)[1] and POZIDRIV® (PZ) design screwdriver bits intended for manual (non-power) operation in driving or removing screws with slotted heads and screws with PHILLIPS or POZIDRIV recesses. Additionally, it specifies two types of penetration gaging of PHILLIPS (PH) and POZIDRIV (PZ) screwdrivers and supplements the ASME blade and bit standards.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmondr@asme.org

ITI (INCITS) (InterNational Committee for Information Technology Standards)

New Standard

BSR/INCITS 536-201x, Information technology - Zoned Block Commands (ZBC) (new standard)

This standard defines the model and command set extensions to facilitate operation of zoned block devices. The clauses in this standard, implemented in conjunction with the applicable clauses of SPC-5 and SBC-4, specify the standard command set for zoned block devices.

Single copy price: Free

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

Order from: <http://webstore.ansi.org/>

Send comments (with copy to psa@ansi.org) to: comments@standards.incits.org

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ASTM (ASTM International)

BSR/ASTM WK53565-201x, New Specification for Poured in Place Padded Pole Vault Plant Box (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK53565.htm>

Inquiries may be directed to Corice Leonard, (610) 832-9744, accreditation@astm.org

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: John Buflod

Phone: (202) 682-8344

Fax: (202) 682-8344

E-mail: buflod@api.org

BSR/API RP 13M-6/ISO 13503-6, 1st Edition-2016, Recommended
Practice for Measuring Leakoff of Completion Fluids Under Dynamic
Conditions (national adoption with modifications of ISO 13503-6:2012)

ASIS (ASIS International)

Office: 1625 Prince Street
Alexandria, VA 22314-2818

Contact: Aivelis Opicka

Phone: (703) 518-1439

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E-mail: standards@asisonline.org

BSR/ASIS/ISC2/ISACA SA-201X, Security Awareness (new standard)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: Laura Donohoe

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 720-B-201x, Specification for Small Form Factor 63.5
millimeters (2.5 inches) Disk Drives (revision and redesignation of
ANSI/EIA 720-A-2007)

Obtain an electronic copy from: global.ihs.com (877) 413-5184

BSR/EIA 740-A-201x, Specification for Small Form Factor 88.9
Millimeter (3.5 Inches) Disk Drives (new standard)

Obtain an electronic copy from: global.ihs.com (877) 413-5184

BSR/EIA 964-201x, Specification for QSFP+ 10 Gb/s Pluggable
Transceiver (new standard)

Obtain an electronic copy from: global.ihs.com (877) 413-5184

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: Rachel Porter

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR/INCITS 536-201x, Information technology - Zoned Block
Commands (ZBC) (new standard)

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

BSR/INCITS 549-201x, Information technology - Zoned Device ATA
Command Set - 2 (ZAC-2) (new standard)

NEMA (ASC C18) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

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Fax: (703) 841-3367

E-mail: khaled.masri@nema.org

BSR C18.2M Part 2-201x, Portable Rechargeable Cells and Batteries -
Safety Standard (revision of ANSI C18.2M, Part 2-2014)

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Office: 1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903

Contact: Yvonne Meding

Phone: (703) 524-6686

Fax: (703) 524-6630

E-mail: YMeding@resna.org

BSR/RESNA CA-1-201x, RESNA Standard for Cognitive Accessibility -
Volume 1: Universal Criteria for Reporting the Cognitive Accessibility
of Products and Technologies (new standard)

Obtain an electronic copy from: ymeding@resna.org

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Paul Lloret*

Phone: (510) 319-4269

E-mail: Paul.E.Lloret@ul.com

BSR/UL 5-201x, Standard for Safety for Surface Metal Raceways and
Fittings (revision of ANSI/UL 5-2011)

Obtain an electronic copy from: www.comm-2000.com

BSR/UL 651-201x, Standard for Safety for Schedule 40, 80, Type EB
and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2014)

Obtain an electronic copy from: www.comm-2000.com

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AGMA (American Gear Manufacturers Association)

Revision

ANSI/AGMA 9005-F-2016, Industrial Gear Lubrication (revision of ANSI/AGMA 9005-E-2002 (R2013)): 3/23/2016

API (American Petroleum Institute)

New National Adoption

ANSI/API Specification 19AC/ISO 14998, 1st Edition-2016, Completion Accessories (national adoption with modifications of ISO 14998:2013): 3/21/2016

Revision

ANSI/API RECOMMENDED PRACTICE 754, Second Edition-2016, Process Safety Performance Indicators for the Refining and Petrochemical Industries (revision of ANSI/API Standard RP 754 -2010): 3/21/2016

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD5707-2016, Milking Machine Installations - Construction and Performance (national adoption of ISO 5707 with modifications and revision of ANSI/ASABE AD5707:2011): 3/23/2016

ANSI/ASABE AD20966-2016, Automatic milking installations - Requirements and testing (national adoption of ISO 20966 with modifications and revision of ANSI/ASABE AD20966:2011): 3/23/2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME PTC 4.2-1969 (R2016), Coal Pulverizers (reaffirmation of ANSI/ASME PTC 4.2-1969 (R2009)): 3/24/2016

ANSI/ASME PTC 6.2-2011 (R2016), Steam Turbines in Combined Cycles (reaffirmation of ANSI/ASME PTC 6.2-2011): 3/24/2016

ANSI/ASME PTC 6A-2000 (R2016), Appendix A to PTC 6, the Test Code for Steam Turbines (reaffirmation of ANSI/ASME PTC 6A -2000 (R2009)): 3/24/2016

ASTM (ASTM International)

New Standard

ANSI/ASTM F697-2016, Standard Practice for Care and Use of Athletic Mouth Protectors (new standard): 3/15/2016

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI/ATIS 0600015.11-2016, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Power Systems, DC/DC Converters (new standard): 3/21/2016

Revision

ANSI/ATIS 0600015.02-2016, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Transport and Optical Access Requirements (revision of ANSI/ATIS 0600015.02-2014): 3/21/2016

ANSI/ATIS 0600318-2016, Electrical Protection Applied to Telecommunications Network Plant at Entrances to Customer Structures or Buildings (revision of ANSI/ATIS 0600318-2010): 3/21/2016

ANSI/ATIS 0600337-2016, Requirements for Maximum Voltage, Current, and Power Levels in Network-Powered Transport Systems (revision of ANSI/ATIS 0600337-2010): 3/21/2016

Withdrawal

ANSI/ATIS 0700713-2006, Personal Communications Services (PCS 1900) - Specifications (withdrawal of ANSI/ATIS 0700713-2006 (R2011)): 3/21/2016

ECIA (Electronic Components Industry Association)

Revision

ANSI/EIA 364-1004A-2016, Environmental Test Methodology for Verifying the Current Rating of Freestanding Power Contacts for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-1004-2010): 3/23/2016

HI (Hydraulic Institute)

New Standard

ANSI/HI 7.8-2016, Controlled Volume Metering Pump Piping Guideline (new standard): 3/24/2016

Revision

ANSI/HI 5.1-5.6-2016, Sealless Rotodynamic Pumps for Nomenclature, Definitions, Design, Application, Operation, and Test (revision of ANSI/HI 5.1-5.6-2010): 3/24/2016

ANSI/HI 9.6.6-2016, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2009): 3/23/2016

Home Innovation (Home Innovation Research Labs)

Revision

* ANSI/ICC/ASHRAE 700-2015, National Green Building Standard (revision of ANSI/ICC 700-2012): 3/22/2016

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Revision

ANSI N42.35-2016, Standard for Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security (revision of ANSI N42.35-2006): 3/17/2016

ISA (International Society of Automation)

New National Adoption

ANSI/ISA 61804-3-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 3: EDDL Syntax and Semantics (identical national adoption of IEC 61804 -3:2015): 3/21/2016

ANSI/ISA 61804-4-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 4: EDD Interpretation (identical national adoption of IEC 61804-4:2015): 3/21/2016

ANSI/ISA 61804-5-2016, Functions Blocks (FB) for process control and Electric Device Description Language (EDDL) - Part 5: EDDL Built-in Library (identical national adoption of IEC 61804-5:2015): 3/21/2016

ANSI/ISA 62769-1-2016, Field Device Integration (FDI) - Part 1: Overview (identical national adoption of IEC 62769-1): 3/21/2016

ANSI/ISA 62769-2-2016, Field Device Integration (FDI) - Part 2: FDI Client (identical national adoption of IEC 62769-2): 3/21/2016

ANSI/ISA 62769-3-2016, Field Device Integration (FDI) - Part 3: FDI Server (identical national adoption of IEC 62769-3:2015): 3/21/2016

ANSI/ISA 62769-4-2016, Field Device Integration (FDI) - Part 4: FDI Packages (identical national adoption of IEC 62769-4:2015): 3/21/2016

ANSI/ISA 62769-5-2016, Field Device Integration (FDI) - Part 5: FDI Information Model (identical national adoption of IEC 62769-5:2015): 3/21/2016

ANSI/ISA 62769-6-2016, Field Device Integration (FDI) - Part 6: FDI Technology Mapping (identical national adoption of IEC 62769-6:2015): 3/21/2016

ANSI/ISA 62769-7-2016, Field Device Integration (FDI) - Part 7: FDI Communication Devices (identical national adoption of IEC 62769-7:2015): 3/21/2016

ANSI/ISA 62769-101-1-2016, Field Device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1 (identical national adoption of IEC 62769-101-1:2015): 3/21/2016

ANSI/ISA 62769-101-2-2016, Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE (identical national adoption of IEC 62769-101-2:2015): 3/21/2016

ANSI/ISA 62769-103-1-2016, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS (identical national adoption of IEC 62769-103-1:2015): 3/21/2016

ANSI/ISA 62769-103-4-2016, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET (identical national adoption of IEC 62769-103-4:2015): 3/21/2016

ANSI/ISA 62769-109-1-2016, Field Device Integration (FDI) - Part 109-1: Profiles - HART and WirelessHART (identical national adoption of IEC 62769-109-1:2015): 3/21/2016

NACE (NACE International, the Corrosion Society)

Revision

ANSI/NACE TM0284-2016, Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking (revision of ANSI/NACE TM0284-2011): 3/22/2016

NISO (National Information Standards Organization)

Reaffirmation

ANSI/NISO Z39.2-1994 (R2016), Information Interchange Format (reaffirmation of ANSI/NISO Z39.2-1994 (R2009)): 3/24/2016

Withdrawal

ANSI/NISO/ISO 12083-1995, Electronic Manuscript Preparation and Markup (withdrawal of ANSI/NISO/ISO 12083-1995 (R2009)): 3/24/2016

NSF (NSF International)

Revision

* ANSI/NSF 41-2016 (i7r1), Non-Liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2011): 3/20/2016

TCATA (Textile Care Allied Trades Association)

Revision

ANSI Z8.1-2016, Standard for Commercial Laundry Equipment and Operations - Safety Requirements (revision of ANSI Z8.1-2006): 3/24/2016

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 968-B-3-2016, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 3 (addenda to ANSI/TIA 968-B-2009): 3/23/2016

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 783-2003 (R2016), Standard for Safety for Electric Flashlights and Lanterns for Hazardous Locations (Proposal dated 01-22-16) (reaffirmation of ANSI/UL 783-2003 (R2011)): 3/18/2016

Revision

ANSI/UL 87A-2016, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2015): 3/22/2016

ANSI/UL 87B-2016, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2015): 3/22/2016

ANSI/UL 705-2016, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2013): 3/28/2016

ANSI/UL 705-2016a, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2013): 3/28/2016

ANSI/UL 705-2016b, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2013): 3/28/2016

ANSI/UL 796-2016, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2013a): 3/22/2016

ANSI/UL 921-2016, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2012): 3/23/2016

ANSI/UL 1446-2016, Standard for Safety for Systems of Insulating Materials - General (Proposal dated 12-11-15) (revision of ANSI/UL 1446-2015): 3/21/2016

* ANSI/UL 60745-2-15-2016, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (revision of ANSI/UL 60745-2-15-2013): 3/24/2016

* ANSI/UL 60745-2-15-2016a, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (Proposal dated 05-08-2015) (revision of ANSI/UL 60745-2-15-2013): 3/24/2016

* ANSI/UL 62841-1-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 1: General Requirements (revision of ANSI/UL 62841-1-2015): 2/17/2016

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AAMI (Association for the Advancement of Medical Instrumentation)

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Arlington, VA 22203-1633

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E-mail: celliott@aami.org

BSR/AAMI/ISO 19211-201x, Anaesthetic and respiratory equipment - Automatic fire safety valves for use during oxygen therapy (new standard)

Stakeholders: Manufacturers of fire flow stop devices, clinicians, patients.

Project Need: Standardization of fire flow stop devices for use during oxygen therapy.

Specifies the performance and testing of automatic fire safety valves that are connected to sources of oxygen used for therapy and that are activated by fire within the respiratory therapy tubing and intended to cut off the supply of the oxygen in the delivery tubing.

BSR/AAMI/ISO 19223-201x, Lung ventilators and related equipment - Vocabulary and semantics (new standard)

Stakeholders: Manufacturers of lung ventilators and related equipment, clinicians.

Project Need: Standardization of terminology for lung ventilators and related equipment.

Establishes a vocabulary of terms and semantics for all fields of respiratory care such as intensive-care ventilation, anaesthesia ventilation, home-care ventilation including sleep apnoea breathing therapy equipment and emergency and transport ventilation.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street
Suite 10
Annapolis, MD 21403

Contact: Helen Koepper

Fax: (410) 990-4466

E-mail: hkoepper@abycinc.org

* BSR/ABYC EDU-2-201x, Skill-Based Human Propelled Standard (new standard)

Stakeholders: Consumers, insurance personnel, boat manufacturers, trade organizations, and surveyors.

Project Need: This standard identifies on-water skills necessary to safely operate a human-propelled boat.

This standard is a guide for on-water skills necessary to safely operate a human-propelled boat.

API (American Petroleum Institute)

Office: 1220 L Street NW
Washington, DC 20005

Contact: John Buflod

Fax: (202) 682-8344

E-mail: buflodj@api.org

BSR/API RP 13M-6/ISO 13503-6, 1st Edition-2016, Recommended Practice for Measuring Leakoff of Completion Fluids Under Dynamic Conditions (national adoption with modifications of ISO 13503-6:2012)

Stakeholders: Petroleum & Natural Gas industry.

Project Need: Provide recommended practices to test leakoff of completion fluids.

This recommended practice provides consistent methodology for measuring the fluid loss of completion fluids under dynamic conditions. This part recommended practice is applicable to all completion fluids except those that react with porous media.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: Carla VanGilder

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E-mail: vangilder@asabe.org

BSR/ASAE S354.6 MONYEAR-201x, Safety for Farmstead Equipment (revision of ANSI/ASAE S354.5-2006 (R2011))

Stakeholders: Operators and manufacturers of farmstead equipment, excluding agricultural field equipment.

Project Need: Periodic review of standard identify need to update the Normative References.

The purpose of this standard is to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of farmstead equipment. Does not apply to agricultural field equipment nor to self-propelled mobile equipment.

ASIS (ASIS International)

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Fax: (703) 518-1517

E-mail: standards@asisonline.org

BSR/ASIS/ISC2/ISACA SA-201X, Security Awareness (new standard)

Stakeholders: Organizations of all sizes and types: Security risk managers, professional security practitioners and consultants; risk and resilience management practitioners; cyber security practitioners; the global business community; not-for-profit organizations, and foundations; educational institutions; government agencies and organizations.

Project Need: The human element is central to any successful security strategy. By promoting a "security awareness culture," organizations can proactively prevent problems that detract from achieving their business objectives. Adversaries neither think nor act in siloes when they perform malicious activities. The proposed standard will integrate physical, cyber, and information security into day-to-day business and risk-management practices.

The Standard will focus on cross-disciplinary management measures, as well as awareness and training programs. The guidance standard will help organizations and their supply chains prepare for and minimize the likelihood of an undesirable event, as well as respond to and recover from a security incident. Topics of discussion related to security awareness will include: Physical security, information security, cybersecurity, wireless networks; password security; and intangible asset security.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

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E-mail: ansibox@asme.org

BSR/ASME WEG 1-201x, Water Efficiency Guidelines - General Requirements (new standard)

Stakeholders: Power plant personnel (e.g., owners, managers, operators), utilities personnel, heavy-water usage equipment manufacturers, waste treatment facility personnel.

Project Need: Via the surveying industry, it was found there is a desire for guidance documents providing best practices regarding the efficient use of water in applications within power and other industrial facilities as well as aid in evaluation of technical options (e.g., identifying technologies and techniques for new or existing facilities).

These guidelines provide guidance for the determination of best practices, methods for performance assessments, and evaluation of, and reporting criteria for, the efficient use and conservation of water within power and other industrial facilities. Subsections of this Guidance document will cover specific requirements addressing water conservation for facility cooling systems, the use of fresh and non-fresh water resources, and innovative water reuse and water recovery technologies. These guidelines shall be followed during all phases of development, design, equipment selection and procurement, operation, and maintenance of water systems and equipment in both new and existing facilities. This guideline includes guidance and design methods on replacements for water, recycling of water and water-efficiency methods that reduce or eliminate water use. It provides advice and tools that allow evaluation and selection of water-efficiency technologies.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM D4477-201x, Standard Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2009)

Stakeholders: Plastics industry.

Project Need: This specification establishes requirements and test methods for the materials, dimensions, camber, impact strength, expansion, and appearance of extruded single-wall soffit manufactured from rigid (unplasticized) PVC compound. Methods of indicating compliance with this specification are also provided.

http://compass.astm.org/EDIT/html_historical.cgi?D4477+08

BSR/ASTM D6777-201x, Test Method for Relative Rigidity of Poly (Vinyl Chloride)(PVC) Siding (revision of ANSI/ASTM D6777-2002 (R2010))

Stakeholders: Plastics industry.

Project Need: This procedure describes a method to determine a numerical value indicating the relative rigidity or stiffness of vinyl siding panels. This procedure is not intended for routine quality control inspection during the manufacture of vinyl siding.

http://compass.astm.org/EDIT/html_annot.cgi?D6777+02\2010\01

BSR/ASTM F2143-201x, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2004 (R2010))

Stakeholders: Food Service Equipment industry.

Project Need: This test method covers evaluation of the energy consumption and refrigeration performance of refrigerated buffet and preparation tables.

http://compass.astm.org/EDIT/html_annot.cgi?F2143+04\2010\01

AWS (American Welding Society)

Office: 8669 NW 36 ST., #130
Miami, FL 33166

Contact: *Peter Portela*

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E-mail: pportela@aws.org

BSR/AWS D16.1M/D16.1-201X, Specification for Robotic Arc Welding Safety (reaffirmation of ANSI/AWS D16.1M/D16.1-2004)

Stakeholders: Organizations within the robotic welding community.

Project Need: This document needs to be reaffirmed to meet the five-year review policy for AWS standards.

This standard establishes safety requirements with respect to the design, manufacture, and operation of arc-welding robot systems and ancillary equipment. It also helps to identify and minimize hazards involved in maintaining, operating, and setting up of arc-welding robot systems.

ESTA (Entertainment Services and Technology Association)

Office: 630 Ninth Avenue
Suite 609
New York, NY 10036-3748

Contact: Karl Ruling

Fax: (212) 244-1502

E-mail: standards@esta.org

BSR E1.40-201x, Recommendations for the Planning of Theatrical Dust Effects (revision of ANSI E1.40-2011)

Stakeholders: Effects technicians, performers, camera operators, and equipment suppliers.

Project Need: This standard is being opened for revision primarily to address deflagration of dust. Other changes include a generalized grouping of types of dusts, editorial changes, and changes to references of Material Safety Data Sheets.

A wide variety of products are used to create dust effects in motion picture and television production, and also in live theatrical productions and theme parks. The use of dust aerosols raises concerns for potential hazards, including combustibility and health effects from inhalation or ingestion, which are well known in some industrial sectors, but are poorly understood in others. This document would provide recommendations for how to plan the use and assess the safety of such effects.

BSR E1.41-201x, Recommendations for the Measurement of Entertainment Luminaires Utilizing Solid State Light Sources (revision of ANSI E1.41-2012)

Stakeholders: Entertainment luminaire manufacturers, specifiers, buyers, sellers, and users.

Project Need: This standard is being opened for revision to specify that the Fidelity Index (Rf) rating as defined in IES TM-30-15, IES Method for Evaluating Light Source Color Rendition, is used for reporting the production of white light of a reported CCT.

This standard is intended to be used for the presentation of photometric data for luminaires employing solid-state light sources used in the entertainment and performance industries. This standard defines photometric data that may be presented on documents purporting to accurately describe the photometric performance of these luminaires when producing both white and colored light.

BSR E1.55-201x, Standard for Theatrical Makeup Mirror Lighting (revision of ANSI E1.55-2015)

Stakeholders: Entertainment luminaire manufacturers, specifiers, buyers, sellers, and users.

Project Need: This standard is being opened for revision to add the Fidelity Index (Rf) rating per IES TM-30-15, IES Method for Evaluating Light Source Color Rendition, as an acceptable rating to meet the requirements for color rendering.

The standard offers recommendations and requirements for makeup mirror lighting in performer dressing rooms and similar locations. It defines a range of acceptable lamp CCTs and color-rendering ratings, and also specifies illumination levels and lighting angles for illuminating the performer's face.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 E. Philadelphia Street
Ontario, CA 91761-2816

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* BSR/CSA B45.5/IAPMO Z124-201x, Plastic plumbing fixtures (revision of ANSI/IAPMO Z124/CSA B45.5-2011)

Stakeholders: Manufacturers (producers), users, and general interest.
Project Need: CSA B45.5/IAPMO Z124 to undergo update and revision of evaluation testing, drawing illustration and term definition.

This Standard covers plastic plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard covers the following plumbing fixtures: (a) bathtubs and combination tub/showers; (b) lavatories; (c) shower bases and shower stalls; (d) sinks: (i) bar sinks, (ii) kitchen sinks, (iii) laundry sinks, and (iv) service sinks; (e) urinals; and (f) water closets.

* BSR/IAPMO Z1088-201x, Pre-Pressurized Water Expansion Tanks (revision of ANSI/IAPMO Z1088-2013)

Stakeholders: Manufacturers (producers), users, and general interest.
Project Need: IAPMO/ANSI Z1088 is proposed for revision to refine a testing procedure slightly further.

This Standard covers pre-pressurized water expansion tanks intended for use in potable and nonpotable water systems and specifies requirements for physical characteristics, performance testing, and markings.

ITI (INCITS) (InterNational Committee for Information Technology Standards)

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BSR/INCITS 549-201x, Information technology - Zoned Device ATA Command Set - 2 (ZAC-2) (new standard)

Stakeholders: ICT industry.

Project Need: This project complements the ATA Command Set standards (e.g., currently ACS-4). ACS-4 devices typically allow random writing. ZAC-2 devices require writing at specific points on their media but allow random reading.

Storage devices are embracing fundamental changes in technology. New devices based on this technology allow random reading of data that is already written, while requiring writing to occur at specific locations on their media. The proposed new standard builds on the work accomplished in ZAC to continue and improve support for the new technology. The following items should be considered for inclusion into the ZAC-2 standard:

- corrections for difficulties discovered during the development of first-adopter products based on ZAC;
- enhanced command and error handling definitions to support new customer requirements for the technology; and
- other capabilities that may fit within the scope of this project.

NEMA (ASC C18) (National Electrical Manufacturers Association)

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E-mail: khaled.masri@nema.org

- * BSR C18.2M Part 2-201x, Portable Rechargeable Cells and Batteries - Safety Standard (revision of ANSI C18.2M, Part 2-2014)

Stakeholders: Consumer electronics industry, toys industry, manufacturers, testing labs.

Project Need: New requirements for safety.

This American National Standard specifies performance requirements for standardized portable lithium-ion, nickel cadmium, and nickel metal hydride rechargeable cells and batteries to ensure their safe operation under normal use and reasonably foreseeable misuse, and includes information relevant to hazard avoidance. It is understood that consideration of this American National Standard might also be given to measuring and/or ensuring the safety of non-standardized secondary batteries. In either case, no claim or warranty is made that compliance or non-compliance with this American National Standard will fulfill or not fulfill any of the user's particular purposes or needs.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341-1318

Contact: *Rebecca Yaletchko*

Fax: (610) 363-5898

E-mail: ryaletchko@scte.org

- BSR/SCTE DSS 14-05-201x, DOCSIS 3.1 Part 5: Security Specification (new standard)

Stakeholders: Cable Telecommunication industry.

Project Need: Create new standard.

This standard is part of the DOCSIS® family of specifications. In particular, this standard is part of a series of standards that define the fifth generation of high-speed data-over-cable systems. This standard was developed for the benefit of the cable industry, and includes contributions by operators and vendors from North America, Europe, and other regions.

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Derrick Martin*

E-mail: Derrick.L.Martin@ul.com

- BSR/UL 2846-201x, Standard for Safety for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics (revision of ANSI/UL 2846-2014)

Stakeholders: Manufacturers of plastic piping products and plastic piping systems, AHJs - particularly mechanical code inspectors, AHJs for certain classes of residential occupancies, commercial building owners, residential building owners, installers, and consumers.

Project Need: To obtain national recognition of a standard covering plastic plumbing pipes for distribution of potable water and hydronic heating and cooling applications.

The requirements of UL 2846 consist of a test method for determining values of flame propagation distance and optical smoke density for individual pairs of plastic plumbing pipes for distribution of potable water and hydronic heating and cooling applications that can be installed in ducts, plenums, and other spaces used for environmental air.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select "Standards Activities," click on "Public Review and Comment" and "American National Standards Maintained Under Continuous Maintenance." This information is also available directly at www.ansi.org/publicreview.

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8261 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>ECIA Electronic Components Industry Association 2214 Rock Hill Road Suite 265 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.ecianow.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5741 Fax: 202-638-4922 Web: www.incits.org</p>
<p>ABYC American Boat and Yacht Council 613 Third Street Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Fax: (410) 990-4466 Web: www.abycinc.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>ESTA Entertainment Services and Technology Association 630 Ninth Avenue Suite 609 New York, NY 10036-3748 Phone: (212) 244-1505 Fax: (212) 244-1502 Web: www.plasa.org</p>	<p>NACE NACE International, the Corrosion Society 15835 Park Ten Place Houston, TX 77084 Phone: (281) 228-6485 Web: www.nace.org</p>
<p>AGMA American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314-1587 Phone: (703) 684-0211 Web: www.agma.org</p>	<p>ASIS ASIS International 1625 Prince Street Alexandria, VA 22314-2818 Phone: (703) 518-1439 Fax: (703) 518-1517 Web: www.asisonline.org</p>	<p>HI Hydraulic Institute 6 Campus Drive Parsippany, NJ 07054 Phone: (973) 267-9700 x115 Web: www.pumps.org</p>	<p>NEMA (ASC C12) National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3278 Fax: (703) 841-3367 Web: www.nema.org</p>
<p>AISC American Institute of Steel Construction One East Wacker Drive Suite 700 Chicago, IL 60601 Phone: (312) 670-5410 Fax: (312) 986-9022 Web: www.aisc.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>Home Innovation Home Innovation Research Labs 400 Prince George's Boulevard Upper Marlboro, MD 20774-8731 Phone: (301) 430-6249 Fax: (301) 430-6182 Web: www.HomeInnovation.com</p>	<p>NISO National Information Standards Organization 3600 Clipper Mill Road Suite 302 Baltimore, MD 21211 Phone: (301) 654-2512 Fax: (410) 685-5278 Web: www.niso.org</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526 Phone: (708) 579-8268 Fax: (708) 579-8248 Web: www.ans.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>IAPMO (Z) International Association of Plumbing & Mechanical Officials 5001 E. Philadelphia Street Ontario, CA 91761-2816 Phone: (909) 472-4136 Fax: (909) 472-4178 Web: www.iapmort.org</p>	<p>NIST/ITL National Institute of Standards and Technology/Information Technology Laboratory 100 Bureau Drive Stop 8900 NIST Gaithersburg, MD 20899-8900 Phone: 301-975-4965 Web: www.nist.gov</p>
<p>API American Petroleum Institute 1220 L Street NW Washington, DC 20005 Phone: (202) 682-8507 Web: www.api.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>IEEE (ASC N42) Institute of Electrical and Electronics Engineers 100 Bureau Drive M/S 8462 Gaithersburg, MD 20899-8462 Phone: (301) 975-5536 Fax: (301) 926-7416 Web: standards.ieee.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>ASA (ASC S12) Acoustical Society of America 1305 Walt Whitman Rd Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsociety.org</p>	<p>AWS American Welding Society 8669 NW 36 ST., #130 Miami, FL 33166 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>ISA (Organization) International Society of Automation 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	

RESNA

Rehabilitation Engineering and
Assistive Technology Society of
North America

1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903
Phone: (703) 524-6686
Fax: (703) 524-6630
Web: www.resna.org

SAIA (ASC A92)

Scaffold & Access Industry Association
400 Admiral Boulevard
Kansas City, MO 64106
Phone: (816) 595-4860
Web: www.saiaonline.org

SCTE

Society of Cable Telecommunications
Engineers

140 Philips Road
Exton, PA 19341-1318
Phone: (480) 252-2330
Fax: (610) 363-5898
Web: www.scte.org

SDI (Canvass)

Steel Deck Institute
PO Box 426
Glenshaw, PA 15116
Phone: (412) 487-3325
Web: www.sdi.org

TCATA

Textile Care Allied Trades Association
271 Route 46 West #203D
Fairfield, NJ 07004
Phone: (973) 244-1790
Fax: (973) 244-4455
Web: www.tcata.org

TIA

Telecommunications Industry
Association

1320 North Courthouse Road
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Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
47173 Benicia Street
Fremont, CA 94538
Phone: (510) 319-4271
Web: www.ul.com



ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 16192, Space systems - Experience gained in space projects (Lessons learned) - Principles and guidelines - 11/6/2028

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC/DIS 80601-2-30, Medical electrical equipment - Part 2-30: Particular requirements for basic safety and essential performance of automated non-invasive sphygmomanometers, \$119.00

COSMETICS (TC 217)

ISO/DIS 29621, Cosmetics - Microbiology - Guidelines for the risk assessment and identification of microbiologically low-risk products - 4/24/2016, \$58.00

DENTISTRY (TC 106)

ISO/DIS 19490, Dentistry - Sinus membrane elevator - 6/30/2016, \$33.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 5459, Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems - 4/24/2016, \$155.00

EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 20474-1, Earth-moving machinery - Safety - Part 1: General requirements - 4/22/2016, \$107.00

ISO/DIS 20474-2, Earth-moving machinery - Safety - Part 2: Requirements for dozers - 4/22/2016, \$40.00

ISO/DIS 20474-3, Earth-moving machinery - Safety - Part 3: Requirements for loaders - 4/22/2016, \$62.00

ISO/DIS 20474-4, Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders - 4/22/2016, \$77.00

ISO/DIS 20474-5, Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators - 4/22/2016, \$71.00

ISO/DIS 20474-6, Earth-moving machinery - Safety - Part 6: Requirements for dumpers - 4/22/2016, \$53.00

ISO/DIS 20474-7, Earth-moving machinery - Safety - Part 7: Requirements for scrapers - 4/22/2016, \$46.00

ISO/DIS 20474-8, Earth-moving machinery - Safety - Part 8: Requirements for graders - 4/22/2016, \$40.00

ISO/DIS 20474-9, Earth-moving machinery - Safety - Part 9: Requirements for pipelayers - 4/22/2016, \$53.00

ISO/DIS 20474-10, Earth-moving machinery - Safety - Part 10: Requirements for trenchers - 4/22/2016, \$46.00

ISO/DIS 20474-11, Earth-moving machinery - Safety - Part 11: Requirements for landfill compactors - 4/22/2016, \$46.00

ISO/DIS 20474-12, Earth-moving machinery - Safety - Part 12: Requirements for cable excavators - 4/22/2016, \$67.00

ISO/DIS 20474-13, Earth-moving machinery - Safety - Part 13: Requirements for rollers - 4/22/2016, \$82.00

GAS CYLINDERS (TC 58)

ISO/DIS 13769, Gas cylinders - Stamp marking - 11/3/2027

ISO/DIS 11363-1, Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - 4/24/2016, \$53.00

ISO/DIS 11363-2, Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 2: Inspection gauges - 4/24/2016, \$71.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 15531-44, Industrial automation systems and integration - Industrial manufacturing management data - Part 44: Information modelling for shop floor data acquisition - 6/30/2016, \$107.00

MACHINE TOOLS (TC 39)

ISO/DIS 14955-2, Machine tools - Environmental evaluation of machine tools - Part 2: Methods for measuring energy supplied to machine tools and machine tool components - 4/24/2016

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 16371-2, Non-destructive testing - Industrial computed radiography with storage phosphor imaging plates - Part 2: General principles for testing of metallic materials using X-rays and gamma rays - 4/24/2016, \$102.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

- ISO/DIS 21987, Ophthalmic optics - Mounted spectacle lenses - 4/24/2016, \$82.00
- ISO/DIS 8980-1, Ophthalmic optics - Uncut finished spectacle lenses - Part 1: Specifications for single-vision and multifocal lenses - 4/24/2016, \$53.00
- ISO/DIS 8980-2, Ophthalmic optics - Uncut finished spectacle lenses - Part 2: Specifications for power-variation lenses - 4/24/2016, \$53.00

OTHER

- ISO/DIS 18785-1, Friction stir spot welding - Aluminium - Part 1: Vocabulary - 6/30/2016, \$82.00
- ISO/DIS 18785-2, Friction stir spot welding - Aluminium - Part 2: Design of weld joints - 6/30/2016, \$33.00
- ISO/DIS 18785-3, Friction stir spot welding - Aluminium - Part 3: Qualification of welding operators - 6/30/2016, \$46.00
- ISO/DIS 18785-4, Friction stir spot welding - Aluminium - Part 4: Specification and qualification of welding procedures - 6/30/2016, \$62.00
- ISO/DIS 18785-5, Friction stir spot welding - Aluminium - Part 5: Quality and inspection requirements - 6/30/2016, \$40.00

ROAD VEHICLES (TC 22)

- ISO/DIS 6626-2, Internal combustion engines - Piston rings - Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron - 11/15/2002, \$107.00

RUBBER AND RUBBER PRODUCTS (TC 45)

- ISO/DIS 2007, Rubber, unvulcanized - Determination of plasticity - Rapid-plastimeter method - 4/24/2016, FREE
- ISO/DIS 2321, Rubber threads - Methods of test - 6/30/2016, \$93.00
- ISO/DIS 6179, Rubber, vulcanized or thermoplastic - Rubber sheets and rubber-coated fabrics - Determination of transmission rate of volatile liquids (gravimetric technique) - 4/24/2016, \$53.00
- ISO/DIS 20163, Vulcanized rubber - Determination of free sulfur by gas chromatography (GC) and high performance liquid chromatography (HPLC) - 4/24/2016
- ISO/DIS 19984-1, Rubber and rubber products - Determination of biobased content - Part 1: General principles and calculation methods using formulation - 7/1/2016, \$67.00
- ISO/DIS 19984-2, Rubber and rubber products - Determination of biobased content - Part 2: Biobased carbon content - 7/1/2016, \$82.00
- ISO/DIS 19984-3, Rubber and rubber products - Determination of biobased content - Part 3: Biobased mass content - 7/1/2016, \$77.00

SAFETY OF MACHINERY (TC 199)

- ISO/DIS 14118, Safety of machinery - Prevention of unexpected start-up - 6/26/2016, \$58.00

SOLID BIOFUELS (TC 238)

- ISO/DIS 19743, Solid biofuels - Determination of content of heavy extraneous materials large than 3,15 mm - 4/24/2016, \$33.00

TEXTILES (TC 38)

- ISO/DIS 21340, Test methods for fibrous activated carbon - 4/24/2016, \$102.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

- ISO/DIS 15638-9, Intelligent transport systems - Framework for cooperative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 9: Remote electronic tachograph monitoring (RTM) - 4/24/2016, \$165.00

WATER QUALITY (TC 147)

- ISO/DIS 13843, Water quality - Requirements for establishing performance characteristics of quantitative microbiological methods - 4/24/2016

ISO/IEC JTC 1, Information Technology

- ISO/IEC 10373-6/DAMd4, Identification cards - Test methods - Part 6: Proximity cards - Amendment 4: Conformance test plan - 6/25/2016, \$71.00
- ISO/IEC 18013-4/DAMd1, Information technology - Personal identification - ISO-compliant driving licence - Part 4: Test methods - Amendment 1: Extended access control v1 & pace - 4/24/2016
- ISO/IEC DIS 7812-1, Identification cards - Identification of issuers - Part 1: Numbering system - 6/30/2016
- ISO/IEC/IEEE DIS 26513, Systems and software engineering - Requirements for testers and reviewers of user documentation - 4/22/2016, \$107.00

IEC Standards

- 22F/412/CDV, IEC 62927 Ed.1: Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) - Electrical Testing, 06/17/2016
- 23H/352/CDV, IEC 62613-2 Ed.2: Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-Systems) - Part 2: Dimensional compatibility and interchangeability requirements for accessories to be used by various types of ships, 06/17/2016
- 23H/356/CD, IEC 62986 Ed.1: Plugs, socket-outlets and couplers with arcuate contacts, 05/20/2016
- 23J/401/FDIS, IEC 61058-1 Ed.4: Switches for appliances - Part 1: General requirements, 05/06/2016
- 26/588/CDV, IEC 62822-3 Ed.1: Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment, 06/17/2016
- 27/967/CDV, IEC 60519-12 Ed.2: Safety in installations for electroheating and electromagnetic processing - Part 12: Particular requirements for infrared electroheating, 06/17/2016
- 34A/1888/CDV, Amendment 1 to IEC 60810 Ed.4: Lamps for road vehicles - Performance requirements, 06/17/2016
- 34B/1836/CDV, IEC 61184 Ed.4: Bayonet lampholders, 06/17/2016
- 34B/1842/CDV, IEC 60400 Ed.8: Lampholders for tubular fluorescent lamps and starterholders, 06/17/2016
- 34B/1852/FDIS, IEC 60238 Ed.8: Edison screw lampholders, 05/06/2016
- 34B/1853/FDIS, Amendment 54 to IEC 60061-1 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps, 05/06/2016
- 34B/1854/FDIS, Amendment 51 to IEC 60061-2 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, 05/06/2016

- 34B/1855/FDIS, Amendment 52 to IEC 60061-3 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges, 05/06/2016
- 34C/1199/FDIS, Amendment 1 to IEC 61347-2-13 Ed.2: Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules, 05/06/2016
- 38/505/NP, IEC 61869-220: Instrument transformers - Part 220: Safety requirements for Instrument Transformers for low voltage applications, 05/20/2016
- 38/506/NP, IEC 61869-201: Instrument transformers - Part 201: General requirements for Instrument Transformers for low voltage applications, 05/20/2016
- 40/2460/FDIS, IEC 60384-18 Ed.3: Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO₂) and non-solid electrolyte, 05/06/2016
- 47/2291/NP, Semiconductor devices - Reliability of automotive semiconductors - Part 1: Estimating aging level of automotive semiconductors, 06/17/2016
- 47F/243/CD, IEC 62047-29 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 29: Electromechanical relaxation test method for freestanding conductive thin-films under room temperature, 05/20/2016
- 57/1662/CDV, IEC 62351-7 Ed.1: Power systems management and associated information exchange - Data and communications security - Part 7: Network and system management (NSM) data object models, 06/17/2016
- 57/1663/CDV, IEC 62488-2 Ed.1: Power line communication systems for power utility applications - Part 2: Analogue power line carrier terminals (APLC), 06/17/2016
- 57/1696/DC, Proposed revision of IEC 61968-11: Application integration at electric utilities - System interfaces for distribution management - Part 11: Common information model (CIM) extensions for distribution (development of Edition 3.0), 05/06/2016
- 61/5142/FDIS, IEC 60335-2-29/Ed5: Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers, 05/06/2016
- 61J/624/CDV, IEC 62784/Ed1: Particular requirements for vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts, 06/17/2016
- 61J/635/FDIS, IEC 60335-2-79/Ed4: Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, 05/06/2016
- 62D/1317/CDV, IEC 80601-2-30: Medical Electrical Equipment - Part 2-30: Particular requirements for basic safety and essential performance of automated non-invasive sphygmomanometers, 06/17/2016
- 65/627/FDIS, IEC 61010-2-202 Ed.1: Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-202: Particular requirements for electrically operated valve actuators, 05/06/2016
- 65A/793/FDIS, IEC 61069-5 Ed. 2.0: Industrial-Process Measurement, Control and Automation - Evaluation of System Properties for the Purpose of System Assessment - Part 5: Assessment of system dependability, 05/06/2016
- 65A/794/FDIS, IEC 61069-6 Ed. 2.0: Industrial-Process Measurement, Control and Automation - Evaluation of System Properties for the Purpose of System Assessment - Part 6: Assessment of system operability, 05/06/2016
- 65A/795/FDIS, IEC 61069-7 Ed. 2.0: Industrial-Process Measurement, Control and Automation - Evaluation of System Properties for the Purpose of System Assessment - Part 7: Assessment of system safety, 05/06/2016
- 65A/796/FDIS, IEC 61069-8 Ed. 2.0: Industrial-Process Measurement, Control and Automation - Evaluation of System Properties for the Purpose of System Assessment - Part 8: Assessment of other system properties, 05/06/2016
- 65C/851/FDIS, IEC 61784-3-x Ed 3.0: Industrial communication networks - Profiles - Part 3-x: Functional safety fieldbuses - Additional specifications for CPF x, 05/06/2016
- 68/533/CDV, IEC 60404-1 Ed 3: Magnetic materials - Part 1: Classification, 06/17/2016
- 78/1153/DC, Review of IEC 61477 Ed.2: Live working - Minimum requirements for the utilization of tools, devices and equipment, 05/06/2016
- 78/1154/Q, Review of IEC 61318 Ed.3: Live working - Conformity assessment applicable to tools, devices and equipment, 05/06/2016
- 80/789/CDV, IEC 61097-4 A1 Ed.3: Amendment 1 to IEC 61097-4 Ed.3: Global maritime distress and safety system (GMDSS) - Part 4: Inmarsat-C ship earth station and Inmarsat enhanced group call (EGC) equipment - Operational and performance requirements, methods of testing and required test results, 06/17/2016
- 82/1070/CDV, IEC 61724-1 Ed.1: Photovoltaic system performance - Part 1: Monitoring, 06/17/2016
- 86B/3982/CD, IEC 61300-2-54/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-54: Tests - Corrosive atmosphere (mixed gas), 06/17/2016
- 86B/3983/CD, IEC 61755-6-2/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 6-2: Connection of 50,0µm core diameter multimode physically contacting fibres - Non-angled for reference connector application, at wavelength of 850nm using traditional macrobend attenuation fibre only, 06/17/2016
- 100/2606A/DC, Maintenance of: IEC 61966-12-1:2011 Multimedia systems and equipment - Colour measurement and management - Part 12-1: Metadata for identification of colour gamut, 05/06/2016
- 100/2640/CDV, IEC 62944 Ed. 1.0 Digital Television Accessibility - Functional specifications (TA 16), 06/17/2016
- 105/564/CDV, IEC 62282-3-201 Ed.2: Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems, 06/17/2016
- 107/281/PAS, IEC PAS 62686-2: Process management for avionics - electronic components for aerospace, defence and high performance (ADHP) applications - Part 2: General requirements for passive components, 05/20/2016
- 107/282/NP, IEC TS 62686-2, Process management for avionics - Electronic components for aerospace, defence and high performance (ADHP) Applications - Part 2: General requirements for passive components, 06/17/2016
- 110/756/CD, IEC 62906-5-3 Ed.1: Laser display devices - Part 5-3: Measuring methods of visual quality for laser projector displays, 05/20/2016
- 110/757/NP, Future IEC 62595-2-2 Display lighting unit- Part 2-2: Measuring methods of LED light bars used in LCD BLUs, 05/20/2016
- 110/758/CD, IEC 62906-5-1 Ed.1: Laser display devices - Part 5-1: Measurement of optical performance for laser front projection, 05/20/2016
- 113/313/Q, PWI on Nanomanufacturing - Key control characteristics - Determination of specific surface area of graphene materials using methylene blue adsorption method, 05/06/2016
- CABPUB/123/CD, ISO/IEC CD2 17025: Conformity assessment - General requirements for the competence of testing and calibration laboratories, 05/27/2016



Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

ISO Standards

ACOUSTICS (TC 43)

[ISO 17208-1:2016](#), Underwater acoustics - Quantities and procedures for description and measurement of underwater sound from ships - Part 1: Requirements for precision measurements in deep water used for comparison purposes, \$149.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 9936:2016](#), Animal and vegetable fats and oils - Determination of tocopherol and tocotrienol contents by high-performance liquid chromatography, \$123.00

[ISO 27105:2016](#), Milk and cheese - Determination of hens egg white lysozyme content by high performance liquid chromatography, \$88.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 27875/Amd1:2016](#), Space systems - Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages - Amendment 1, \$22.00

ESSENTIAL OILS (TC 54)

[ISO 3527:2016](#), Essential oil of parsley fruits (*Petroselinum sativum* Hoffm.), \$88.00

[ISO 8896:2016](#), Essential oil of caraway (*Carum carvi* L.), \$88.00

FLOOR COVERINGS (TC 219)

[ISO 4918:2016](#), Resilient, textile and laminate floor coverings - Castor chair test, \$123.00

HEALTH INFORMATICS (TC 215)

[ISO/HL7 16527:2016](#), Health informatics - HL7 Personal Health Record System Functional Model, Release 1 (PHRS FM), \$240.00

IMPLANTS FOR SURGERY (TC 150)

[ISO 7206-4/Amd1:2016](#), Implants for surgery - Partial and total hip joint prostheses - Part 4: Determination of endurance properties and performance of stemmed femoral components - Amendment 1, \$22.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

[ISO 18762:2016](#), Tubes of titanium and titanium alloys - Welded tubes for condensers and heat exchangers - Technical delivery conditions, \$88.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

[ISO 8537:2016](#), Sterile single-use syringes, with or without needle, for insulin, \$173.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 14880-1:2016](#), Optics and photonics - Microlens arrays - Part 1: Vocabulary and general properties, \$149.00

PUMPS (TC 115)

[ISO/ASME 14414/Amd1:2016](#), Pump system energy assessment - Amendment 1, \$22.00

ROAD VEHICLES (TC 22)

[ISO 15500-3/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 3: Check valve - Amendment 1, \$22.00

[ISO 15500-4/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 4: Manual valve - Amendment 1, \$22.00

[ISO 15500-5/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 5: Manual cylinder valve - Amendment 1, \$22.00

[ISO 15500-6/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 6: Automatic valve - Amendment 1, \$22.00

[ISO 15500-9/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 9: Pressure regulator - Amendment 1, \$22.00

[ISO 15500-13/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 13: Pressure relief device (PRD) - Amendment 1, \$22.00

[ISO 15500-14/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 14: Excess flow valve - Amendment 1, \$22.00

[ISO 15500-16/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 16: Rigid fuel line in stainless steel - Amendment 1, \$22.00

[ISO 15500-17/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 17: Flexible fuel line - Amendment 1, \$22.00

[ISO 15500-18/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 18: Filter - Amendment 1, \$22.00

[ISO 15500-19/Amd1:2016](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 19: Fittings - Amendment 1, \$22.00

SOLID MINERAL FUELS (TC 27)

[ISO 7404-1:2016](#), Methods for the petrographic analysis of coals - Part 1: Vocabulary, \$51.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

[ISO 19028:2016](#), Accessible design - Information contents, figuration and display methods of tactile guide maps, \$173.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 18564:2016](#), Machinery for forestry - Noise test code, \$123.00

TRADITIONAL CHINESE MEDICINE (TC 249)

[ISO 18668-1:2016](#), Traditional Chinese medicine - Coding system for Chinese medicines - Part 1: Coding rules for Chinese medicines, \$149.00

ISO Technical Specifications**NANOTECHNOLOGIES (TC 229)**

[ISO/TS 19337:2016](#), Nanotechnologies - Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity, \$88.00

PHOTOGRAPHY (TC 42)

[ISO/TS 20328:2016](#), Imaging materials - Lenticular lens sheet - Measurements and specifications of dimensions, \$88.00

[ISO/TS 19567-1:2016](#), Photography - Digital cameras - Texture reproduction measurements - Part 1: Frequency characteristics measurements using cyclic pattern, \$149.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23008-5/Amd1:2016](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding - Amendment 1: Reference software for format range extensions profiles, \$22.00

[ISO/IEC 14443-1:2016](#), Identification cards - Contactless integrated circuit cards - Proximity cards - Part 1: Physical characteristics, \$88.00

[ISO/IEC 16512-1:2016](#), Information technology - Relayed Multicast Control Protocol (RMCP) - Framework, \$88.00

[ISO/IEC 16512-2:2016](#), Information technology - Relayed multicast protocol: Specification for simplex group applications, \$265.00

[ISO/IEC 30106-1:2016](#), Information technology - Object oriented BioAPI - Part 1: Architecture, \$173.00

[ISO/IEC 30106-2:2016](#), Information technology - Object oriented BioAPI - Part 2: Java implementation, \$240.00

[ISO/IEC 30106-3:2016](#), Information technology - Object oriented BioAPI - Part 3: C# implementation, \$240.00

[ISO/IEC 30134-1:2016](#), Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements, \$88.00

IEC Standards**AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)**

[IEC 60958-SER Ed. 1.0 en:2016](#), Digital audio interface - ALL PARTS, \$868.00

[IEC 60728-11 Ed. 4.0 b:2016](#), Cable networks for television signals, sound signals and interactive services - Part 11: Safety, \$351.00

[IEC 60958-4-1 Ed. 1.0 b:2016](#), Digital audio interface - Part 4-1: Professional applications - Audio content, \$48.00

[IEC 60958-4-2 Ed. 1.0 b:2016](#), Digital audio interface - Part 4-2: Professional applications - Metadata and subcode, \$182.00

[IEC 60958-4-4 Ed. 1.0 b:2016](#), Digital audio interface - Part 4-4: Professional applications - Physical and electrical parameters, \$157.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

[IEC 61196-1-209 Ed. 1.0 en:2016](#), Coaxial communication cables - Part 1-209: Environmental test methods - Thermal cycling, \$48.00

[IEC 61196-1-215 Ed. 1.0 en:2016](#), Coaxial communication cables - Part 1-215: Environmental test methods - High temperature cable ageing, \$48.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 62563-1 Ed. 1.1 b:2016](#), Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods, \$424.00

[IEC 62563-1 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods, \$36.00

ELECTROACOUSTICS (TC 29)

[IEC 61260-2 Ed. 1.0 b:2016](#), Electroacoustics - Octave-band and fractional-octave-band filters - Part 2: Pattern-evaluation tests, \$182.00

[IEC 61260-3 Ed. 1.0 b:2016](#), Electroacoustics - Octave-band and fractional-octave-band filters - Part 3: Periodic tests, \$182.00

EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)

[IEC 62631-3-1 Ed. 1.0 b:2016](#), Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method, \$61.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61987-12 Ed. 1.0 b:2016](#), Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 12: Lists of properties (LOPs) for flow measuring equipment for electronic data exchange, \$182.00

[IEC 61987-13 Ed. 1.0 b:2016](#), Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 13: Lists of properties (LOP) for pressure measuring equipment for electronic data exchange, \$182.00

POWER TRANSFORMERS (TC 14)

[IEC 60076-10 Ed. 2.0 b:2016](#), Power transformers - Part 10: Determination of sound levels, \$339.00

[IEC 60076-10-1 Ed. 2.0 b:2016](#), Power transformers - Part 10-1: Determination of sound levels - Application guide, \$278.00

TERMINOLOGY (TC 1)

[IEC 60050-192 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - International Electrotechnical Vocabulary - Part 192: Dependability, \$12.00

[IEC 60050-351 Amd.1 Ed. 4.0 b:2016](#), Amendment 1 - International Electrotechnical Vocabulary - Part 351: Control technology, \$12.00

[IEC 60050-395 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors, \$12.00

[IEC 60050-482 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - International Electrotechnical Vocabulary - Part 482: Primary and secondary cells and batteries, \$12.00

[IEC 60050-702 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - International Electrotechnical Vocabulary - Chapter 702: Oscillations, signals and related devices, \$12.00

[IEC 60050-904 Amd.2 Ed. 1.0 b:2016](#), Amendment 2 - International Electrotechnical Vocabulary - Part 904: Environmental standardization for electrical and electronic products and systems, \$12.00

IEC Technical Reports

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC/TR 61948-1 Ed. 2.0 en:2016](#), Nuclear medicine instrumentation - Routine tests - Part 1: Gamma radiation counting systems, \$43.00

FIBRE OPTICS (TC 86)

[IEC/TR 61282-9 Ed. 2.0 en:2016](#), Fibre optic communication system design guides - Part 9: Guidance on polarization mode dispersion measurements and theory, \$303.00

POWER ELECTRONICS (TC 22)

[IEC/TR 60919-3 Ed. 2.1 en:2016](#), Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 3: Dynamic conditions, \$363.00

[IEC/TR 60919-3 Amd.1 Ed. 2.0 en:2016](#), Amendment 1 - Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 3: Dynamic conditions, \$20.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily rely on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Brush Manufacturing Association (ABMA)

The reaccreditation of the American Brush Manufacturing Association (ABMA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under the recently revised operating procedures for documenting consensus on ABMA-sponsored American National Standards, effective March 28, 2016. For additional information, please contact: Mr. David Parr, Executive Director, American Brush Manufacturing Association, c/o SilvaCor, Inc., 736 Main Avenue, Suite 7, Durango, CO 81301-5479; phone: 970.799.7940; e-mail: dparr@silvacor.com.

American Water Works Association (AWWA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Water Works Association (AWWA), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on AWWA-sponsored American National Standards, effective March 23, 2016. For additional information, please contact: Mr. Paul Olsen, P.E., Sr. Manager of Standards, American Water Works Association, 6666 W. Quincy Avenue, Denver, CO 80235; phone: 303.347.6178; e-mail: polson@awwa.org.

ASC N42 – Nuclear Instrumentation

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee N42, Nuclear Instrumentation under its recently revised operating procedures for documenting consensus on ASC N42-sponsored American National Standards, effective March 23, 2016. For additional information, please contact the Secretariat of ASC N42: Ms. Sue Vogel, Sr. Manager, IEEE, 445 Hoes Lane, Piscataway, NJ 08855-1331; phone: 732.562.3817; e-mail: s.vogel@ieee.org.

Automotive Lift Institute, Inc. (ALI)

The reaccreditation of the Automotive Lift Institute, Inc. (ALI), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under the recently revised operating procedures for documenting consensus on ALI-sponsored American National Standards, effective March 29, 2016. For additional information, please contact: Ms. Heather Almeida, Administrative Manager, Automotive Lift Institute, Inc., P.O. Box 85, Cortland, NY 13045; phone: 607.756.7775; e-mail: heather@autolift.org.

International Organization for Standardization (ISO)

Establishment of ISO Subcommittee

ISO/TC 83/SC 6 – Martial Arts

ISO/TC 83, Sports and Other Recreational Facilities and Equipment, has created a new ISO Subcommittee on Martial arts (ISO/TC 83/SC 6). The Secretariat has been assigned to Germany (DIN).

ISO/TC 83/SC 6 operates under the following scope:

Development of standards in the field of martial arts within the scope of ISO/TC 83:

Standardization of terms, dimensions, tolerances, functional, operational and performance requirements and safety requirements, as well as their testing, for sports and recreational facilities and equipment (e.g. ropes courses, playgrounds, inflatables, water slides, camping tents, floating leisure articles, sleeping bags, winter sports equipment, ice hockey equipment and facilities). Excluded are amusement rides and amusement devices covered by International Standards within the scope of ISO/TC 254.

Organizations interested in serving as the U.S. TAG Administrator or participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Establishment of ISO Technical Committee

ISO/TC 301 – Energy Management and Energy Saving

A new ISO Technical Committee, ISO/TC 301– Energy management and energy saving, has been formed. The Secretariat has been assigned to United States (ANSI) and China (SAC).

ISO/TC 301 operates under the following scope:

Standardization in the field of energy management and energy saving.

Georgia Tech Energy & Sustainability Services has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Establishment of ISO Project Committees

ISO/PC 302 – Guidelines for Auditing Management Systems

A new ISO Project Committee, ISO/PC 302 – Guidelines for auditing management systems, has been formed. The Secretariat has been assigned to United States (ANSI).

ISO/PC 302 operates under the following scope:

Standardization in the field of guidelines for auditing management

American Society for Quality (ASQ) has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO/PC 303 – Guidelines on Consumer Warranties and Guarantees

A new ISO Project Committee, ISO/PC 303– Guidelines on consumer warranties and guarantees, has been formed. The Secretariat has been assigned to Malaysia (DSM).

ISO/PC 303 operates under the following scope:

The standard is intended for use by producers or sellers of goods and services to offer best practices and requirements for effective warranties when these are provided with goods and services.

Organizations interested in serving as the U.S. TAG Administrator or participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

New Work Item Proposal for a New Field of ISO Technical Activity

Safety Management of Complex Technical Systems

Comment Deadline: April 8, 2016

GOST R, the ISO member body for the Russian Federation, has submitted to ISO a new work item proposal for a new field of ISO technical activity on Safety Management of Complex Technical Systems, with the following scope statement:

Standardization in the field of complex technical systems, such as aerospace systems, including all their constituent elements (operators, manufacturers of industrial products, industrial infrastructures, maintenance and repair organizations, training centers, etc.) throughout the full Life Cycle – definition, classification of threats and risk factors, procedures for determining Safety Efficiency, including predictive risk modeling; recommendations on the practical application of risk management.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 8, 2016.

Meeting Notices

AHRI Standards

Revision of ANSI/AHRI Standard 1230-2010, Performance Rating of Variable Refrigerant Flow Multi-Split Air Conditioning and Heat Pump Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting in Plano, TX, on April 25 from 12 p.m. to 5 p.m. and April 26 from 8:30 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at mohan@ahrinet.org.

Development of AHRI Proposed Standard 1410P, Performance Rating for Commercial Finned Tube Radiation

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on April 6 and April 13, both from 10 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Tae Kwon at tkwon@ahrinet.org.

ASC A10

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on July 12th, 2016 in Washington, DC at the International Brotherhood of Electrical Workers (IBEW) in Washington, DC. Those who have interest in the committee are encouraged to attend. In addition, subgroup meetings of the A10 ASC will be held the day before or after the main meeting. The A10 ASC has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request. If interested, please let us know at TFisher@ASSE.Org.

ASC Z133

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations—Safety Requirements) will take place on Wednesday, April 20, 2016, at The Westin Baltimore Washington—BWI in Linthicum, Maryland. For more information, contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone (+1 217.355.9411, ext. 259) or by e-mailing jhuber@isa-arbor.com.

ANSI-Accredited Group: U.S. TAG to ISO TC 299, Robotics (formerly known as ISO TC 184/ SC2, Robots and Robotic Devices)

What: Meeting #1 of 2016

Day/Date: Tuesday, May 10, 2016

Time: 2:00 – 3:30 PM, EDT

Where: Remote meeting via WebEx

Purpose:

- (1) Conduct administrative business of the U.S. TAG to ISO TC 299;
- (2) Determine preliminary list of U.S. Delegates to the ISO TC 299/ WG 3 meeting in Gothenburg, Sweden, which will occur in June 2016; and
- (3) Agree upon U.S. Comments to an ISO Draft Technical Report (TR) (20218-2) to share with the full WG 3.

For more information, contact: Carole Franklin, at cfranklin@robotics.org.

ANSI-Accredited Group: U.S. TAG to ISO TC 299, Robotics (formerly known as ISO TC 184/ SC2, Robots and Robotic Devices)

What: Meeting #2 of 2016

Day/Date: Wednesday, May 18, 2016

Time: 2:00 – 4:00 PM, EDT

Where: Remote meeting via WebEx

Purpose:

- (1) Determine final list of U.S. Delegates to the Gothenburg, Sweden, meeting of ISO TC 299/ WG3; and
- (2) Agree upon U.S. Comments to an ISO Draft Technical Report (TR) (20218-1) to share with the full WG 3.

For more information, contact: Carole Franklin, at cfranklin@robotics.org

ANSI-Accredited Group: ANSI R15.06, Subcommittee on Industrial Robot Safety

What: Meeting #1 of 2016

Day/Date: Tuesday, May 17, 2016

Time: 9:00 AM – 5:00 PM, EDT

Where: Detroit, MI

Purpose:

- (1) Conduct Administrative business of the subcommittee;
- (2) Discuss updates to existing ANSI-registered U.S. Technical Reports (TRs) referencing the ANSI/RIA R15.06-2012 standard on industrial robot safety; and
- (3) Discuss proposed concepts for drafting new U.S. TRs referencing the ANSI/RIA R15.06-2012 standard.

For more information, contact: Carole Franklin, at cfranklin@robotics.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat ISO/TC 131/SC 9 – *Installations and systems* Comment Deadline: April 22, 2016

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 131/SC 9 – *Installations and systems*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 131/SC 9 to the National Fluid Power Association (NFPA). NFPA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 131/SC 9 operates under the following scope:

Development of standards in the field of Installations and systems within the scope of ISO/TC 131:

Standardization in the field of fluid power systems and components, comprising terminology, construction, principal dimensions, safety requirements and testing and inspection methods.

To include such components as : accumulators, compressed air dryers, conductors (rigid and flexible), cylinders, electro-hydraulic and electro-pneumatic components and systems, fittings, fluidic devices, hose fittings and assemblies, filters and separators, fluids, hydraulic pumps, motors, moving-part fluid- controls, pneumatic lubricators, regulators, quick-action couplings, reservoirs, sealing devices, valves.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 131/SC 9. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 131/SC 9 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by April 25, 2016, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 282 (and Subcommittees) – Water Reuse

ANSI has been informed that the American Society of Plumbing Engineers (ASPE), the ANSI-accredited U.S. TAG Administrator for ISO/TC 282 and Subcommittees, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 282 operates under the following scope:

Standardisation of water re-use of any kind and for any purpose. It covers both centralised and decentralised or on-site water re-uses, direct and indirect ones as well as intentional and unintentional ones. It includes technical, economic, environmental and societal aspects of water re-use. Water re-use comprises a sequence of the stages and operations involved in uptaking, conveyance, processing, storage, distribution, consumption, drainage and other handling of wastewater, including the water re-use in repeated, cascaded and recycled ways. The scope of ISO/PC 253 (Treated wastewater re-use for irrigation) is merged into the proposed new committee.

Excluded:

- *the limit of allowable water quality in water re-use, which should be determined by the governments, WHO and other relevant competent organizations.*
- *all aspects of TC 224 scope (service activities relating to drinking water supply systems and wastewater systems -- Quality criteria of the service and performance indicators)*
- *methods for the measurement of water quality, which are covered by TC 147.*

ISO/TC 282/SC 1 operates under the following scope:

Treated wastewater reuse for Irrigation

ISO/TC 282/SC 2 operates under the following scope:

Standardization in the field of water reuse in urban areas. It addresses wastewater reclamation and reuse in urban areas. It includes guidelines for design and management of water reuse systems taking into consideration safety, reliability and efficiency. It covers both centralized (community-wide) and decentralized (on-site) water reuse systems. The standardization process covers the reclamation, storage and distribution parts of water reuse systems in urban areas.

ISO/TC 282/SC 3 operates under the following scope:

Risk and performance evaluation of water reuse systems

Organizations interested in serving as the U.S. TAG Administrator for any of these committees should contact ANSI's ISO Team (isot@ansi.org).



**BSR/ASHRAE Addendum d to
ANSI/ASHRAE Standard 145.2-2011**

Public Review Draft

**Proposed Addendum d to
Standard 145.2-2011, Laboratory
Test Method for Assessing the
Performance of Gas-Phase Air
Cleaning Systems: Air Cleaning
Devices**

**First Public Review (April 2016)
(Draft shows Proposed Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research-technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 145.2-2011, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices*
First Public Review Draft

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Table 6.1.4.1 sets forth required compounds for testing in certain categories of compounds. Since there are many difficulties in performing this test for formaldehyde, it is recommended that the method no longer require formaldehyde testing. Formaldehyde remains an acceptable compound for testing with recommended concentrations.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 145.2-2011, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices*
First Public Review Draft

Recommended change: table as is is followed by table as proposed.

TABLE 6.1.4.1 Standard Test Challenge Gases

Category / Chemical	CAS #	MW*	Low Conc. (ppb)	High Conc. (ppm)	NIOSH REL TWA (ppm)**	OSHA PEL TWA (ppm)**	High Conc. Rationale ***	Capacity Used****	Required Chemical
Acid Gases									
Sulfur Dioxide	7446-09-5	64.1	50	35	2	5	AA	6%, x 8%, y _b	<input checked="" type="checkbox"/>
Hydrogen chloride	7647-01-0	36.5	75	5	5 (c)	5 (c)	DD	12%, y _b	
Hydrogen sulfide	7783-06-4	34.1	100	25	10 (c)	20 (c)	CC	12%, x 20%, y _b	
NO ₂ ⁺	10102-44-0	46.0	50	30	1 (st)	5 (c)	AA	6%, z 20%, x	
Aldehydes									
Formaldehyde	50-00-0	30.0	100	1	0.016	0.75	EE	3%, x	<input checked="" type="checkbox"/>
Acetaldehyde	75-07-0	44.1	100	15	none	200	AA	10%, x	
Hexanal	66-25-1	100.2	100		none	none			
Basic Gases									
Ammonia	7664-41-7	17.0	100	75	25	50	AA	5%, y _a	<input checked="" type="checkbox"/>
Methylpyrrolidone	872-50-4	99.13	100	5	none	none	AA	15%, xy _a	
Oxidizing Gases									
Ozone	10028-15-6	48.0	75	0.5	0.1 (c)	0.1	BB	none	<input checked="" type="checkbox"/>
VOCs									
Toluene	108-88-3	92.1	400	50	100	200	AA	20%, z	<input checked="" type="checkbox"/>
2-Butanone	78-93-3	72.1	400	65	200	200	AA	20%, z	
Acetone	67-64-1	58.1	400	20	250	1,000	AA	5%, z	
Benzene	71-43-2	78.1	400	60	0.1	1	AA	20%, z	
Cyclohexane	110-82-7	84.2	400	55	300	300	AA	20%, z	
Cyclopentane	287-92-3	70.2	400	50	600	none	AA	15%, z	
Dichloromethane	75-09-2	84.9	400	50	none	25	AA	20%, z	
Ethanol	64-17-5	46.1	400	50	1,000	1,000	AA	10%, z	
Hexane	110-54-3	86.2	400	25	50	500	AA	10%, z	
iso-Butanol	78-83-1	74.1	400	45	50	100	AA	15%, z	
Isopropanol	67-63-0	60.1	400	35	400	400	AA	10%, z	
MEK	78-93-3	72.1	400	30	200	200	AA	10%, z	
Tetrachloroethene	127-18-4	165.8	400	25	none	100	AA	20%, z	
m-Xylene	108-38-3	106.2	400	45	100	100	AA	20%, z	
o-Xylene	95-47-6								
p-Xylene	106-42-3								
Warfare									
DMMP	756-79-6	124.1	75	20	none	none			<input checked="" type="checkbox"/>
Miscellaneous									
Chlorine	7782-50-5	70.9	100	30	0.5 (c)	1 (c)	AA	10%, z 12%, y _b	none
Carbon Monoxide	630-08-0	28.0	100	35	35	50	DD		
Carbon Dioxide	124-38-9	44.0	400	5,000	5,000	5,000	DD		

BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 145.2-2011, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices*
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Acetone	67-64-1	58.1	400	20	250	1,000	AA	5%, z	
Benzene	71-43-2	78.1	400	60	0.1	1	AA	20%, z	
Cyclohexane	110-82-7	84.2	400	55	300	300	AA	20%, z	
Cyclopentane	287-92-3	70.2	400	50	600	none	AA	15%, z	
Dichloromethane	75-09-2	84.9	400	50	none	25	AA	20%, z	
Ethanol	64-17-5	46.1	400	50	1,000	1,000	AA	10%, z	
Hexane	110-54-3	86.2	400	25	50	500	AA	10%, z	
iso-Butanol	78-83-1	74.1	400	45	50	100	AA	15%, z	
Isopropanol	67-63-0	60.1	400	35	400	400	AA	10%, z	
MEK	78-93-3	72.1	400	30	200	200	AA	10%, z	
Tetrachloroethene	127-18-4	165.8	400	25	none	100	AA	20%, z	
m-Xylene	108-38-3	106.2	400	45	100	100	AA	20%, z	
o-Xylene	95-47-6								
p-Xylene	106-42-3								
Warfare									
DMMP	756-79-6	124.1	75	20	none	none			<input checked="" type="checkbox"/>
Miscellaneous									
Chlorine	7782-50-5	70.9	100	30	0.5 (c)	1 (c)	AA	10%, z 12%, y _b	none
Carbon Monoxide	630-08-0	28.0	100	35	35	50	DD		
Carbon Dioxide	124-38-9	44.0	400	5,000	5,000	5,000	DD		

IAPMO/~~ANSI~~BSR Z1001-~~2014~~2016

ANSI PUBLIC REVIEW DRAFT

DRAFT

Prefabricated
Gravity
Grease Interceptors



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IAPMO Plumbing Standards Committee

IAPMO Z1000/Z1001 Technical Subcommittee

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IAPMO/ANSI Z1001-~~2014~~2016

Prefabricated Gravity Grease Interceptors

1 Scope

1.1

This Standard covers prefabricated gravity grease interceptors made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel and specifies requirements for design, materials, performance, testing, and markings.

1.2

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.

1.3

In this Standard,

- (a) “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the standard;
- (b) “should” is used to express a recommendation but not a requirement;
- (c) “may” is used to express an option or something permissible within the scope of the standard; and
- (d) “can” is used to express either a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.

1.4

SI units are the primary units of record in global commerce. In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application but each unit system is to be used independently. Combining values from the two measurement systems can result in non-conformance with this Standard. All references to gallons are to U.S. gallons.

2 Reference Publications

This Standard refers to the following publications, and where such reference is made, it shall be to the current edition of those publications, including all amendments published thereto.

ASME (The American Society of Mechanical Engineers)

ASME B16.5

Pipe Flanges and Flanged Fittings: NPS 1/2 through 24 Metric/Inch Standard

4.4.2

Every compartment of a grease interceptor shall have at least one access opening with a minimum dimension of 500 mm (20 in) inside dimension. When a compartment exceeds 3.65 m (12 ft) in length, (a) a second access opening shall be provided; and (b) the second opening shall be located over the baffle, when applicable.

4.5 Inlets and Outlets

4.5.1

Grease interceptor inlets and outlets shall be able to accommodate NPS-4 or larger pipes.

4.5.2

Inlet and outlet devices shall

~~(a)~~ be open-topped;

~~(b)~~~~(a)~~ extend to within 305 mm (12 in) of the inside floor of the grease interceptor; and

~~(c)~~~~(b)~~ extend at least 120 mm (5 in) above the liquid surface.

4.5.3

Inlet devices shall extend to below the liquid level.

4.5.4

Outlet devices shall extend to within 305 mm (12 in) of the inside floor of the grease interceptor.

4.5.35

Outlet devices shall not be smaller in size than the connecting service pipe.

4.5.46

The invert of the inlet pipe shall be at least 50 mm (2 in) above the invert of the outlet pipe.

4.6 Venting

4.6.1

Partitions, baffles, and inlet and outlet devices shall have a venting area not smaller than the cross-sectional area of the inlet or the outlet, whichever is greater.

4.6.2

There shall be a separation of at least 25 mm (1 in) between the top of the grease interceptor and the top of the vent opening.

4.7 Partitions and Baffles

4.7.1

Partitions and baffles separate compartments and shall extend at least 120 mm (5 in) above the liquid surface.

4.7.2

Flow between compartments shall be through a

(a) horizontal slot having a cross-sectional area of at least two times the area of the inlet device;

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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard for Drinking Water Treatment Chemicals– Health Effects

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7 Miscellaneous treatment applications

7.1 Coverage

This section covers those chemicals, chemical compounds, blends, and mixtures intended for use in a variety of drinking water applications. These uses include fluoridation, defluoridation, algae control, dechlorination, antioxidants, dyes, and tracers. These products are generally applied directly to the water supply. Residuals of chemicals used for fluoridation, algae control, dyes, and tracers are likely to persist in the finished drinking water. Chemicals used for dechlorination, defluoridation, and antioxidation are intended to be consumed by reaction, and residuals of these products are not likely to be found in the finished drinking water.

7.2 Definitions

7.2.1 algicide: A product added to the water in order to control or eliminate the growth of algae.

7.2.2 antioxidant: A product added to the water to retard or prevent the oxidation of other constituents in the water.

7.2.3 dechlorination: The process of removing or reducing the amount of chlorine in the drinking water.

7.2.4 defluoridation: The process of removing or reducing the amount of fluoride in the drinking water.

7.2.5 dyes/tracers: Products that are visually or analytically detectable, and are added to the water for the purpose of modeling water flow or for the detection of leaks and cross-connections, etc.

7.2.6 fluoridation: The process of adding fluoride to drinking water at a beneficial concentration as a means of reducing the incidence of dental caries in the population consuming the water.

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8 Miscellaneous water supply products

8.1 Coverage

This section covers products used in a variety of drinking water supply applications. These products are not routinely used to produce a treatment effect in the water they may contact. The products can be fed continuously, applied intermittently, or flushed from the water supply system prior to its return to use. These products include, but are not limited to, antifoamers, separation process scale inhibitors and cleaners,

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separation process tracers, water well drilling aids, water well rehabilitation aids, well pump lubricating oils, backfill materials for cathodic protection or electrical installations, and distribution system cleaning aids.

8.2 Definitions

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8.2.7 separation process tracers: Chemical products used in reverse osmosis and nano-filtration systems to verify the integrity of the seals, membranes, etc. These products are dosed into the feed water and their absence verified via an analytical method in the permeate water to show that the membrane and seals are intact.

8.2.78 well drilling aids: Products used in drilling and development of wells used as drinking water sources.

8.2.89 well rehabilitation aids: Products used in the rehabilitation and the cleaning of wells used as drinking water sources.

Reason: Added per 2014 DWA-TC JC meeting discussion to include under section 8 separation process tracer chemicals specifically designed to be used with reverse osmosis membranes and nano-filtration systems to verify the integrity of the membrane and do not pass the membrane into the finished water under normal conditions.

BSR/UL 5, Standard for Safety for Surface Metal Raceways and Fittings

PROPOSAL

Revision to Installation Instructions

20.1 The smallest unit shipping container for raceways and raceway fittings (including fan boxes, fixture boxes, device boxes, and transition fittings that are to be added to the raceway system independent of the raceway installation itself) shall be provided with instructions or a statement indicating where to find instructions on the manufacturer's website so that intended installation of the raceway and/or fitting can be accomplished.

Exception: Installation instructions for elbows, tees, inside and outside corners, and other fittings that are included in the initial installation of the raceway system are not required to be provided with these products when they are provided as part of the installation instructions for the overall raceway system.

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BSR/UL 209, Standard for Safety for Cellular Metal Floor Raceways and Fittings

PROPOSAL

Revision to Installation Instructions

19 Installation Accessories and Instructions

19.1 Clear and complete instructions or a statement indicating where to find instructions on the manufacturer's website shall be provided for the installation of a cellular metal floor raceway system and shall include illustrations of all essential features and the relationship of all parts. Special attention shall be given to items that require particular care on the part of contractors or workmen. See 6.4.

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BSR/UL 651, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings

PROPOSALS

1. Exemption of Permanency of Printing Requirements for Schedule 40 and 80 Conduit when Laser Printed

6.16 Permanency of printing - Schedule 40 and 80

6.16.1 Schedule 40 and Schedule 80 Rigid PVC conduit markings shall be permanent. Laser printing is considered to be permanent. Conduit with markings that have been laser printed shall not be subjected to the tests in this section.

2. Editorial Clarification for Paragraph 7.5.3.1 and Removal of Reference to Withdrawn ASTM D648

7.5.3.1 Plaque specimens of material shall be subjected to the tensile strength and elongation test according to the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C. Five samples shall be tested in the as-received condition to benchmark the performance. Five samples shall be tested after 70°C water absorption conditioning according to the Water Exposure and Immersion tests (sections 26 and 58) in UL 746C. Five additional samples of specimens for a joint intended for use outdoors or in wet locations shall be tested following exposure to xenon-arc ultra-violet light and water for 1000 hours according to the Ultraviolet Light Exposure Test (section 57) in UL 746C. After each conditioning, at least 70 percent of the tensile strength and elongation measured in the as-received condition shall be retained. The test specimens shall be in accordance with the requirements specified for "Die C" in ASTM D412, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension, Die "C".

6.8.1.2 The specimens referenced in 6.8.1.1 are to be prepared and the test conducted as indicated in 6.8.2 - 6.8.4. ~~These procedures are similar to those described in the Standard Test Method for Deflection Temperature of Plastics under Flexural Load in the Edgewise Position, ASTM D 648.~~

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BSR/UL 1703, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels

~~10.8 A connector intended for use on the output wiring of a module or panel only shall comply with:~~

- ~~a) the Standard for Component Connectors for Use in Data, Signal, Control and Power Applications, UL 1977,~~
- ~~b) Temperature Cycling Test, Section 35, excluding the Wiring Compartment Securement Test and the following Wet Insulation Resistance Test, and~~
- ~~c) Humidity Test, Section 36, excluding the Wiring Compartment Securement Test and the following Wet Insulation Resistance Test.~~

10.8 A connector intended for use on the output wiring of a module or panel shall comply with the Standard for Connectors for use in Photovoltaic Systems, UL 6703.

47.1 A module or panel shall have a plain, legible, permanent marking that includes:

- a) The manufacturer's name, trademark, or other descriptive marking by which the organization responsible for the product can be identified;
- b) The model number or the equivalent;
- c) The electrical ratings - see 46.1;
- d) The date or other dating period of manufacture not exceeding any three consecutive months; and
- e) If the module is equipped with PV wiring connectors that comply with the Standard for Connectors for Use in Photovoltaic Systems, UL 6703, the specific allowable mating connector manufacturer(s) and model number(s).

Exception No. 1: The manufacturer's identification may be in a traceable code if the product is identified by the brand or trademark owned by a private labeler.

Exception No. 2: The date of manufacture may be abbreviated; or may be in a nationally accepted conventional code or in a code affirmed by the manufacturer, provided that the code:

- a) Does not repeat in less than 10 years; and*
- b) Does not require reference to the production records of the manufacturer to determine when the product was manufactured.*

Exception No. 3: With regards to part (e), if it is deemed impractical to include this information directly on the module product itself, the statement "See module literature for appropriate mating connectors" or equivalent may be used.

48.1.1 The electrical installation instructions shall include a detailed description of the wiring method to be used in accordance with the National Electrical Code, ANSI/NFPA 70. This description shall include:

a) The grounding method to be used, and where a specific grounding device is supplied or suggested, the following statements:

1) "Where common grounding hardware (nuts, bolts, star washers, split-ring lock washers, flat washers and the like) is used to attach a listed grounding/bonding device, the attachment must be made in conformance with the grounding device manufacturer's instructions."

2) PV module manufacturers recommending such a method must either 1) thoroughly detail the attachment means in the module installation instructions or 2) refer the installer to readily available manufacturer's instructions for the grounding/bonding device.

3) "Common hardware items such as nuts, bolts, star washers, lock washers and the like have not been evaluated for electrical conductivity or for use as grounding devices and should be used only for maintaining mechanical connections and holding electrical grounding devices in the proper position for electrical conductivity. Such devices, where supplied with the module and evaluated through the requirements in UL 1703, may be used for grounding connections in accordance with the instructions provided with the module."

b) For modules with a wiring compartment intended for use with field-installed wiring:

1) The size, type, and temperature rating of the conductors to be used,

2) The maximum rating of any overcurrent protection, if required,

3) The minimum and maximum cable diameters when the wiring method is cable, and

4) Any limitations on wiring methods that apply to the wiring compartment or box.

c) Modules equipped with PV wiring connectors that comply with the Standard for Connectors for Use in Photovoltaic Systems, UL 6703, shall have the specific allowable mating connector manufacturer(s) and model number(s) listed, as well as contact information and/or website of the PV connector manufacturer. If a specific module product is available with multiple PV wiring connectors from various manufacturers, then the following shall be included:

1) Means to identify each distinct PV connector manufacturer's product - such as a picture or illustration, unique physical features, markings, company logos, etc, and

2) Allowable mating connector manufacturer and model number(s) listed for each distinct cable connector manufacturer's product(s), as well as contact information and/or website of the PV connector manufacturer.

APPENDIX A

Standards for Components

Standards under which components of the products covered by this standard are evaluated include the following:

Title of Standard - UL Standard Designation

Connectors for Use in Photovoltaic Systems, UL 6703

Fuseholders - Part 1: General Requirements - UL 4248-1

Fuseholders - Part 4: Class CC - UL 4248-4

Fuseholders - Part 5: Class G - UL 4248-5

Fuseholders - Part 6: Class H - UL 4248-6

Fuseholders - Part 8: Class J - UL 4248-8

Fuseholders - Part 9: Class K - UL 4248-9

Fuseholders - Part 12: Class R - UL 4248-12

Fuseholders - Part 15: Class T - UL 4248-15

Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse - UL 4248-11

Insulating Materials - General, Systems of - UL 1446

Marking and Labeling Systems - UL 969

Outlet Boxes, Flush-Device Boxes and Covers, Nonmetallic - UL 514C

Outlet Boxes, Metallic - UL 514A

Plastic Materials for Parts in Devices and Appliances, Tests for Flammability of - UL 94

Polymeric Materials - Fabricated Parts - UL 746D

Polymeric Materials - Long Term Property Evaluations - UL 746B

Polymeric Materials - Short Term Property Evaluations - UL 746A

Polymeric Materials - Use in Electrical Equipment Evaluations - UL 746C

Printed-Wiring Boards - UL 796

Roof Coverings, Standard Test Methods for Fire Tests of - UL 790

Sharpness of Edges on Equipment, Tests for - UL 1439

Terminals, Electrical Quick-Connect - UL 310

Tubing, Extruded Insulating - UL 224

Wire Connectors - UL 486A-486B

Wires and Cables, Thermoset-Insulated - UL 44

Wires and Cables, Thermoplastic-Insulated - UL 83

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BSR/UL 2231-2, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems, UL 2231-2

2. Revision to Requirements Regarding Power Interruption

14.6.2 Compliance with the power output restoration requirement of 14.6 shall not be required for devices ~~that are constructed to conform to Annex A, Ref. No. 28,~~ that do not allow automatic resumption of power. It shall be acceptable for such devices to return to a standby mode that requires a manual action to initiate resumption of power output.

24.1.3 It shall be acceptable for a protective device including a CCID, ground monitor/interrupter or an isolation monitor/interrupter, to interrupt power to the load under any of the following conditions:

- a) Where permitted in the individual test conditions described in 24.2 - 24.10
- b) For the Electrostatic Discharge Immunity Test of 24.3, and the Electrical Fast Transient Immunity Test of 24.6, power to the load may be interrupted once as a result of each exposure. However, except as indicated in (1) and (2) below, the protective device shall automatically restore power output following the exposure.
 - 1) Compliance with the power output restoration requirement of 24.1.3 (b) shall not be required for devices that incorporate a point of sale or user authentication feature. It shall be acceptable for such devices to return to a standby mode that requires a manual action to initiate resumption of the power output.
 - 2) Compliance with the power output restoration requirement of 24.1.3 (b) shall not be required for devices ~~that are constructed to conform to Annex A, Ref. No. 28,~~ and that do not allow automatic resumption of power. It shall be acceptable for such devices to return to a standby mode that requires a manual action to initiate resumption of the power output.

24.7.2 The protective device is permitted to turn OFF during the disturbances specified in 24.7.1 as long as:

- a) This removes the power to the protected unit, and
- b) Except as indicated in (1) and (2) below, the power output is automatically restored when input power is restored to at least 85 percent of rated voltage.
 - 1) Compliance with the power output restoration requirement of 24.7.2 (b) shall not be required for devices that incorporate a point of sale or user authentication feature. It shall be acceptable for such devices to return to a standby mode that requires a manual action to initiate resumption of the power output.
 - 2) Compliance with the power output restoration requirement of 24.7.2 (b) shall not be required for devices ~~that are constructed to conform to Annex A, Ref. No. 28,~~ and

that do not allow automatic resumption of power. It shall be acceptable for such devices to return to a standby mode that requires a manual action to initiate resumption of power output.

A1 Reference Standards

(Table abbreviated for ease of review)

Ref. No.	Clause No.	Canada	Mexico	United States
28	14.6.2 24.1.3 24.7.2	Technical Specifications of Quick Charger for the Electric Vehicle CHAdeMO 1.0.0	Technical Specifications of Quick Charger for the Electric Vehicle CHAdeMO 1.0.0	Technical Specifications of Quick Charger for the Electric Vehicle CHAdeMO 1.0.0

10. Added Requirements for Periodic Testing of CCID Supervisory Test

17 Supervisory Circuit

17.1 A device intended to be used on a grounded system shall be provided with a supervisory circuit that complies with at least one of the following:

- a) Allows for periodic manual, convenient testing of the ability of the device to trip by way of a simulated ground-fault,
- b) Automatically tests the system at least once for each use and at power up, or
- c) Automatically tests the system periodically. The automatic test shall be repeated at least every three hours.

11. Clarification of Requirements in 17.2 Regarding the Weld Monitor Self Test

17.5 The results of the test shall be made known by means of an evident indication. If the device is an EVSE employing an electric vehicle communication signal and the supervisory circuit test conditions of 17.2 are not met, the device shall indicate that charging is not available.