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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: November 1, 2015

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

Addenda

BSR/ASHRAE Addendum e to ANSI/ASHRAE Standard 52.2-2012, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)

The purpose of this addendum is to address the concerns regarding partial, shortcut, or initial testing only that can misstate the MERV performance classification and discredit the validity of the minimum reporting requirements of the standard.

[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>

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

Addenda

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 52.2-2012, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)

ASHRAE 52.2 received a change request stating "The data set and the resulting composite curve are the actual data product of the test method, whereas the MERV classification is merely a shortcut interpretation of the minimum efficiency composite curve. This reinforces this fact and strengthens the committee's position regarding the importance of actual particle size efficiency rather than a nebulous quasi-rating classification." The changes included in the addendum require that the results of the efficiency calculations are required in the test report.

[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>

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

Addenda

BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 52.2-2012, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)

Due to the frequent practice of pre-filtering, filters are often used in 2-stage systems. Thus, Addendum g adds an optional test method to allow standard testing for 2-stage systems.

[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>

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B29.300-201x, Agricultural, Detachable and Pintle Chains, Attachments and Sprocket (revision of ANSI/ASME B29.300-201x)

This Standard includes the several types of chains as below. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC -1 Standard.

AGRICULTURAL CHAINS: This Standard covers chains that are a series of alternately assembled roller links and pin links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings. The pitch of the sidebars is derived from the pitch of B29.6 series chain contained in the B29.300 Standard. Pin link plates and roller link plates have identical contours.

DETACHABLE CHAINS: This Standard covers chains that are a series of successively assembled steel links in which the end bars articulate inside the hook. The chain is detached by flexing it and driving the end bar out of the adjoining hook. Sprockets for use with steel detachable chains covered by this Standard are only those with dimensions controlling the surfaces that must properly engage or clear the chain.

PINTLE CHAINS: This Standard covers chains that are a series of one-piece formed links, connected by pins, that articulate within the barrels of adjacent links. Each link has a barrel end and an open end. The pins are fixed against rotation by mechanical locks or interference fits at the open end of the link. The barrels are open, leaving the pins exposed on one side. Sprocket contact is made against the barrel or against the exposed pin.

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

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

ASPE (American Society of Plumbing Engineers)

Revision

BSR/WQA/ASPE S-803-201x, Sustainable Drinking Water Treatment Systems (revision of ANSI/WQA/ASPE S-803-2014)

This standard applies to products that treat or otherwise produce water for human consumption (e.g., drinking and/or food/beverage preparation) or recreation, but excludes products that treat wastewater. It provides a points-based certification method to be used by third-party organizations to certify such products as sustainable.

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

Send comments (with copy to psa@ansi.org) to: Gretchen Pienta, (847) 296-0002, gpienta@aspe.org

NSF (NSF International)

Revision

BSR/NSF 170-201x (i18r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2014)

Definitions covered by this Standard consist of terminology related to food equipment, including terms describing equipment, materials, design, construction, and performance testing. This Standard includes common definitions of terms used throughout NSF Food Equipment and Sanitation Standards.

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

Send comments (with copy to psa@ansi.org) to: Allan Rose, (734) 827-3817, arose@nsf.org

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 844-201X, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (Proposal dated 10-02-15) (revision of ANSI/UL 844-2012)

Revisions to new proposed paragraph 37.5.

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

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 2225-201X, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (Proposal dated 10-02-15) (revision of ANSI/UL 2225-2013a)

Revisions for 37.3 and 37.4 to limit the risk of confusion over NEC-permitted cable fittings being marked as though they are listed for the location by specifically prohibiting such marking.

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

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

Comment Deadline: November 16, 2015**AAMI (Association for the Advancement of Medical Instrumentation)****New National Adoption**

BSR/AAMI/ISO 5359-201x, Anaesthetic and respiratory equipment - Low-pressure hose assemblies for use with medical gases (identical national adoption of ISO 5359:2014)

Specifies requirements for low-pressure hose assemblies intended for use with the following medical gases: oxygen, nitrous oxide, medical air, helium, carbon dioxide, xenon, specified mixtures of the gases listed above, oxygen-enriched air, air for driving surgical tools, nitrogen for driving surgical tools, and for use with vacuum.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)**New National Adoption**

BSR/AAMI/ISO 5360-201x, Anaesthetic vaporizers - Agent-specific filling systems (identical national adoption of ISO 5360:2012 and revision and redesignation of ANSI/ASTM/ISO 5360-2009)

Specifies requirements, including dimensions, for agent-specific filling systems for agent-specific anaesthetic vaporizers.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)**New National Adoption**

BSR/AAMI/ISO 5367-201x, Anaesthetic and respiratory equipment - Breathing sets and connectors (identical national adoption of ISO 5367)

Specifies basic requirements for breathing sets and breathing tubes intended to be used with anaesthetic breathing systems, ventilator breathing systems, humidifiers or nebulizers. It applies to breathing sets and breathing tubes and patient-end adaptors supplied already assembled and to those supplied as components and assembled in accordance with the manufacturer's instructions. Applicable to breathing sets which include special components (e.g., water traps) between the patient end and machine end, which are supplied already assembled.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)**New National Adoption**

BSR/AAMI/ISO 8836-201x, Suction catheters for use in the respiratory tract (identical national adoption of ISO 8836)

Specifies requirements for suction catheters, including closed suction catheters, made of flexible materials and intended for use in suctioning of the respiratory tract.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)**New National Adoption**

BSR/AAMI/ISO 15002-201x, Flow-metering devices for connection to terminal units of medical gas pipeline systems (identical national adoption of ISO 15002:2008)

This standard is applicable to: flow-metering devices that are connected, either directly or by means of flexible connecting assemblies, and disconnected by the operator at terminal units of a medical gas pipeline system for flow adjustment, measurement, and delivery of medical gases; and flow-metering devices that are connected and disconnected by the operator at gas-specific connection points of devices such as pressure regulators.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 23747-201x, Anaesthetic and respiratory equipment - Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans (identical national adoption of ISO 23747:2007)

Specifies requirements for a peak expiratory flow meter (PEFM) intended for the assessment of pulmonary function in spontaneously breathing humans. Covers all medical devices that measure peak expiratory flowrate in spontaneously breathing humans either as part of an integrated lung function medical device or as a stand-alone medical device.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 26782-201x, Anaesthetic and respiratory equipment - Spirometers intended for the measurement of timed forced expired volumes in humans (identical national adoption of ISO 26782)

Specifies requirements for spirometers intended for the assessment of pulmonary function in humans weighing more than 10 kg. Applies to a spirometer that measure timed forced expired volumes, either as part of an integrated lung function device or as a stand-alone device, irrespective of the measuring method employed.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 80601-2-55-201x, Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (identical national adoption of ISO 80601-2-55)

Specifies particular requirements for the basic safety and essential performance of a respiratory gas monitor (RGM), hereafter referred to as ME equipment, intended for continuous operation for use with a patient. Specifies requirements for anaesthetic gas monitoring, carbon dioxide monitoring, and oxygen monitoring.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 80601-2-61-201x, Medical electrical equipment - Part 2-61: Particular requirements for the basic safety and essential performance of pulse oximeter equipment (identical national adoption of ISO 80601-2-61)

Applies to the basic safety and essential performance of pulse oximeter equipment intended for use on humans, hereafter referred to as ME equipment. This includes any part necessary for normal use, including the pulse oximeter monitor, pulse oximeter probe, and probe cable extender.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

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

AAMVA (American Association of Motor Vehicle Administrators)

Withdrawal

ANSI D20-2009, Traffic Records Systems - Data Dictionary (withdrawal of ANSI D20-2009)

See [http://www.aamva.org/WorkArea/linkit.aspx?](http://www.aamva.org/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=7018&libID=6993)

LinkIdentifier=id&ItemID=7018&libID=6993

Single copy price: Free

Obtain an electronic copy from: <http://www.aamva.org/ANSI-D20-Standard-for-Traffic-Records-Systems/>

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST SGM-SF-201x, Soil Gas Mitigation Standards for Existing Homes (new standard)

This standard specifies practices, minimum requirements, and general guidance for reducing soil gas entry into existing homes in order to mitigate occupant exposures to certain hazardous soil gases including radon gas, chemical vapors, and other hazardous gases. This standard of practice is applicable to residential structures to include: those not more than three stories above-grade in height; those often classified as single-family structures; and those that contain not more than four attached dwelling units on a contiguous foundation. This standard of practice is applicable to existing homes, be they rented or owned, including timeshare properties.

Single copy price: \$TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: standards@aarst.org

Send comments (with copy to psa@ansi.org) to: StandardsAssist@gmail.com

AGMA (American Gear Manufacturers Association)

Reaffirmation

BSR/AGMA 6000-B96 (R201x), Specification for Measurement of Linear Vibration on Gear Units (reaffirmation of ANSI/AGMA 6000-B96 (R2010))

This standard presents a method for the measurement of linear vibrations on a gear unit. Instrumentation, measuring methods, test procedures, and discrete frequency vibration limits are recommended for acceptance testing.

Obtain an electronic copy from: tech@agma.org

Order from: Amir Aboutaleb, (703) 684-0211, tech@agma.org

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

AGMA (American Gear Manufacturers Association)

Reaffirmation

BSR/AGMA 6025-D98 (R201x), Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives (reaffirmation of ANSI/AGMA 6025-D98 (R2010))

This standard describes the instrumentation, measuring methods, and test procedures necessary for the determination of a gear unit's sound pressure levels for acceptance testing. Sound power measurement methods are provided in annexes A, B, and C for use when required by specific contract provisions between the manufacturer and purchaser.

Obtain an electronic copy from: tech@agma.org

Order from: Amir Aboutaleb, (703) 684-0211, tech@agma.org

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

ANS (American Nuclear Society)**New Standard**

BSR/ANS 10.8-201x, Non-Real-Time, High-Integrity Software for the Nuclear Industry (new standard)

This standard establishes the minimum requirements for the acceptance and use of non-real-time, high-integrity software used for design and analysis in the nuclear industry. This standard is directly related to ANSI/ANS-10.7-2013, which provides requirements for the developer of non-real-time, high-integrity software.

Single copy price: \$20.00

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

ASSE (ASC Z359) (American Society of Safety Engineers)**Revision**

BSR/ASSE Z359.1-201X, Requirements for the ANSI/ASSE Z359 Fall Protection Code (revision of ANSI/ASSE Z359.1-2007)

This is a revised scope and title differing from the historic ANSI/ASSE Z359.1 Standard. This standard establishes requirements for the use of program management, system design, qualification and testing, and system-based and component-based product standards within the Z359 Fall Protection Code. This standard also establishes the interdependence of all other standards within the Z359 Fall Protection Code.

Single copy price: \$80.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.Org

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

ASSE (ASC Z490) (American Society of Safety Engineers)**Revision**

BSR/ASSE Z490.1-201X, Criteria for Accepted Practices in Safety, Health, and Environmental Training (revision of ANSI/ASSE Z490.1-2009)

This standard establishes criteria for safety, health, and environmental training programs, including development, delivery, evaluation, and program management.

Single copy price: \$70.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.Org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK51504 ANSI/IEEE/ASTM SI 10, Standard for Metric Practice (new standard)

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2519-2011 (R201x), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2609-2011 (R201x), Test Method for Litter-Cleaning Effectiveness of Vacuum Cleaners (reaffirmation of ANSI/ASTM F2609-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E119-201x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E662-201x, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E699-201x, Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components (revision of ANSI/ASTM E699-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E1537-201x, Test Method for Fire Testing of Upholstered Furniture (revision of ANSI/ASTM E1537-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, 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 E2026-2007)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2061-201x, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E2067-201x, Practice for Full-Scale Oxygen Consumption Calorimetry Fire Tests (revision of ANSI/ASTM E2067-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2226-201x, Practice for Application of Hose Stream (revision of ANSI/ASTM E2226-2015a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2257-201x, Test Method for Room Fire Test of Wall and Ceiling Materials and Assemblies (revision of ANSI/ASTM E2257-2013a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, 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 E2557-2007)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1484-201x, Test Methods for Performance of Steam Cookers (revision of ANSI/ASTM F1484-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM F1604-201x, Specification for Freezers, Ice Cream, Soft Serve, Shake (revision of ANSI/ASTM F1604-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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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: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2608-201x, Test Method for Determining the Change in Room Air Particulate Counts as a Result of the Vacuum Cleaning Process (revision of ANSI/ASTM F2608-2007 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2861-201x, Test Method for Enhanced Performance of Combination Oven in Various Modes (revision of ANSI/ASTM F2861-2014)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)**Withdrawal**

ANSI/ATIS 0500015-2010, Flexible LDF-AMF (Location Determination Function - Access Measurement Function) Protocol (FLAP) Specification (withdrawal of ANSI/ATIS 0500015-2010)

This standard introduces concepts to provide a framework and associated protocol(s) to allow a location determination function to obtain the value of relevant network parameters associated with an end device, and from which the location of that end device may be determined. This standard provides the detailed functional description and protocol specifications for this framework.

Single copy price: \$175.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

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

ICC (International Code Council)**Reaffirmation**

BSR/ICC 300-2012 (R201x), ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands (reaffirmation of ANSI/ICC 300-2012)

The purpose of the effort is the development of appropriate, reasonable, and enforceable model health and safety provisions for new and existing installations of all types of bleachers and bleacher-type seating, including fixed and folding bleachers for indoor, outdoor, temporary, and permanent installations. Such provisions would serve as a model for adoption and use by enforcement agencies at all levels of government in the interest of national uniformity.

Single copy price: \$19.99-26.00

Obtain an electronic copy from: <http://shop.iccsafe.org/standards/icc-300-2012-bleachers-folding-and-telescopic-seating-and-grandstands-2.html>

Order from: <http://shop.iccsafe.org/standards/icc-300-2012-bleachers-folding-and-telescopic-seating-and-grandstands-2.html>

Send comments (with copy to psa@ansi.org) to: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

NACE (NACE International, the Corrosion Society)**New National Adoption**

BSR/NACE MR0175/ISO 15156-201x, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production (identical national adoption of ISO 15156: 2015)

This standard is in three parts, and all three parts describe requirements for materials for use in H2S-containing environments in oil and gas production. The first part describes the general principles for selection of cracking-resistant materials. The second part describes cracking-resistant carbon and low-alloy steels, and the use of cast irons. The third part describes cracking-resistant CRAs (corrosion resistant alloys) and other alloys.

Single copy price: \$180.00

Obtain an electronic copy from: http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=66640

Order from: http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=66640

Send comments (with copy to psa@ansi.org) to: everett.bradshaw@nace.org

SPRI (Single Ply Roofing Institute)**Revision**

BSR/SPRI IA-1-201x, Standard Field Test Procedure for Determining the Uplift Resistance of Insulation and Insulation Adhesive Combinations over Various Substrates (revision of ANSI/SPRI IA-1-2010)

This standard specifies a field-testing procedure to determine the uplift resistance of a specific roof insulation/adhesive combination. This testing procedure encompasses various types of insulation adhesives, substrates, and insulations.

Single copy price: Free

Obtain an electronic copy from: Linda King, info@spri.org

Order from: info@spri.org

Send comments (with copy to psa@ansi.org) to: Linda King, info@spri.org

TAPPI (Technical Association of the Pulp and Paper Industry)

Reaffirmation

BSR/TAPPI T 460 om-2011 (R201x), Air resistance of paper (Gurley method) (reaffirmation of ANSI/TAPPI T 460 om-2011)

This method is used to measure the air resistance of approximately 6.45 sq. cm. (1 sq. in.) circular area of paper using a pressure differential of 1.22 kPa. The recommended range of the liquid column instrument is from 5 to 1800 seconds per 100 mL cylinder displacement. For more impermeable papers, the time requirements become so excessive that other techniques are preferable.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1053-2015 (R201x), Standard for Safety for Ground-Fault Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053-2011a)

Reaffirmation of ANSI approval for UL 1053.

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: Casey Granata, (919) 549-1054, Casey.Granata@UL.Com

Comment Deadline: December 1, 2015

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

New Standard

INCITS 524-201x, Information Technology - AT Attachment 8 - ATA/ATAPI Parallel Transport (ATA8-APT) (new standard)

This standard specifies the mandatory and optional operating features of a parallel bus transport for ATA commands described in the AT Attachment 8 - Command Set (ATA8-ACS) standard. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices. This document specifies the connectors, cables, electrical, and logic parameters for the interconnect between a device and the host, and the transport protocols for transporting commands, data, status, and other relevant communications across a parallel bus interface. This document also describes the mapping of command parameters from ATA8-ACS to registers and interface actions on the parallel transport.

Single copy price: \$60.00

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 921-201x, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2012)

It covers electric dishwashers rated 600 V or less; the gas-handling, burning, and control features of gas-fired dishwashers having inputs of 400,000 Btu (420 MJ) per hour or less, limited to 0.5 psig (3.45 kPa) inlet pressure, for use with natural, manufactured, mixed, propane, liquefied petroleum gases or LP gas-air mixtures. These requirements cover dishwashers intended for use in commercial establishments where they are not intended to be accessible to the public.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

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

INCITS/ISO TR 9007:1987 [2015], Information processing systems - Concepts and terminology for the conceptual schema and the information base (TECHNICAL REPORT) (technical report)

This Technical Report type 3 contains the fundamental concepts and terminology for the conceptual schema, the information base, and the mechanisms involved in manipulating them. The approaches and associated languages described in the appendices A through H are intended to be explanatory only.

Single copy price: \$133.00

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

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

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

INCITS/ISO/IEC TR 15944-6:2009 [2015], Information technology - Business Operational View - Part 6: Technical introduction to e-Business modelling (TECHNICAL REPORT) (technical report)

ISO/IEC TR 15944-6:2009 discusses and describes the following three topics of eBusiness modelling: fundamentals of business transaction modelling that describe the conceptual aspects of eBusiness; principles of eBusiness modelling that specify the semantic aspect of business transactions and their components and relationships involved in the business transaction; classification scheme of Open-edi scenarios based on eBusiness modelling.

Single copy price: \$100.00

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

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

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

INCITS/ISO/IEC TR 20943-1:2003 [2015], Information technology - Procedures for achieving metadata registry (MDR) content consistency - Part 1: Data elements (TECHNICAL REPORT) (technical report)

ISO/IEC TR 20943-1:2003 is limited to the associated items of a data element: the data element identifier, names and definitions in particular contexts, and examples; data element concept; conceptual domain with its value meanings; and value domain with its permissible values.

Single copy price: \$133.00

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

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

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

INCITS/ISO/IEC TR 20943-3:2004 [2015], Information technology - Procedures for achieving metadata registry content consistency - Part 3: Value domains (TECHNICAL REPORT) (technical report)

The purpose of this technical report is to describe a set of procedures for the consistent registration of value domains and their attributes in a registry. This technical report is not a data entry manual, but a user's guide for conceptualizing a value domain and its components for the purpose of consistently establishing good quality metadata. An organization may adapt and/or add to these procedures as necessary.

Single copy price: \$87.00

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

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

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

INCITS/ISO/IEC TR 9789:1994 [2015], Information technology - Guidelines for the organization and representation of data elements for data interchange - Coding methods and principles (TECHNICAL REPORT) (technical report)

This Technical Report provides general guidance on the manner on which data can be expressed by codes. Describes the objectives of coding, the characteristics, advantages, and disadvantages of different coding methods, the features of codes and gives guidelines for the design of codes. Examples of applications are ISO 9735:1988, ISO 8601:1988, and ISO 3166:1993.

Single copy price: \$75.00

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

Send comments (with copy to psa@ansi.org) to: comments@itic.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 WK47207-201x, New Test Method for Synthetic Turf System Infill Sampling in the Field (new standard)

UL (Underwriters Laboratories, Inc.)

BSR UL 9550-201x, Standard for Safety for Marine lifesaving appliances: Lifejackets (new standard)

UL (Underwriters Laboratories, Inc.)

BSR UL 9560-201x, Standard for Safety for Marine lifesaving appliances: Immersion suits (new standard)

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.

ASA (ASC S12) (Acoustical Society of America)

Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747

Contact: Susan Blaeser

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S12.10-201x/Part 1, Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 1: Determination of Sound Power Level and Emission Sound Pressure (revision of ANSI ASA S12.10-2010/Part 1)

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: Tim Fisher

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.1-201X, Requirements for the ANSI/ASSE Z359 Fall Protection Code (revision of ANSI/ASSE Z359.1-2007)

Obtain an electronic copy from: TFisher@ASSE.org

ASSE (ASC Z490) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: Tim Fisher

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z490.1-201X, Criteria for Accepted Practices in Safety, Health, and Environmental Training (revision of ANSI/ASSE Z490.1-2009)

Obtain an electronic copy from: TFisher@ASSE.org

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Eliana Brazda

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 61804-3-201x, 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)

BSR/ISA 61804-4-201x, Functions Blocks (FB) for Process Control and Electric Device Description Language (EDDL) - Part 4: EDD interpretation (identical national adoption of IEC 61804-4:2015)

BSR/ISA 61804-5-201x, 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)

BSR/ISA 62769-1-201x, Field Device Integration (FDI) - Part 1: Overview (identical national adoption of IEC 62769-1)

BSR/ISA 62769-2-201x, Field Device Integration (FDI) - Part 2: FDI Client (identical national adoption of IEC 62769-2:2015)

BSR/ISA 62769-3-201x, Field Device Integration (FDI) - Part 3: FDI Server (identical national adoption of IEC 62769-3:2015)

BSR/ISA 62769-4-201x, Field Device Integration (FDI) - Part 4: FDI Packages (identical national adoption of IEC 62769-4:2015)

BSR/ISA 62769-5-201x, Field Device Integration (FDI) - Part 5: FDI Information Model (identical national adoption of IEC 62769-5:2015)

BSR/ISA 62769-6-201x, Field Device Integration (FDI) - Part 6: FDI Technology Mapping (identical national adoption of IEC 62769-6:2015)

BSR/ISA 62769-7-201x, Field Device Integration (FDI) - Part 7: FDI Communication Devices (identical national adoption of IEC 62769-7:2015)

BSR/ISA 62769-101-1-201x, Field Device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1 (identical national adoption of IEC 62769-101-1:2015)

BSR/ISA 62769-101-2-201x, Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE (identical national adoption of IEC 62769-101-2:2015)

BSR/ISA 62769-103-1-201x, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS (identical national adoption of IEC 62769-103-1:2015)

BSR/ISA 62769-103-4-201x, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET (identical national adoption of IEC 62769-103-4:2015)

BSR/ISA 62769-109-1-201x, Field Device Integration (FDI) - Part 109-1: Profiles - HART and WirelessHART (identical national adoption of IEC 62769-109-1:2015)

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

INCITS 524-201x, Information Technology - AT Attachment 8 - ATA/ATAPI Parallel Transport (ATA8-APT) (new standard)

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Laurence Womack

Phone: (770) 209-7277

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 811 om-201x, Edgewise compressive strength of
corrugated fiberboard (short column test) (revision and redesignation
of ANSI/TAPPI T 811 om-2011)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
Research Triangle Park, NC 27709

Contact: Anne Marie Jacobs

Phone: (919) 549-0954

E-mail: annemarie.jacobs@ul.com

BSR/UL 921-201x, Standard for Safety for Commercial Dishwashers
(revision of ANSI/UL 921-2012)

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

BSR/UL 1053-2015 (R201x), Standard for Safety for Ground-Fault
Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053
-2011a)

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

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210

Contact: Jing Kwok

Phone: (602) 281-4497

E-mail: jing.kwok@vita.com

BSR/VITA 51.2-201x, Physics of Failure Reliability Predictions (revision
of ANSI/VITA 51.2-2011)

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)

Withdrawal

ANSI/AGMA 2015-1-A02 (R2014), Accuracy Classification System - Tangential Measurements for Cylindrical Gears (withdrawal of ANSI/AGMA 2015-1-A02 (R2014)): 9/25/2015

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD5674-2015, Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (national adoption with modifications of ISO 5674:2004): 9/29/2015

Revision

ANSI/ASAE S355.5 MONYEAR-2015, Safety Practices for Agricultural Front-End Loaders (revision and redesignation of ANSI/ASAE S355.4-2010): 9/25/2015

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME PTC 46-2015, Overall Plant Performance (new standard): 9/25/2015

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0600331-2015, Description of Above-Baseline Physical Threats to Telecommunications Links (revision of ANSI/ATIS 0600331-2010): 9/25/2015

AWS (American Welding Society)

Revision

ANSI/AWS D17.3/D17.3M-2015, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2009): 9/25/2015

ECIA (Electronic Components Industry Association)

Revision

ANSI/EIA 364-03D-2015, Altitude Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-03C-2009): 9/25/2015

HI (Hydraulic Institute)

Revision

ANSI/HI 3.1-3.5-2015, Rotary Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 3.1-3.5-2008): 9/25/2015

HIBCC (Health Industry Business Communications Council)

Revision

ANSI/HIBC 2.5-2015, The Health Industry Bar Code Supplier Labeling Standard for Patient Safety and Unique Device Identification (HIBC/SLS/UDI) (revision and redesignation of ANSI/HIBC 2.4-2015): 9/25/2015

IIAR (International Institute of Ammonia Refrigeration)

Revision

ANSI/IIAR 2-2014, Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems (revision, redesignation and consolidation of ANSI/IIAR 2-2008, ANSI/IIAR 2-2012, Addendum B): 9/23/2015

ISA (International Society of Automation)

Reaffirmation

ANSI/ISA 12.10.02 (IEC 61241-0-2006) (R2015), Electrical Apparatus for Use in Zone 20, Zone 21, and Zone 22 Hazardous (Classified) Locations - General Requirements (reaffirmation of ANSI/ISA 12.10.02 (IEC 61241-0-2006) (R2011)): 9/29/2015

ANSI/ISA 61241-1 (12.10.03)-2007 (R2015), Electrical Apparatus for Use in Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Enclosures "tD" (reaffirmation of ANSI/ISA 61241-1 (12.10.03)-2007 (R2011)): 9/29/2015

ANSI/ISA 61241-2 (12.10.06)-2007 (R2015), Electrical Apparatus for Use in Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Pressurization "pD" (reaffirmation of ANSI/ISA 61241-2 (12.10.06)-2007 (R2011)): 9/29/2015

ANSI/ISA 61241-11 (12.10.04)-2007 (R2015), Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Intrinsic Safety "iD" (reaffirmation of ANSI/ISA 61241-11 (12.10.04)-2007 (R2011)): 9/29/2015

ANSI/ISA 61241-18 (12.10.07)-2007 (R2015), Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations - Protection by Intrinsic Safety "mD" (reaffirmation of ANSI/ISA 61241-18 (12.10.07)-2007 (R2011)): 9/29/2015

NSF (NSF International)

Revision

* ANSI/NSF 42-2015 (i85), Drinking Water Treatment Systems - Aesthetic Effects (revision of ANSI/NSF 42-2014): 9/21/2015

PLASA (PLASA North America)

Reaffirmation

ANSI E1.30-4-2010 (R2015), EPI 26. Device Description Language (DDL) Extensions for DMX512 and E1.31 Devices (reaffirmation of ANSI E1.30-4-200x): 9/25/2015

Revision

ANSI E1.37-2-2015, Entertainment Technology - Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 and DNS Configuration Messages (revision of ANSI E1.37-2-2014): 9/25/2015

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 48-1-2015, Test Method for Measuring Shielding Effectiveness of Passive and Active Devices Using a GTEM Cell (revision of ANSI/SCTE 48-1-2007): 9/29/2015

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 21-2015, Standard for Safety for LP-Gas Hose (revision of ANSI/UL 21-2014): 9/29/2015

ANSI/UL 498A-2015, Standard for Safety for Current Taps and Adapters (Proposal dated 09-19-14) (revision of ANSI/UL 498A-2014): 9/28/2015

ANSI/UL 498A-2015a, Standard for Safety for Current Taps and Adapters (Proposal dated 07-24-15) (revision of ANSI/UL 498A-2014): 9/28/2015

ANSI/UL 1897-2015, Standard for Uplift Tests for Roof Covering Systems (revision of ANSI/UL 1897-2004 (R2012)): 9/23/2015

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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Office: 2025 M Street, NW
Suite 800
Washington, DC 20036-3309

Contact: James Converse

Fax: (919) 827-4587

E-mail: jconverse@americanbearings.org; jconverse1@nc.rr.com

BSR/ABMA/ISO 104-201x, Rolling bearings - Thrust bearings - Boundary dimensions, general plan (identical national adoption of and revision of ANSI/ABMA/ISO 104:2014)

Stakeholders: U.S. bearing manufacturers and users.

Project Need: To keep U.S. standard current with latest international standard.

ISO 104:2015 specifies preferred boundary dimensions for single-direction and double-direction thrust bearings with flat back faces. In addition, it gives the minimum bore diameters of housing washers and maximum outside diameters of shaft washers of bearings in dimension series 11, 12, 13, 14, 22, 23, and 24. Guidelines for the extension of this International Standard for single-direction thrust bearings are given in Annex A.

ASA (ASC S12) (Acoustical Society of America)

Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747

Contact: Susan Blaeser

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

- * BSR ASA S12.10-201x/Part 1, Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 1: Determination of Sound Power Level and Emission Sound Pressure (revision of ANSI ASA S12.10-2010/Part 1)

Stakeholders: Information technology and telecommunications industry.

Project Need: The current ANS is a modified adoption of ECMA 74, 10th edition. The intent of this project is to update ANSI/ASA S12.10 by adopting a modified version of ECMA 74 13th edition, June 2015.

Specifies procedures for measuring and reporting the noise emission of information technology and telecommunications equipment. This Standard is considered part of a noise test code for this type of equipment, and is related to basic noise emission standards (ISO 3741, ISO 3744, ISO 3745, and ISO 11201). The basic emission quantity is the A-weighted sound power level which may be used for comparing equipment of the same type but from different manufacturers, or for comparing different equipment.

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 WK51511-201x, New Test Method for Determining Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment as Tested in the Field (new standard)

Stakeholders: Playground Surfacing Systems industry.

Project Need: This specification establishes a test procedure for testing playground surfacing for the impact attenuation of playground surfacing materials installed within the use zone of playground equipment.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK51511.htm>

CSA (CSA Group)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131

Contact: Cathy Rake

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

- * BSR Z21.93-201x, Standard for Excess Flow Valves for Natural and LP Gas up to Pressures of 5 PSIG (same as CSA 6.30) (revision of ANSI Z21.93-2013)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: Revised and new text.

Details test and examination criteria for excess flow valves used after the service meter or second-stage regulator not to exceed 2-inch (51-mm) nominal pipe size or used with natural, manufactured, and mixed gases; liquefied petroleum (LP) gases; and LP gas-air mixtures at pressures not to exceed 5 psig, having a minimum operating pressure of no greater than 5 inches water column and capable of operation within an ambient temperature range of -20°F to 150°F (-29°C to +66°C). Valves shall also be capable of operation at temperatures outside this specified range when so specified by the manufacturer.

ICC (International Code Council)

Office: 4051 West Flossmoor Road
Country Club Hills, IL 60478-5795

Contact: Edward Wirtschoreck

Fax: (708) 799-0320

E-mail: ewirtschoreck@iccsafe.org

BSR/ICC 400-201x, Standard on the Design and Construction of Log Structures (revision of ANSI/ICC 400-2012)

Stakeholders: Design professionals; manufacturers and constructors; and building, fire, and other government officials.

Project Need: To update the standard to be consistent with current industry practices.

The purpose of this effort is to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe and reliable structures constructed of log timbers.

IIAR (International Institute of Ammonia Refrigeration)

Office: 1001 North Fairfax Street
Alexandria, VA 22314

Contact: Tony Lundell

Fax: (703) 312-0065

E-mail: tony_lundell@iiar.org

BSR/IIAR 9-201x, Recognized And Generally Accepted Good Engineering Practices (RAGAGEP) for Closed-Circuit Ammonia Refrigeration Systems (new standard)

Stakeholders: End users, designers, contractors, and manufacturers of closed-circuit ammonia refrigeration systems.

Project Need: End users, designers, and contractors are required to design, install, and operate ammonia refrigeration systems per recognized and generally accepted good engineering practices. When new facilities are constructed, sometimes there are building codes in force that reference standards which have been superseded. Creation and revision of standards also creates a dilemma over which provisions of a new or revised standard are applicable to systems that were constructed according to older codes and standards.

To provide the methodology to evaluate, establish and document the minimum recognized and generally accepted good engineering practices (RAGAEP) applicable to new and existing closed-circuit ammonia refrigeration systems.

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Eliana Brazda

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 61804-3-201x, 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)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies the Electronic Device Description Language (EDDL) technology, which enables the integration of real product details using the tools of the engineering life cycle. This standard specifies EDDL as a generic language for describing the properties of automation system components. EDDL is used to create Electronic Device Description (EDD), for example, concrete devices, common usable profiles or libraries. This EDD is used with appropriate tools to generate an interpretative code to support parameter handling, operation, and monitoring of automation system components such as remote I/Os, controllers, sensors, and programmable controllers.

BSR/ISA 61804-4-201x, Functions Blocks (FB) for Process Control and Electric Device Description Language (EDDL) - Part 4: EDD interpretation (identical national adoption of IEC 61804-4:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies EDD interpretation for EDD applications and EDDs to support EDD interoperability. This document is intended to ensure that field device developers use the EDDL constructs consistently and that the EDD applications have the same interpretations of the EDD. It supplements the EDDL specification to promote EDDL application interoperability and improve EDD portability between EDDL applications.

BSR/ISA 61804-5-201x, Functions Blocks (FB) for Process Control and Electric Device Description Language (EDDL) - Part 5: EDDL Builtin library (identical national adoption of IEC 61804-5:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies the EDDL Builtin library and provides the profiles of the various fieldbuses.

BSR/ISA 62769-1-201x, Field Device Integration (FDI) - Part 1: Overview (identical national adoption of IEC 62769-1)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard describes the concepts and overview of the Field Device Integration (FDI) specifications. The detailed motivation for the creation of this technology is also described.

BSR/ISA 62769-2-201x, Field Device Integration (FDI) - Part 2: FDI Client (identical national adoption of IEC 62769-2:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies the FDI Client and specific architectural components within the overall FDI architecture.

BSR/ISA 62769-3-201x, Field Device Integration (FDI) - Part 3: FDI Server (identical national adoption of IEC 62769-3:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies the FDI Server and specific architectural components within the overall FDI architecture.

BSR/ISA 62769-4-201x, Field Device Integration (FDI) - Part 4: FDI Packages (identical national adoption of IEC 62769-4:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies the FDI Packages and specific architectural components within the overall architecture.

BSR/ISA 62769-5-201x, Field Device Integration (FDI) - Part 5: FDI Information Model (identical national adoption of IEC 62769-5:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard defines the FDI Information Model. One of the main tasks of the Information Model is to reflect the topology of the automation system. Therefore, it represents the devices of the automation system as well as the connecting communication networks including their properties, relationships, and the operations that can be performed on them. The types in the AddressSpace of the FDI Server constitute some kind of catalog, which is built from FDI Packages.

BSR/ISA 62769-6-201x, Field Device Integration (FDI) - Part 6: FDI Technology Mapping (identical national adoption of IEC 62769-6:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies the technology mapping for the concepts described in the Field Device Integration (FDI) standard. The technology mapping focuses on implementation regarding the components FDI Client and User Interface Plug-in (UIP) that are specific only to the workstation platform as defined in ISA 62769-4:2015, Annex E.

BSR/ISA 62769-7-201x, Field Device Integration (FDI) - Part 7: FDI Communication Devices (identical national adoption of IEC 62769-7:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies the elements implementing communication capabilities called Communication Devices (ISA 62769-5).

BSR/ISA 62769-101-1-201x, Field Device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1 (identical national adoption of IEC 62769-101-1:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies an FDI profile of ISA 62769 for IEC 61784-1_CP 1/1 (FOUNDATION™ Fieldbus H1).

BSR/ISA 62769-101-2-201x, Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE (identical national adoption of IEC 62769-101-2:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies the ISA 62769 profile for IEC 61784-1, CP 1/2 (FOUNDATION™ Fieldbus HSE).

BSR/ISA 62769-103-1-201x, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS (identical national adoption of IEC 62769-103-1:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized descriptive language intended for use in industrial automation applications.

This standard specifies an FDI profile of ISA 62769 for IEC 61784-1_CP 3/1 (PROFIBUS DP) and IEC 61784-1_CP3/2 (PROFIBUS PA).

BSR/ISA 62769-103-4-201x, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET (identical national adoption of IEC 62769-103-4:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies an FDI profile of ISA 62769 for IEC 61784-2_CP 3/4, IEC 61784-2_CP3/5 and IEC 61784-2_CP3/6 (PROFINET).

BSR/ISA 62769-109-1-201x, Field Device Integration (FDI) - Part 109-1: Profiles - HART and WirelessHART (identical national adoption of IEC 62769-109-1:2015)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a standardized interface between the device software and the industrial automation systems.

This standard specifies an FDI profile of ISA 62769 for IEC 61784-1_CP 9/1 (HART®) and IEC 61784-1_CP 9/2 (WirelessHART®).

NEMA (National Electrical Manufacturers Association)

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BSR/NEMA EW 6-201X, Guidelines for Precautionary Labeling for Arc-Welding and Cutting Products (new standard)

Stakeholders: Welding/cutting equipment manufacturers, users, safety agencies.

Project Need: Create appropriate labels for welding and cutting hazards.

In arc welding and cutting, as in other jobs, there is a risk of exposure to certain hazards. Manufacturers and suppliers of arc welding and cutting products need to determine these hazards and create appropriate precautionary labels that quickly remind and alert product users of hazards each time the product is used.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341-1318

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BSR/SCTE EMS 025-201x, Cable Facility Classification Definitions and Requirements (new standard)

Stakeholders: Cable Telecommunication industry.

Project Need: Create new standard.

This SCTE standard looks to define classes of critical facilities along with expected performance availability across five classes of structures thus creating a common nomenclature for critical facilities upon publication of this document.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Laurence Womack

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 811 om-201x, Edgewise compressive strength of corrugated fiberboard (short column test) (revision and redesignation of ANSI/TAPPI T 811 om-2011)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products; and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI standard in order to revise if needed to address new technology or correct errors.

This method describes procedures for determining the edgewise compressive strength (ECT), perpendicular to the axis of the flutes, of a short column of single-, double-, or triple-wall corrugated fiberboard.

VITA (VMEbus International Trade Association (VITA))

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E-mail: jing.kwok@vita.com

BSR/VITA 51.2-201x, Physics of Failure Reliability Predictions
(revision of ANSI/VITA 51.2-2011)

Stakeholders: Manufacturers and users of embedded electronic modules.

Project Need: Incorporate physics of failure methodology into reliability prediction for embedded electronic modules.

Establish uniform practices, take advantage of current developments, and clarify reliability prediction expectations using physics of failure methodologies. Revision 2015: Include Arrhenius Equation, Revised Boltzmann's constant usage, other editorial edits.

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)
- NABRC (NAB 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.

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	ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7027 Fax: (269) 429-3852 Web: www.asabe.org	ATIS Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: www.atis.org	IIAR International Institute of Ammonia Refrigeration 1001 North Fairfax Street Alexandria, VA 22314 Phone: (703) 312-4200 Fax: (703) 312-0065 Web: www.iiar.org
AAMVA American Association of Motor Vehicle Administrators 4301 Wilson Boulevard Arlington, VA 22203 Phone: (703) 908 5790 Fax: (703) 522 1553 Web: www.aamva.org	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	AWS American Welding Society 8669 NW 36th Street, Suite 130 Miami, FL 33166 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org	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
AARST American Association of Radon Scientists and Technologists P.O. Box 2109 Fletcher, NC 28732 Phone: (202) 830-1110 Fax: (913) 780-2090 Web: www.aarst.org	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	CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 x88321 Fax: (216) 520-8979 Web: www.csa-america.org	ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street, NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: www.incits.org
ABMA (ASC B3) American Bearing Manufacturers Association 2025 M Street, NW Suite 800 Washington, DC 20036-3309 Phone: (919) 481-2852 Fax: (919) 827-4587 Web: www.americanbearings.org	ASPE American Society of Plumbing Engineers 6400 Shafer Court Suite 350 Rosemont, IL 60018 Phone: (708) 426-5427 Fax: (847) 296-2963 Web: www.aspe.org	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	NACE NACE International, the Corrosion Society 15835 Park Ten Place Houston, TX 77084 Phone: (281) 228-6203 Fax: (281) 228-6387 Web: www.nace.org
AGMA American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314-1587 Phone: (703) 684-0211 Web: www.agma.org	ASSE (Safety) American Society of Safety Engineers 520 N. Northwest Highway Park Ridge, IL 60068 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org	HI Hydraulic Institute 6 Campus Drive, 1st Floor North Parsippany, NJ 07054 Phone: (973) 267-9700 x116 Fax: (973) 267-9055 Web: www.pumps.org	NEMA (Canvass) National Electrical Manufacturers Association 1300 North 17th Street Arlington, VA 22209 Phone: (703) 841-3299 Web: www.nema.org
ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526-5592 Phone: (708) 579-8269 Fax: (708) 579-8248 Web: www.ans.org	ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org	HIBCC Health Industry Business Communications Council 2525 E. Arizona Biltmore Circle Ste. 127 Phoenix, AZ 85016 Phone: (602) 381-1091 Web: www.hibcc.org	NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 827-3817 Fax: (734) 827-7875 Web: www.nsf.org
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	ICC International Code Council 4051 West Flossmoor Road Country Club Hills, IL 60478-5795 Phone: (888) 422-7233 Fax: (708) 799-0320 Web: www.iccsafe.org	PLASA PLASA North America 630 Ninth Avenue Suite 609 New York, NY 10036-3748 Phone: (212) 244-1505 Fax: (212) 244-1502 Web: www.plasa.org	

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SPRI

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TAPPI

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Paper Industry

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Web: www.tappi.org

UL

Underwriters Laboratories, Inc.

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VITA

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Association (VITA)

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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 Charles T. Zegers, General Secretary of the USNC (czegers@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 17520, Space environment (natural and artificial) - Cosmic ray and solar energetic particle penetration inward the magnetosphere - Method of determination of the effective vertical cut-off rigidity - 10/29/2015, \$67.00

ISO/DIS 17851, Space systems - Space environment simulation for material tests - General principles and criteria - 10/23/2015, \$88.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 22514-5, Statistical methods in process management - Capability and performance - Part 5: Process capability estimates and performance for attributive characteristics - 12/28/2015, \$46.00

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO/DIS 10993-4, Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood - 12/28/2015, \$146.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 28927-1/DAmD1, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders - Amendment 1: Cupped wire brushes - 10/25/2015, \$33.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14024/DAmD1, Environmental labels and declarations - Type I environmental labelling - Principles and procedures - Amendment 1 - 10/25/2015, \$62.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7076-3, Fire protection - Foam fire extinguishing systems - Part 3: Medium expansion foam equipment - 10/25/2015, \$58.00

ISO/DIS 7076-4, Fire protection - Foam fire extinguishing systems - Part 4: High expansion foam equipment - 10/25/2015, \$58.00

FLOOR COVERINGS (TC 219)

ISO/DIS 19322, Resilient floor coverings - Specification for Floor coverings based on thermoplastic polymers - 12/28/2015, \$62.00

GLASS IN BUILDING (TC 160)

ISO/DIS 20657, Glass in building - Heat soaked tempered safety glass - 10/25/2015, \$125.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 13655, Graphic technology - Spectral measurement and colorimetric computation for graphic arts images - 12/28/2015, \$119.00

HUMAN RESOURCE MANAGEMENT (TC 260)

ISO/DIS 30409, Human resource management - Workforce planning - 12/27/2015, \$93.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 10418, Petroleum and natural gas industries - Offshore production installations - Basic surface process safety systems - 11/4/2007, \$88.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 20816-1, Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General Guidelines - 10/25/2015, \$102.00

ISO/DIS 21940-11, Mechanical vibration - Rotor balancing - Part 11: Procedures and tolerances for rotors with rigid behaviour - 10/25/2015, \$88.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 20484, Non-destructive testing - Leak testing - Vocabulary - 12/28/2015, \$58.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 20471/DAmD1, High visibility clothing - Test methods and requirements - Amendment 1 - 12/28/2015, \$29.00

PROSTHETICS AND ORTHOTICS (TC 168)

ISO/DIS 29783-3, Prosthetics and orthotics - Vocabulary - Part 3: Pathological gait (excluding prosthetic gait) - 10/25/2015, \$33.00

SOLID BIOFUELS (TC 238)

ISO/DIS 18847, Solid biofuels - Determination of particle density of pellets and briquettes - 10/25/2015, \$58.00

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

ISO/DIS 7176-2, Wheelchairs - Part 2: Determination of dynamic stability of electric wheelchairs - 11/3/2027, \$82.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 16787, Intelligent Transport Systems - Assisted Parking System (APS) - Performance requirements and test procedures - 10/29/2015, \$107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmD5, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 5: New Profiles and Levels for MPEG-4 Audio Descriptor - 12/7/2022, \$71.00

ISO/IEC 23003-3/DAmD3, Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 3: Support of MPEG-D DRC - 10/29/2015, \$46.00

ISO/IEC DIS 19798, Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components - 10/25/2015, \$67.00

ISO/IEC DIS 18370-1, Information technology - Security techniques - Blind digital signatures - Part 1: General - 10/23/2015, \$88.00

ISO/IEC DIS 23000-13, Information technology - Multimedia application format (MPEG-A) - Part 13: Augmented reality application format - 10/29/2015, \$175.00

ISO/IEC DIS 29341-31-1, Information technology - UPnP Device Architecture - Part 31-1: Energy management device control protocol - Energy management service - 10/23/2015, \$93.00

IEC Standards

9/2078/FDIS, IEC 61377 Ed.2: Railway applications - Rolling stock - Combined test methods for traction systems, 11/27/2015

18/1470/CDV, IEC 60092-504: Electrical installations in ships - Part 504: Automation, control and instrumentation, 12/25/2015

45A/1044/CD, IEC 61500 Ed.3: Nuclear power plants - Instrumentation and control systems important to safety - Data communication in systems performing category A functions, 12/25/2015

45A/1045/CD, IEC 62887 Ed.1: Nuclear power plants - Instrumentation systems important to safety - Pressure transmitters: Characteristics and test methods, 12/25/2015

45A/1046/CD, IEC 60709 Ed.3: Nuclear power plants - Instrumentation, control and electrical systems important to safety - Separation, 12/25/2015

47D/869/NP, Future IEC 60191-X Ed.1: Requirement to semiconductor devices packaging materials from the environment point of view: Low Halogen Molding Compound, 12/25/2015

47F/232/FDIS, IEC 62047-1 Ed.2: Semiconductor devices - Micro-electromechanical devices - Part 1: Terms and definitions, 11/27/2015

62D/1277/CD, IEC 60601-2-75: Medical Electrical Equipment - Part 2 -75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment, 11/27/2015

72/1017/FDIS, IEC 60730-1-A1/Ed5: Automatic electrical controls - Part 1: General requirements, 11/27/2015

79/522/CDV, IEC 60839-11-31 Ed.1: Alarm and electronic security systems - Part 11-31: Electronic access control systems - IP interoperability implementation based on Web services - Core specification, 12/25/2015

79/523/CDV, IEC 60839-11-32 Ed.1: Alarm and electronic security systems - Part 11-32: Electronic access control systems - IP interoperability implementation based on Web services - Access control specification, 12/25/2015

82/1036/FDIS, IEC 62446-1 Ed.1: Grid connected photovoltaic (PV) systems - Part 1: Requirements for system documentation, commissioning tests and inspection, 11/27/2015

89/1286/CDV, IEC 60695-1-10/Ed2: Fire hazard testing - Part 1-10: Guidance for assessing the fire hazard of electrotechnical products - General guidelines, 12/25/2015

89/1287/CDV, IEC 60695-1-30/Ed3: Fire hazard testing - Part 1-30: Guidance for assessing the fire hazard of electrotechnical products - Preselection testing process - General guidelines, 12/25/2015

89/1288/CDV, IEC 60695-8-1/Ed3: Fire hazard testing - Part 8-1: Heat release - General guidance, 12/25/2015

91/1303/FDIS, IEC 61189-3-719 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-719: Test methods for interconnection structures (printed boards) - Monitoring of single plated-through hole (PTH) resistance change during temperature cycling, 11/27/2015

91/1304/FDIS, IEC 61189-3-719 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-913: Test method for thermal conductivity of printed circuit boards for high-brightness LEDs, 11/27/2015

91/1307/CD, IEC 61189-5-503 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-503: General test methods for materials and assemblies - Conductive Anodic Filaments (CAF) testing of circuit boards, 11/27/2015

106/349/CD, IEC 62764-1: Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure, 12/25/2015

107/271/FDIS, IEC 62396-1 Ed.2: Process management for avionics - Atmospheric radiation effects - Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment, 11/27/2015

CABPUB/115/CD, ISO/IEC CD 17025: Conformity assessment - General requirements for the competence of testing and calibration laboratories, 11/27/2015



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

AIR QUALITY (TC 146)

[ISO 16258-1:2015](#), Workplace air - Analysis of respirable crystalline silica by X-ray diffraction - Part 1: Direct-on-filter method, \$149.00

[ISO 16258-2:2015](#), Workplace air - Analysis of respirable crystalline silica by X-ray diffraction - Part 2: Method by indirect analysis, \$173.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 16679:2015](#), Space systems - Relative motion analysis elements after LV/SC separation, \$88.00

GAS CYLINDERS (TC 58)

[ISO 14456:2015](#), Gas cylinders - Gas properties and associated classification (FTSC) codes, \$123.00

PLASTICS (TC 61)

[ISO 6721-10:2015](#), Plastics - Determination of dynamic mechanical properties - Part 10: Complex shear viscosity using a parallel-plate oscillatory rheometer, \$149.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 19050:2015](#), Rubber, raw, vulcanised - Determination of metal content by ICP-OES, \$88.00

TYRES, RIMS AND VALVES (TC 31)

[ISO 4000-1:2015](#), Passenger car tyres and rims - Part 1: Tyres (metric series), \$240.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO/TS 18867:2015](#), Microbiology of the food chain - Polymerase chain reaction (PCR) for the detection of food-borne pathogens - Detection of pathogenic *Yersinia enterocolitica* and *Yersinia pseudotuberculosis*, \$173.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19790/Cor1:2015](#), Information technology - Security techniques - Security requirements for cryptographic modules - Corrigendum, FREE

[ISO/IEC 24759/Cor1:2015](#), Information technology - Security techniques - Test requirements for cryptographic modules - Corrigendum, FREE

IEC Standards

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 61992-3 Ed. 2.1 b:2015](#), Railway applications - Fixed installations - DC switchgear - Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches, \$169.00

[IEC 61992-3 Amd.1 Ed. 2.0 b:2015](#), Amendment 1 - Railway applications - Fixed installations - DC switchgear - Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches, \$14.00

[IEC 61992-4 Ed. 1.1 b:2015](#), Railway applications - Fixed installations - DC switchgear - Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing switches, \$200.00

[IEC 61992-4 Amd.1 Ed. 1.0 b:2015](#), Amendment 1 - Railway applications - Fixed installations - DC switchgear - Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing switches, \$14.00

ELECTRIC WELDING (TC 26)

[IEC 60974-6 Ed. 3.0 b:2015](#), Arc welding equipment - Part 6: Limited duty equipment, \$254.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC/IEEE 60079-30-1 Ed. 1.0 en:2015](#), Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements, \$339.00

[IEC/IEEE 60079-30-2 Ed. 1.0 en:2015](#), Explosive atmospheres - Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance, \$339.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-4-44 Ed. 2.1 b:2015](#), Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances, \$424.00

[IEC 60364-4-44 Amd.1 Ed. 2.0 b:2015](#), Amendment 1 - Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances, \$61.00

[IEC 60364-5-53 Ed. 3.2 b:2015](#), Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control, \$484.00

[IEC 60364-5-53 Amd.2 Ed. 3.0 b:2015](#), Amendment 2 - Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control, \$254.00

FUSES (TC 32)

[IEC 60127-7 Ed. 2.0 en:2015](#), Miniature fuses - Part 7: Miniature fuse-links for special applications, \$206.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 62717 Ed. 1.1 b:2015](#), LED modules for general lighting - Performance requirements, \$363.00

[IEC 62717 Amd.1 Ed. 1.0 b:2015](#), Amendment 1 - LED modules for general lighting - Performance requirements, \$20.00

MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

[IEC 62317-5 Ed. 1.0 b:2015](#), Ferrite cores - Dimensions - Part 5: EP-cores and associated parts for use in inductors and transformers, \$61.00

OTHER

[CISPR 16-1-1 Ed. 4.0 en:2015](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, \$436.00

[CISPR 16-1-1 Ed. 4.0 b:2015](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, \$363.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

[IEC 62841-3-10 Ed. 1.0 en:2015](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines, \$206.00

IEC Technical Reports**ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)**

[IEC/TR 60878 Ed. 3.0 b:2015](#), Graphical symbols for electrical equipment in medical practice, \$399.00

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 product/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 ANSI 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.

PINS Notice

ASTM Withdrawal of PINS

ASTM has withdrawn the following PINS from the American National Standards process: WK47207, Test Method For Synthetic Turf System Infill Sampling in the Field. Questions: accreditation@astm.org.

ANSI Accredited Standards Developers

Approval of Accreditation as an ANSI ASD

William Frick & Company

ANSI's Executive Standards Council has approved William Frick & Company, a new ANSI Member in 2014, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on William Frick & Company-sponsored American National Standards, effective September 30, 2015. For additional information, please contact: Mr. Chad Svastisalee, Creative Director, William Frick & Company, 2600 Commerce Drive, Libertyville, IL 60048; phone: 847.918.3700; e-mail: chads@fricknet.com.

Approval of Reaccreditation

Dimensional Metrology Standards Consortium, Inc. (DMSC)

On behalf of ANSI's Executive Standards Council, the reaccreditation of the Dimensional Metrology Standards Consortium, Inc. (DMSC), an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on DMSC-sponsored American National Standards has been approved effective September 25, 2015. For additional information, please contact: Mr. Bailey Squier, Executive Director & General Manager, Dimensional Metrology Standards Consortium, 1350 SW Alsbury Boulevard #514, Burleson, TX 76028-9219; phone: 817.461.1092; e-mail: bsquier@dmis.org.

National Council of State Boards of Nursing (NCSBN)

On behalf of ANSI's Executive Standards Council, the reaccreditation of the National Council of State Boards of Nursing (NCSBN), an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on NCSBN-sponsored American National Standards has been approved effective September 29, 2015. For additional information, please contact: Mr. Greg Pulaski, Director, Performance Measurement & Standards Setting, National Council of State Boards of Nursing, 111 E. Wacker Drive, Suite 2900, Chicago, IL 60601-4277; phone: 312.525.3681; e-mail: gpulaski@ncsbn.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in accordance with ISO/IEC 17065

California Department of Food and Agriculture, Inspection & Compliance

Comment Deadline: November 2, 2015

Ms. Rose Hoff
Agriculture Program Supervisor I
**California Department of Food and Agriculture
Inspection and Compliance**
400 W. Tulare Street, Ste A
Dinuba, CA 93618
Phone: (559) 595-8000
Fax: (559) 595-8015
E-mail: rhoff@cdfa.ca.gov
Web: www.cdfa.ca.gov

On September 9, 2015, CDFA, Inspection & Compliance, Shipping Point Inspection, an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

Produce GAPs Harmonized Standards

- Field Operations and Harvesting
- Post-Harvest Operations

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

CERT ID

Comment Deadline: November 2, 2015

Ms. Rhonda Wellik – CEO

CERT ID

500 N 3rd Street, Suite 204
Fairfield, Iowa 52556
Phone: 641 209 4531
E-mail: rhonda.welik@cert-id.com
Web: www.cert-id.com

On September 9, 2015, CERT ID LC, an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- SQF Code 7.2 Edition, July 2014

- Module 02: SQF System elements
- Module 03: Animal Feed Safety Fundamentals – GMP for Compound Feed Production
- Module 04: Pet food Safety Fundamentals – GMP for Processing of Pet Food Products
- Module 05: Food Safety Fundamentals – GAP for farming of animal products
- Module 06: Food Safety Fundamentals – GAP for farming of fish
- Module 07: Food Safety Fundamentals – GAP for farming of plant products (fruits & vegetables)
- Module 07H: Good Safety Standard – GAP for farming of plant products
- Module 08: Food Safety Fundamentals – GAP for farming of grains and pulses
- Module 09: Food Safety Fundamentals – GMP for pre-processing of animal products
- Module 10: Food Safety Fundamentals – GMP for pre-processing of plant products
- Module 11: Food Safety Fundamentals – GMP for processing of food products
- Module 12: Food Safety Fundamentals – GDP for transport and distribution of food Products
- Module 13: Food Safety Fundamentals – GMP for production of food packaging
- Module 16: Requirements for Multisite Programs Managed by a Central Site

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

exida.com LLC**Comment Deadline: November 2, 2015**

Mr. Steven Close - Senior Safety Engineer
 exida.com LLC
 64 North Main Street
 Sellersville, PA, USA
 Office: +1-215-453-1720 ext. 404
 Cell: +1-267-221-0010

E-mail: SClose@exida.com

Web: www.exida.com

On September 9, 2015, exida.com LLC, an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- Functional Safety Certification (IEC 61508) Program Requirements
- ISASecure Embedded Device Security Assurance (EDSA)

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Liftinstituut B.V.**Comment Deadline: November 2, 2015**

Mr. Vincent Terlingen
 Manager QA Liftinstituut
Liftinstituut B.V.
 Buikslotermeerplein 381
 1025 XE
 Amsterdam, Netherlands
 E-mail: Terlingen.Vincent@Liftinstituut.nl

On September 28 2015, the ANSI accreditation committee granted accreditation in accordance with ISO/IEC 17065 to Liftinstituut B.V for the following scope:

- Accredited Elevator/Escalator Certification Organization (AECO): Elevator systems, subsystems, components, and functions for issuance of Certificates of Conformance and Marks in according to ASME A17.7/CSA B44.7

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

NaturaCert**Comment Deadline: November 2, 2015**

Ms. Paola Arévalo Vargas
 Encargada del Área de Calidad
NaturaCert
 Calle 39 N° 16-39
 Bogotá, Colombia
 Phone: (571) 7434296 – 3203053713
 E-mail: parevalo@naturacert.org
 Web: www.naturacert.org

On September 9, 2015, Fundación Natura Certificación (NaturaCert), an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- Florverde® General Regulations

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Validus Verification Services LLC**Comment Deadline: November 2, 2015**

Ms. Hope Kassube
 Assistant Director of Audits and Assessments
 Validus Verification Services LLC
 10538 Justin Drive,
 Urbandale, IA 50322
 Phone: (515) 278-8002
 Fax: (515) 278-8011
 E-mail: hkassube@validuservices.com
 Web: www.validuservices.com

On September 9, 2015, Validus Verification Services LLC, an ANSI-accredited certification body, was granted Accreditation in accordance with ISO/IEC 17065 for the following scopes:

- SQF Code 7.2 Edition, July 2014
 - Module 02: SQF System elements
 - Module 03: Animal Feed Safety Fundamentals –GMP for Compound Feed Production
 - Module 04: Pet food Safety Fundamentals – GMP for Processing of Pet Food Products
 - Module 05: Food Safety Fundamentals – GAP for farming of animal products
 - Module 09: Food Safety Fundamentals – GMP for pre-processing of animal products
 - Module 11: Food Safety Fundamentals – GMP for processing of food products
 - Module 12: Food Safety Fundamentals – GDP for transport and distribution of food Products
 - Module 13: Food Safety Fundamentals – GMP for production of food packaging
 - Module 16: Requirements for SQF Multi-site Programs Managed by a Central Site

Please send your comments by November 2, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

International Workshop Agreement Proposal and New Work Item Proposal

Sustainable non-sewered sanitation systems

Comment Deadline: October 16, 2015

ANSI, working with the Bill and Melinda Gates Foundation, intends to submit to ISO an International Workshop Agreement Proposal and New Work Item Proposal on the subject of Sustainable non-sewered sanitation systems, with the following scope statement:

The international standard will define criteria to qualify sanitation systems sufficiently especially in terms of safety, functionality, reliability, maintainability, usability, and that the discharge (treated effluent) are compliant with leading practices. The aim of the standard is to ensure safety aspects related to the operation of the sanitation systems in the intended areas of use and that the treated discharged products pose no user, operator health or environment risks. The standard is applicable to individual and community sanitation systems which are self-contained, meet defined discharge requirements, and aim for sustainability regardless of the on-site treatment technology.

Anyone wishing to review either proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on October 16, 2015.

International Electrotechnical Commission (IEC)

Relinquishing a TAG Administration

USNC TAG for IEC/TC 78 – Live working

IEEE intends to relinquish its administration of the USNC TAG for IEC/TC 78

The Institute of Electrical and Electronics Engineers (IEEE) has announced to the USNC Office its intent to relinquish its assignment as TAG Administrator for the USNC Technical Advisory Group for IEC/TC 78 – Live Working. Please be advised that if no organization comes forward as TAG Administrator, then the USNC will have to switch its status from P-Member to Non-Member.

Scope of IEC TC 78:

To prepare International standards for tools, equipment and devices for utilization in Live Working, including their performance requirements, care and maintenance.
Excluded: Work practices and methods for Live Working.

To prepare technical publications related to the utilization of tools, equipment and devices on, and in the vicinity of, live parts of electrical installations and systems.

If any entities are interested in being considered for assignment as TAG Administrator for the USNC TAG for IEC/TC 78, they are invited to contact Tony Zertuche, Senior Manager, International Policy and Deputy General Secretary, USNC/IEC at tzertuche@ansi.org. The USNC Technical Management Committee (TMC) will consider the expressions of interest received and will allocate the assignment as appropriate.

Meeting Notices

AHRI Meetings

Revision of Appendix C-2008, Analytical Procedures, of AHRI Standard 700-2015, Specifications for Refrigerants

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 14 from 10 a.m. to 11 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mikelann Scerbo at mserbo@ahrinet.org.

Revision of AHRI Standards 270-2008, Sound Rating of Outdoor Unitary Equipment, and 300-2008, Sound Rating and Sound Transmission Loss of Packaged Terminal Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 22 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

Revision of AHRI Standards 260 (I-P) and 261 (SI)-2012, Sound Rating of Ducted Air Moving and Conditioning Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 9 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 Danny Abbate at dabbate@ahrinet.org.

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

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 9 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 Anuj Mistry at amistry@ahrinet.org.



**BSR/ASHRAE Addendum e to
ANSI/ASHRAE Standard 52.2-2012**

Public Review Draft

**Proposed Addendum e to
Standard 52.2-2012, Method of
Testing General Ventilation Air
Cleaning Devices for Removal
Efficiency by Particle Size**

**First Public Review (October 2015)
(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 ASHRAE 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 e to ANSI/ASHRAE Standard 52.2-2012, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*
First Public Review Draft

(This foreword is not part of the 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 to ASHRAE or ANSI.)

FOREWORD

The purpose of this addendum request is to address the concerns regarding partial, shortcut, or initial testing only that can misstate the MERV performance classification and discredit the validity of the minimum reporting requirements of the standard.

[Note to Reviewers: This addendum makes proposed changes to the current standard.]

[Insert new Section 12.5]

12.5 The classification term “MERV” shall only be used in the performance report and product labeling if the entire procedure prescribed by the standard has been included.



**BSR/ASHRAE Addendum f to
ANSI/ASHRAE Standard 52.2-2012**

Public Review Draft

**Proposed Addendum f to Standard
52.2-2012, Method of Testing
General Ventilation Air Cleaning
Devices for Removal Efficiency by
Particle Size**

**First Public Review (October 2015)
(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.

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

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 52.2-2012, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*
First Public Review Draft

(This foreword is not part of the 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 to ASHRAE or ANSI.)

FOREWORD

ASHRAE 52.2 received a change request stating “The data set and the resulting composite curve are the actual data product of the test method, whereas the MERV classification is merely a shortcut interpretation of the minimum efficiency composite curve. This reinforces this fact and strengthens the committee’s position regarding the importance of actual particle size efficiency rather than a nebulous quasi-rating classification.” The following changes require that the results of the efficiency calculations are required in the test report.

[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.]

11.3 Inclusion of test data in the summary report is ~~optional~~required. ~~If furnished, it~~The reported data shall consist of all data recorded during the six test runs and shall be formatted similarly to Figure 11-1d.

Test Data for <input type="checkbox"/> Clean Device <input type="checkbox"/> Loading Stage Number _____		
Size Range No.	Geometric Mean of Particle Size Range, μm	Calculated Particle Size Efficiency, percent
1		
2		
3		
4		
5		
6		
7		
8		

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 52.2-2012, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*
First Public Review Draft

9		
10		
11		
12		

Figure 11-1d Test data report form.



**BSR/ASHRAE Addendum g to
ANSI/ASHRAE Standard 52.2-2012**

Public Review Draft

**Proposed Addendum g to
Standard 52.2-2012, Method of
Testing General Ventilation Air
Cleaning Devices for Removal
Efficiency by Particle Size**

**First Public Review (October 2015)
(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 ASHRAE 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

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(This foreword is not part of the 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 to ASHRAE or ANSI.)

FOREWARD

Due to the frequent practice of pre-filtering, filters are often used in 2-stage systems. Since the first filter removes some of the particles from the airstream, the downstream filter sees fewer large particles and a greater percentage of smaller particles. This results in a different performance for the downstream (final) filter than would be expected based on loading with the same dust as the pre-filter. Thus, an optional test method has been developed to allow standard testing for 2-stage systems.

[Note to Reviewers: This addendum makes proposed changes to the current standard.]

[Add Addendum K]

INFORMATIVE APPENDIX K —

OPTIONAL METHOD OF TESTING TWO AIR FILTERS ARRANGED IN SERIES IN A SYSTEM AS TO EVALUATE PARTICLE REMOVAL, DUST LOADING, AND PRESSURE DROP INCREASE THAT MIGHT BE REALIZED IN FIELD APPLICATIONS.

K1. PURPOSE OF OPTIONAL TEST

This appendix is to be used to evaluate the performance of two air-cleaning devices arranged in air flow series. In this appendix the first filter serves as a pre-filter and the second filter serves as the final filter. It is possible where both filters could be the same filter. The test protocol is based on ASHRAE 52.2. Equipment and procedures specified in the 52.2 standard are used to conduct this test.

This procedure is to measure the ability of the pre-filter and final filter to remove dust as the filters become loaded with a standardized loading dust. The loading dust is fed at intervals to simulate accumulation of particles during filter service life. Resistances of the individual filters are monitored separately. The pre-filter is replaced with a new pre-filter whenever the pre-filter's pre-selected final resistance is reached. This process is continued until the pre-selected resistance of the final filter is reached. After the initial particle size efficiency (PSE) test, the resistance of the final filter is used to position the five additional PSE tests.

K2. DEFINITIONS AND ACRONYMS

K2.1 Definitions to be used in addition to those listed in Section 3 of the standard are as follows:

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Dust Holding Capacity Final Filter: (DHCFF) - the total weight of the synthetic loading dust captured by the second in series air-cleaning device over the dust loading steps until the final filter reached its predetermined final resistance.

Dust Holding Capacity Pre Filter #1: (DHCPF1) – the total weight of the synthetic loading dust captured by the first in series air-cleaning device over the dust loading steps until the pre-filter reaches its predetermined final resistance. Each additional Pre-filter nomenclature would be the next incremental numerical digit, i.e., DHCPF2, DHCPF3.

Final Filter: The second filter in the two stage system.

Pre Filter: The first filter in the two stage system.

Total System Dust Holding Capacity: (TDHC) The sum total weight of the synthetic loading of all Pre Filters and the Final Filter.

K3. SUBSECTION TO BE USED WITH SECTION 7.2, PREPARATION OF THE SAMPLES, OF THE STANDARD

K3.1 The Devices shall be installed in the duct with a space between the filters of 8-24 inches.

K3.2 Distance between devices should be documented on test report.

K4. SUBSECTION TO BE USED WITH SECTION 8.2, TEST PROCEDURES, OF THE STANDARD

K4.1 Test Sequence. The sequence of tests on the Two Stage System shall be as follows:

- a. Resistance vs. airflow rate of the Pre Filter at various airflow rates as prescribed in Section 9 of the standard.
- b. Resistance vs. airflow rate of the Final Filter at various airflow rates as prescribed in Section 9 of the standard.
- c. PSE prescribed in Section 10.7.1.2.b. To be replaced with: The Pre Filter after an initial conditioning step with a dust loading of 30 g or an increase of 10 Pa (0.04 in. of water) pressure drop across the Pre Filter, whichever comes first
- d. PSE prescribed in Section 10.7.1.2.c. To be replaced with: After the dust-loading increments have achieved an airflow resistance increase of one-quarter, one-half, and three-quarters of the difference between the beginning and the prescribed end point limit of airflow resistance for the Final Filter.
- e. PSE prescribed in Section 10.7.1.2.d. To be replaced with: After the dust increment that loads the Final Filter to its prescribed end point resistance limit.

K5. SUBSECTION TO BE USED WITH SECTION 9, MEASUREMENT OF RESISTANCE VERSUS AIRFLOW, OF THE STANDARD

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K5.1 Measure and record the resistance of the Pre Filter, the Final Filter, and the system at a minimum of four airflow rates: 50%, 75%, 100%, and 125% of test airflow rate. Resistance shall be measured between the static taps.

K6. SUBSECTION TO BE USED WITH SECTION 10.7.2, DUST LOADING PROCEDURES, OF THE STANDARD

K6.1 When the Pre Filter reaches its prescribed final resistance, it shall be replaced by a clean Pre Filter. Replacement filter shall be the exact same as the one being replaced.

K6.2 Repeat the Pre Filter replacement process until the Final Filter reaches its final resistance.

K6.3 Weigh each Pre Filter to the nearest 0.1 g.

K7. SUBSECTION TO BE USED WITH SECTION 10.8, REPORTING RESULTS OF LOADING TESTS, OF THE STANDARD

K7.1 Results of loading tests shall be reported in the form of PSE curves for the Two Stage System:

- a. clean;
- b. after each incremental dust loading of the final filter, a total of four curves; and
- c. at Final Filters final loading point.

K8. SUBSECTION TO BE USED WITH SECTION 11, REPORTING RESULTS, OF THE STANDARD

K8.1 The summary section of the performance report shall include the following information.

- a. Name and location of the test laboratory
- b. Date of the test
- c. Test operator's name(s)
- d. Brand and model number of the particle counting and sizing device(s)
- e. Air cleaner manufacturer's name (or name of the marketing organization, if different from the manufacturer)
- f. How the sample was obtained
- g. Description of each test air cleaners, including:
 - 1. Brand and model number.
 - 2. Physical description of construction (e.g., extended surface—number of pockets or number of pleats; pleated panel—number and depth of pleats).
 - 3. Face dimensions and depth.
 - 4. For fiber media air cleaners:
 - a. Type and color of media
 - b. Effective media area

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- c. Type and amount of dust adhesive, if known
 - d. Electrostatic charge, if known
- 5. Any other pertinent descriptive attributes.
- h. Operating data as stated by the manufacturer
 - 1. Test conditions for reporting purposes: airflow rate and final resistance.
 - 2. Initial and final resistances for both air cleaners.
 - 3. Any other operating data furnished.
- i. Test data
 - 1. Test air temperature and relative humidity.
 - 2. Airflow rate.
 - 3. Type of test aerosol.
 - 4. Distance between the two filters.
- j. Results of resistance testing
 - 1. Initial resistance of Pre Filter.
 - 2. Initial resistance of Final Filter.
 - 3. Final resistance of System.
- k. Performance curves
 - 1. A curve in Figure 11-1b format of the Pre Filter and Final Filter resistance when clean vs. airflow rates from 50% to 125% of test flow.
 - 2. A curve in Figure 11-1c format of PSE for the clean system and for the system at each of the five loading stages of the final filter.
 - 3. A minimum PSE composite curve in Figure 11-1c format whose data points are the lowest PSEs from the six measurements in each particle size range from the curves of test results for the system.
 - 4. Resistance vs. synthetic loading dust fed during the entire test sequence.
 - 5. Number of times the Pre Filter is changed out.
- l. Average ASHRAE dust arrestance.
- m. Dust holding capacity (DHC)
 - 1. A DHC for each Pre Filter .
 - 2. A DHC for the Final Filter.
 - 3. A DHC for the entire test cycle.

BSR/ASME B29.300-201x

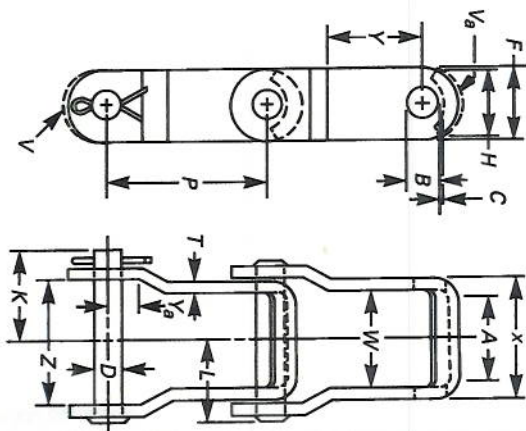
To: B29 Chains, Attachments & Sprockets for Power

Subject: Changes to tables of the approved draft Ballot #15-1386

The changes are as follows;

- Page 30; Table 1 (Standard and Metric), Column 1, Rows 4 & 5. Change “66~~5~~X” and “66~~5~~K” to “66~~7~~X” and “66~~7~~K” respectively.
- Page 31; Table 2, Column 1, Rows 3 & 4. Change “66~~5~~X” and “66~~5~~K” to “66~~7~~X” and “66~~7~~K” respectively.
- Page 32; Table 3, Column 1, Rows 3. Change “66~~5~~X” to “66~~7~~X”

Table 1 Minimum and Maximum Controlling Dimensions for Interchangeable Chain Links



- A = width of barrel for sprocket contact
 B = inside diameter of barrel hole
 C = clearance between barrel hole and barrel
 D = pin diameter
 F = overall chain height
 H = barrel backing height
 K = pin end to center line
 L = riveted end to center line
 P = assembled chain pitch; this is a theoretical reference dimension.
 T = sidebar thickness
 V = sidebar end clearance radius, open end of link
 V_g = sidebar clearance radius (barrel), closed end
 W = inside width of chain, min.
 X = outside width of chain, barrel end
 Y = sidebar and clearance zone, barrel end of link
 Y_g = sidebar end clearance zone, open end of link
 Z = open end dimension for interchangeability

30

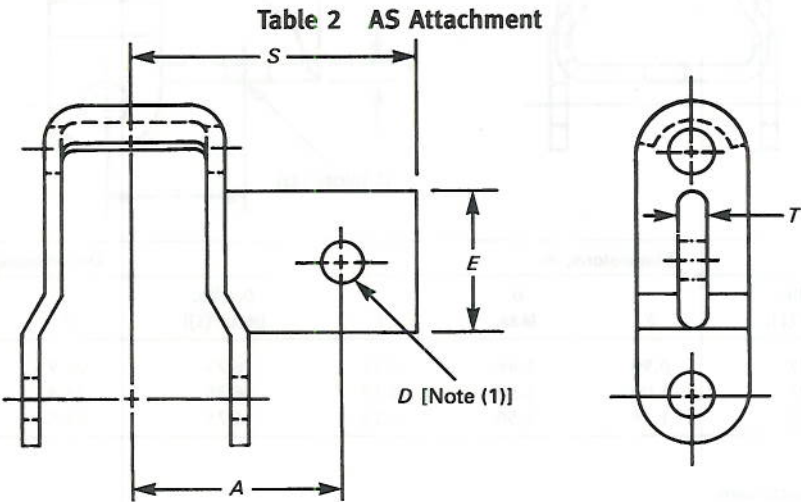
Dimensions, in.

Chain No.	A, Min.	B, Min.	C, Max.	D, Max.	F, Max.	H, Max.	K, Max.	L, Max.	P, Nominal	V, Max.	V _g , Max.	W, Min.	X, Max.	Y, Min.	Y _g , Min.	Z, Min.	Measuring Load, lb	M.U.T.S., lb	No. of Pitches in Standard Measuring Length	Strand Length, in. Min. Max.
205	0.30	0.207	0.010	0.202	0.48	0.41	0.50	0.44	1.250	0.26	0.26	0.37	0.56	0.30	0.28	0.57	100	2800	96	120.00 120.50
662	0.70	0.293	0.018	0.283	0.74	0.71	0.88	0.82	1.664	0.41	0.39	0.90	1.19	0.45	0.41	1.20	100	8500	72	119.81 120.31
667H	0.80	0.323	0.022	0.313	0.89	0.82	1.05	0.91	2.313	0.49	0.48	1.00	1.28	0.53	0.49	1.29	100	9500	52	120.28 120.78
665X	0.80	0.447	0.026	0.437	0.96	0.88	1.17	1.04	2.250	0.53	0.50	1.00	1.42	0.57	0.52	1.43	100	15,000	53	119.25 119.75
665K	0.80	0.447	0.028	0.437	1.08	0.95	1.26	1.12	2.250	0.60	0.56	1.00	1.51	0.64	0.58	1.52	100	20,000	53	119.25 119.75
88K	0.80	0.447	0.028	0.437	1.08	0.95	1.26	1.12	2.609	0.60	0.56	1.00	1.51	0.64	0.58	1.52	100	20,000	46	120.01 120.51
88C	1.00	0.510	0.030	0.500	1.14	0.97	1.561	1.346	2.609	0.60	0.56	1.25	1.78	0.68	0.70	1.77	100	28,500	46	120.01 120.51
308C	1.00	0.635	0.030	0.625	1.51	1.28	1.718	1.53	3.075	0.73	0.66	1.28	1.97	0.83	0.72	1.96	100	37,500	39	119.93 120.43

Dimensions, mm

Chain No.	A, Min.	B, Min.	C, Max.	D, Max.	F, Max.	H, Max.	K, Max.	L, Max.	P, Nominal	V, Max.	V _g , Max.	W, Min.	X, Max.	Y, Min.	Y _g , Min.	Z, Min.	Measuring Load, kN	M.U.T.S., kN	No. of Pitches in Standard Measuring Length	Strand Length, mm Min. Max.
205	7.6	5.28	0.25	5.13	12.2	10.4	12.7	11.1	31.75	6.6	6.6	9.7	14.2	7.6	7.1	14.5	0.45	12.5	96	3048.0 3060.7
662	17.8	7.44	0.46	7.19	18.8	18.0	22.4	20.8	42.47	10.4	9.9	22.9	30.2	11.4	10.4	30.5	0.45	37.8	72	3043.2 3055.9
667H	20.3	8.20	0.56	7.95	22.6	20.8	26.6	23.1	58.75	12.4	12.2	25.4	32.5	13.5	12.4	32.8	0.45	42.3	52	3055.1 3067.8
665X	20.3	11.35	0.66	11.10	24.4	22.3	29.6	26.4	57.15	13.5	12.7	25.4	36.1	14.5	13.2	36.4	0.45	66.7	53	3029.0 3041.7
665K	20.3	11.35	0.71	11.10	27.4	24.1	31.9	28.3	57.15	15.2	14.2	25.4	38.4	16.3	14.7	38.7	0.45	89.0	53	3029.0 3041.7
88K	20.3	11.35	0.71	11.10	27.4	24.1	31.9	28.3	66.27	15.2	14.2	25.4	38.4	16.3	14.7	38.7	0.45	89.0	46	3048.3 3070.0
88C	25.40	12.95	0.76	12.70	28.96	24.64	39.65	34.19	66.27	15.24	14.22	31.75	45.21	17.27	17.78	44.96	0.45	128.25	1168.40	3048.25 3060.95
308C	25.40	16.13	0.76	15.88	38.35	32.51	43.64	38.86	78.11	18.54	16.76	32.51	50.04	21.08	18.29	49.78	0.45	168.75	990.60	3046.22 3058.92

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Chain No.	Dimensions, in.					Dimensions, mm				
	A	D, Min. [Note (1)]	E, Max.	S, Max.	T	A	D, Min. [Note (1)]	E, Max.	S, Max.	T
662	1.38	0.27	0.95	1.91	0.17	35.9	6.75	24.2	48.4	4.3
667H	2.03	0.33	1.17	2.62	0.25	51.6	8.33	29.7	66.6	6.4
665X	2.03	0.33	1.17	2.72	0.31	51.6	8.33	29.7	69.0	7.9
665K	2.03	0.39	1.28	2.84	0.38	51.6	9.92	32.5	72.2	9.5
88K	2.03	0.39	1.28	2.84	0.38	51.6	9.92	32.5	72.2	9.5

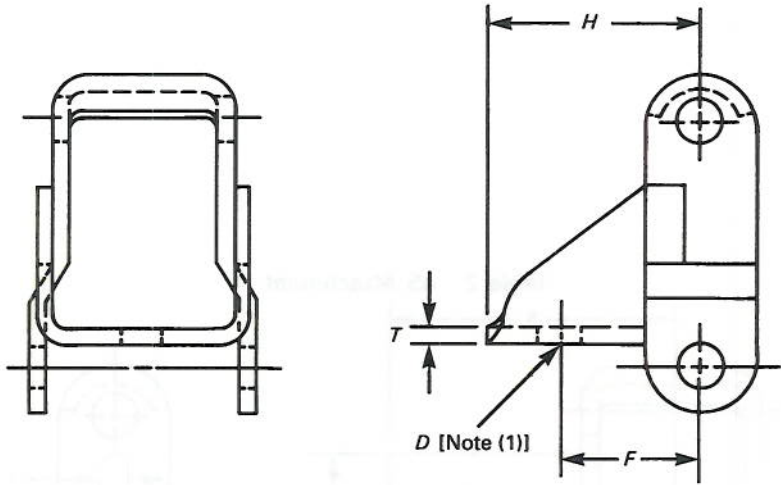
NOTE:

(1) Hole is sized for use with rivets.

667X →
667K →

ASME B29.300-2015 (B29.25)

Table 3 C1 Attachment



Chain No.	Dimensions, in.				Dimensions, mm			
	D , Min. [Note (1)]	F	H , Max.	T	D , Min. [Note (1)]	F	H , Max.	T
662	0.27	0.90	1.46	0.11	6.75	22.9	37.2	2.7
667H	0.27	1.00	1.53	0.19	6.75	25.4	38.9	4.7
665X	0.27	1.16	1.56	0.19	6.75	29.5	39.7	4.7

NOTE:
(1) Hole is sized for use with rivets.

667X →

667X →

WQA/ASPE/ANSI S-803:

Sustainable Drinking Water Treatment Systems

The following substantive changes indicated in strikethrough or underline were approved by the Working Group on September 11, 2015. Only those changes are available for review at this time. The other text is included for context purposes only.

THE STANDARD (NORMATIVE)

1 SCOPE

1.2 Product-Specific Features to be Included through Additional Evaluation under §6: “Product Feature Specific Requirements (Modules¹)”

- 1.2.1 The following product features are to be included within the scope of this standard only at such time as §6 is amended to include a product feature specific module designating the applicable criteria. If a product contains a treatment stage (or other major component) for which there is not yet an appropriate product feature specific module, and which treatment stage or component is not included under the “Standard Core” requirements alone (see §1.1.2.2), then the product may not be evaluated against this standard.
- A. Activated carbon treatment stages
 - B. Electrical components
 - C. Ultraviolet (UV) treatment stage
 - D. Dispensers/Fountains, including those that incorporate coolers, heaters, and/or carbonators, etc.
 - E. Reverse Osmosis (RO) and/or other membrane-based stages that incorporate a waste line
 - F. Ozonation stages
 - G. Distillation stages
 - H. Efficiency of softeners and other self-regenerating ion exchange systems~~Softeners~~
 - I. Filtration stages that incorporate ion exchange media (IEM), or other major media
 - J. Filtration stages that incorporate a back-washing feature
 - K. Electro-chemical Deionization stages
 - L. Anti-scale Treatment stages
 - M. Other non-carbon media stages

2 TERMS AND DEFINITIONS

2.27 Flow Rate

The volume of water that passes through a system ~~in a specified~~ per unit of time ~~period~~. Typically measured in units of gallons or liters per minute (GPM or LPM).

2.38 Ozone Depletion Potential (ODP)

A relative measure of the amount of degradation to the ozone layer that a gas can cause. ODP is the ratio of the impact on ozone of a chemical, compared to the impact of a similar mass of trichlorofluoromethane (CFC-11/R-11). Thus, the ODP of CFC-11 is defined to be 1.0~~A relative measure of the amount of degradation to the ozone layer that a gas can cause, with the ODP of trichlorofluoromethane (R-11 or CFC-11) being fixed at an ODP of 1.0. [http://www.epa.gov/ozone/defns.html]~~

2.41 Pressurized Drinking Water Cooler

A drinking water cooler that is supplied with potable water under pressure, and which includes means for catching wasted water and for conducting such waste to a suitable disposal means.

2.49 Refrigerant

The fluid used for heat transfer in a refrigerating system, which absorbs heat at a low temperature and a low pressure of the fluid and rejects heat at a higher temperature and a higher pressure of the fluid, usually involving changes of state of the fluid (ASHRAE)~~A substance or mixture, usually a fluid, used in a heat pump and refrigeration cycle.~~

2.63 UV Dose (UVD)

The energy of UV spectrum light that is delivered to a given surface area of the target. Usually measured in millijoules per square centimeter (mJ/cm²). ~~It can be~~ is calculated as the product of the UV Intensity and the exposure time in seconds [(mW/cm²) * T_s]

2.67 Water Dispenser

¹ Please note that the usage of the word “module” in this context (and in §6) references subsections of this standard that are product feature specific. It reflects the “modular approach” used to create this standard such that it can be applied to various different product features as well as hybrids. The term as used here does NOT mean “modules” as a reference to the products themselves (as is sometimes common in the water treatment industry - e.g. “water treatment modules”).

Products that are intended by the manufacturer to dispense water for human ingestion or cooking. Applicable to both plumbed-in products and products that use bottles as the water source. Includes **(but is not limited to)**: drinking fountains/bubblers; water dispensers designed for either commercial or residential usage (including those that utilize chillers, heaters and/or carbonators as incorporated features); stand-alone/component heaters and chillers; and residential/countertop beverage dispensers.

5 BONUS ATTRIBUTES, CRITERIA, AND METRICS [20]

5.1 Life Cycle Assessment (LCA) [10]

5.1.3 Environmental Impact Transparency [5]

Points shall only be available for one of the following two criteria, but not both. All Type III Environmental Product Declarations (EPDs) shall be consistent with ISO 14025 and ISO 21930 with at least a cradle to gate scope.

5.1.3.1 The product shall receive five (5) points if it has a product-specific Type III Environmental Product Declaration (EPD).

5.1.3.2 The product shall receive three points (3) points if it has a Type III industry-wide EPD. Where the program operator explicitly recognizes the EPD as fully representative of the product group on a national level, it is considered industry-wide. In a case where an industry-wide EPD represents only a subset of an industry, the product's manufacturer shall be explicitly recognized as a participant in its development.

6 PRODUCT FEATURE SPECIFIC REQUIREMENTS (MODULES)

6.2 Electrical Components [25]

6.2.5 Electrical Component End-of-Life [5]

The product shall receive five (5) points if the manufacturer has a program in place to reuse **or**, recycle, ~~or properly dispose of~~ all electrical components from products recovered through a take-back program (see §4.4.3) at the product's end of life.

6.3 Ultraviolet (UV) Treatment Stages [50]

6.3.1 Scope

The UV Treatment Systems Module applies to products that utilize Ultraviolet (UV) spectrum light waves in the germicidal wavelength range (approximately 200-300 nanometers) to treat water for human consumption (e.g., drinking and/or food preparation) and for recreation **(pools, spas, interactive water features, etc.)**. Systems designed exclusively to treat wastewater are not included in the module scope. Replacement components such as the UV elements themselves are included in module scope.

6.3.3 Use Phase Electricity Consumption/Efficiency [25]

The criteria in §6.3.3.1 shall be applicable only to complete UV Treatment Systems, but not to UV sources being evaluated only as components. For component only evaluations, these points shall not count towards the total points available.

6.3.3.1 Prerequisites: Electricity Consumption/Efficiency Measurement

For the criteria in §6.3.3.1.1, §6.3.3.1.2 and §6.3.3.1.3 below, the manufacturer shall not be allowed to score points under more than one of these sections. However, the choice of which section shall be applied is not dependent on any predefined distinction between "Type A", "Type B", and Type C systems, but is rather left to the party conducting the evaluation to choose which section is a better fit for the characteristics of the product. The available points under all three sections are the same, and only the points in the section chosen shall count towards the total available score for the module and standard as a whole. Activation of any applicable product energy efficiency design features (as in §6.3.3.4 below) shall be allowed to be taken into consideration in the measurement/calculation data specified below.

6.3.3.1.1 Type A System Configurations (generally applicable to Point of Use [POU] Systems):

In cases where there are additional electrical product features such as chillers and/or heaters, the measurements and calculations below shall account for the sum total of all the electrical usage, not just for the UV element.

6.3.3.1.1.1 The manufacturer shall measure and document system electricity consumption (expressed in watts) when the product is in 'standby' mode (i.e. not being actively used to treat or dispense water).

6.3.3.1.1.2 The manufacturer shall calculate an estimate of the monthly energy consumption of the system (in kWh) for a family of four **(including active use as well as standby)**, per usage tables in Appendix E). Product efficiency features (see §6.3.3.4 below) such as timers that turn the system off during periods of expected dormancy (and therefore reduce power levels below that of standby mode) shall be allowed to figure in this calculation.

6.4 Dispensers/Fountains (including Heaters, Coolers and Carbonators)

6.4.1 Scope

6.4.1.2 Excluded Product Types

Mechanical plumbing devices and components and other product types (including, **but not limited to**, the following), are excluded from the scope:

- Coffee Makers

- Faucets;
- Diverters;
- Endpoint control valves;
- Supply stops;
- Residential and commercial ice makers and refrigerator water dispensers; and
- Commercial soda fountains.

6.4.2 Refrigerants: Safety, Ozone Depletion and Global Climate Change [2025]

The criteria in §6.4.2 shall apply only to products that have an incorporated cooling feature.

6.4.2.1 Refrigerant Selection [1518]

6.4.2.1.1 Prerequisite: Ozone Depletion Potential (ODP)

To be eligible for evaluation against this product module, the product shall not contain refrigerants with an Ozone Depletion Potential (ODP) greater than zero. Note: This requirement serves to exclude all Chlorofluorocarbons [CFCs] and Hydrochlorofluorocarbons [HCFCs].²

6.4.2.1.2 Refrigerant Selection Safety Classifications [85]

6.4.2.1.2.1 The product shall receive ~~two~~~~three~~ (32) points if all the refrigerants or refrigerant blends utilized are listed as “neither” under the column for “Highly Toxic or Toxic Under Code Classification” within Table 1 (Refrigerant Data and Safety Classifications) or Table 2 (Data and Safety Classifications for Refrigerant Blends) of the most recent version of ANSI/ASHRAE Standard 34: Designation and Safety Classification of Refrigerants.³

6.4.2.1.2.2 The product shall receive an additional ~~two~~~~three~~ (32) points if all the refrigerants or refrigerant blends utilized are classified as A1, A2 or A3 under Table 1 (Refrigerant Data and Safety Classifications) or Table 2 (Data and Safety Classifications for Refrigerant Blends) of the most recent version of ANSI/ASHRAE Standard 34: Designation and Safety Classification of Refrigerants, or Chapter 29 of the 2013 ASHRAE Handbook.⁴ These classifications indicate lower toxicity indices, whereas B1, B2, and B3 indicates higher toxicity.

6.4.2.1.2.3 The product shall receive ~~one~~~~two~~ (24) points if all the refrigerants or refrigerant blends utilized are classified as A1, A2, B1 or B2 under Table 1 (Refrigerant Data and Safety Classifications) or Table 2 (Data and Safety Classifications for Refrigerant Blends) of the most recent version of ANSI/ASHRAE Standard 34: Designation and Safety Classification of Refrigerants, or Chapter 29 of the 2013 ASHRAE Handbook. These classifications indicate lower flammability indices, whereas A3 and B3 indicate higher flammability.

6.4.2.1.3 Refrigerant Selection for Lower Global Warming Potential [GWP]⁵ [10]

Points may be claimed under only one of the following four criteria in §6.4.2.1.3:

6.4.2.1.3.1 The product shall receive ten (10) points if it does not use refrigerants.

6.4.2.1.3.2 The product shall receive five (5) points if it uses refrigerants, but only those that have a total GWP of less than 50 (Note: Hydrofluorocarbons [HFCs] generally have GWPs > than 50).

6.4.2.1.3.3 The product shall receive three (3) points if it uses refrigerants that have a total GWP greater than or equal to 50, but the manufacturer has developed a plan that has been publicly disseminated with objective targets and timelines, to phase out the use of all refrigerants that have a total Global Warming Potential [GWP] greater than or equal to 50 (Note: Hydrofluorocarbons [HFCs] generally have GWPs greater than 50).

6.4.2.1.3.4 The product shall receive two (2) points if the manufacturer uses refrigerant alternatives listed within the US EPA’s Significant New Alternatives Policy (SNAP) program.⁶

6.4.2.2 Refrigerant Management [2]

6.4.2.2.1 Refrigerant Handling Certification [1]

² For more information on ozone-depleting substances (ODS), please visit the US Environmental Protection Agency’s website listing all ODS substances recognized by the Montreal Protocol: <http://www.epa.gov/ozone/science/ods/index.html>

³ ANSI/ASHRAE Standard 34-2013 describes a shorthand way of naming refrigerants and assigns safety classifications based on toxicity and flammability data: <https://www.ashrae.org/standards-research--technology/standards--guidelines/standards-activities/ashrae-refrigerant-designations>

⁴ <https://www.ashrae.org/resources--publications/bookstore/standards-15--34>

⁵ For more information on the GWPs of various refrigerants, the following references may be helpful:

- Environment Canada: <http://www.ec.gc.ca/Air/default.asp?lang=En&n=4CA440F8-1>
- EPA website - List of GWPs for Ozone Depleting Substances (ODS) Substitutes: <http://www.epa.gov/ozone/geninfo/gwps.html>
- EPA website – ODP and GWP of Some Ozone-Depleting Substances and Alternatives Listed by the SNAP Program: <http://www.epa.gov/ozone/snap/subsgwps.html>
- ASHRAE Handbook, Chapter 29 (<https://www.ashrae.org/resources--publications/handbook>)

⁶ <http://www.epa.gov/ozone/snap/>

The product shall receive one (1) point if all workers responsible for the handling and management of refrigerants (and/or foam blowing agents), throughout the value chain, are certified to an appropriate standard by a recognized certification body.

An example of such a certification is the Technician Certification under Section 608 of the US Environmental Protection Agency (EPA)'s Clean Air Act.⁷

6.4.2.2.2 Refrigerant Leak Testing [1]

The product shall receive one (1) point if the manufacturer has practices in place to test the product for refrigerant leak prior to shipment, and demonstrate based on test results that the maximum annual system leakage rate during operation is 1% or less of full refrigerant charge. Leak test method(s) and compounds must be selected in accordance with relevant jurisdictional regulations.

As examples, acceptable leak test methods and compounds can be found in the following documents:

- Green Seal Standard for Electric Chillers, GS-31, Section 2.1⁸
- Chapter 29 of the 2013 ASHRAE Handbook.⁹
- American Society of Heating, Refrigerating and Air Conditioning Engineers ANSI/ASHRAE Standard 147-2013 Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems.¹⁰

6.4.2.3 End-of-Life Disposition of Refrigerants [53]

6.4.2.3.1 Consumer Education [32]

The product shall receive ~~two~~ ~~three~~ (32) points if the manufacturer provides literature or other guidance instructing the customer on proper disposal of products and components that may be hazardous or harmful to the environment (especially including refrigerants).

6.4.2.3.2 Inclusion of Refrigerants in Manufacturer Take-Back Program [24]

The product shall receive ~~one~~ ~~two~~ (24) points if the manufacturer has a program in place to reuse, recycle, or properly dispose of all refrigerants recovered from products through a take-back program (see §4.4.3) at the product's end of life.¹¹

6.4.3 Foam Blowing Agents: Safety, Ozone Depletion and Global Climate Change [105]

The criteria in §6.4.3 shall apply only to products that incorporate insulation for heated and/or cooled water.

6.4.3.1 Foam Blowing Agent Selection [105]

6.4.3.1.1 Prerequisite: Ozone Depletion Potential (ODP)

See §6.4.2.1.1 and replace the word "refrigerant(s)" with the words "foam blowing agent(s)."

~~6.4.3.1.2 Foam Blowing Agent Safety Classifications [5]~~

~~6.4.3.1.2.1 See §6.4.2.1.2.1 and replace the word "refrigerant(s)" with the words "foam blowing agent(s)."~~

~~6.4.3.1.2.2 See §6.4.2.1.2.2 and replace the word "refrigerant(s)" with the words "foam blowing agent(s)."~~

~~6.4.3.1.2.3 See §6.4.2.1.2.3 and replace the word "refrigerant(s)" with the words "foam blowing agent(s)."~~

6.4.6 Use Phase Electricity Consumption/Efficiency [10]

The criteria under §6.4.6 shall apply only to products that use electricity in the incorporation of a chiller and/or heater.

6.4.6.1 Stand-by Power Consumption [5]

6.4.6.1.1 Prerequisites

6.4.6.1.1.1 The product shall be tested in accordance with the current US EPA's ENERGY STAR® Program Requirements Product Specification for Water Coolers: Test Method.¹²

6.4.6.1.1.2 The results of the testing shall be published in the product literature. It is also recommended that the result be available on the product website.

6.4.6.1.1.3 The results of the testing conducted under §6.4.6.1.1.1, for product types enumerated under §6.4.6.1.1.3.1 shall meet the thresholds defined under §6.4.6.1.1.3.2.

6.4.6.1.1.3.1 Product types required to meet thresholds enumerated under §6.4.6.1.1.3.2:

- A. Bottle type
- B. POU

⁷ <http://www.epa.gov/ozone/title6/608/608fact.html#techcert>

⁸ <http://www.greenseal.org/greenbusiness/standards.aspx?vid=viewstandarddetail&cid=0&sid=18>

⁹ <https://www.ashrae.org/resources--publications/handbook>

¹⁰ http://www.techstreet.com/ashrae/ashrae_standards.html?ashrae_auth_token

¹¹ ASHRAE Position Document on Refrigerants and their Responsible Use, 2012, p.5; and AHAM Responsible Use Practices

¹² [https://www.energystar.gov/products/specs/sites/products/files/Water%20Coolers%20Final%20Test%20Method%20\(Rcv%20May%202013\).pdf](https://www.energystar.gov/products/specs/sites/products/files/Water%20Coolers%20Final%20Test%20Method%20(Rcv%20May%202013).pdf)

- C. On Demand/Thermoelectric
- D. Compact
- E. Compartment
- F. Remote

6.4.6.1.1.3.2 Thresholds:

Cold only, or Cold + Ambient/Cook ≤ 0.16 kWh/day¹³

Hot only, or Hot + Ambient/Cook ≤ 1.0 kWh/day¹⁴

Hot + Cold, or Hot + Cold + Ambient/Cook ≤ 1.2 kWh/day¹⁵

6.4.6.2 Active Use Power Consumption [5]

6.4.6.2.2 The product shall receive one (1) point if the manufacturer ~~makes~~ publishes the results of the assessment under 6.4.6.2.1 ~~publically available, including~~ in the product literature ~~and (if applicable) on the company website.~~

6.4.6.2.3 The product shall receive three (3) points if it meets the following “Minimum Rated Energy Factor” thresholds enumerated in CSA C815-09: Energy Performance of Drinking Water Coolers as applicable:

A. Table 1 (Pressurized Type), or

B. Table 2 (Bottle Type)

Table 1 (Pressurized Type) above is defined to ~~be apply to~~ “Pressurized Drinking Water Coolers” as ~~found~~ specified in the definitions section of this standard. In contrast, free-standing POU product types shall be evaluated against the thresholds enumerated under Table 2 (Bottle Type) despite the fact that they may be connected to the pressurized potable water supply for the building where they are destined to be installed.

¹³ Adapted from ENERGY STAR® Program Requirements Product Specification for Water Coolers: Eligibility Criteria Version 2.0; also found in CSA C815-09 (May 2010); The Hong Kong Voluntary Energy Efficiency Labelling Scheme for Hot/Cold Bottled Water Dispensers (January 2013); and the Australian Energy Efficiency Standards for Boiling and Chilled Water Dispensers.

¹⁴ Adapted from the Australian Energy Efficiency Standards for Boiling and Chilled Water Dispensers.

¹⁵ Adapted From Csa C815-09 (May 2010); Also Found In The Us Energy Policy And Conservation Act; Australian Energy Efficiency Standards For Boiling And Chilled Water Dispensers; The Appliance Energy Efficiency Regulations Of California (2004); And The 2012 Canadian Appliance Efficiency Regulations.

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[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and **gray** highlights to indicate the proposed revised text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot. Rationale Statements are in **RED** and only used to add clarity; these statements will NOT be in the finished publication]

NSF International Standard for Food Equipment –

Glossary of food equipment terminology

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3 Definitions

3.164.4.2 display freezer: A refrigerator designed to display frozen foods.

3.164.4.3 display refrigerator with automatic lockout: A closed self-service display refrigerator that is equipped with an automatic locking system designed to lock the doors when proper operating conditions are not maintained.

3.164.4.34 open display refrigerator: A display refrigerator in which the refrigerated space is isolated from the ambient environment by an air curtain or other means, and the food is able to be removed without opening doors or moving panels. This term may apply to Type I or Type II display refrigerators.

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Note: subsequent definitions alphabetically positioned after “Display Refrigerator with Automatic Lockout” will have their respective reference numbers increased by “1”. The presented example above is the term “open display refrigerator” changing from 3.164.4.3 to 3.164.4.4.

BSR/UL 844, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations

1. Revisions to new proposed paragraph 37.5

PROPOSAL

37.5 Prior to the test of SA5.3, diffusers, globes, refractors, lenses and similar optics that are made from polymeric material shall be permitted to be subjected to short term-aging using the formula found in SA5.3 when all of the following applies:

- a) The polymeric material which forms the optic portion shall conform must be a UL recognized material with the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B with an established RTI value, and used within this rating;
- b) The polymeric material which forms the optic portion forms a part of a gasketed metal to polymeric joint;
- c) The joint is not intended to be a serviceable joint;
- d) Air temperature is conducted measuring the lens internal service temperature, in addition to all gasket internal service temperatures; and
- e) The maximum internal service temperature is used in the aging formula in SA5.3.

BSR/UL 2225, Standard for Safety for Cables and Cable-Fittings for Use *in Hazardous (Classified) Locations*

1. Revisions for 37.3 and 37.4 to limit the risk of confusion over NEC permitted cable fittings being marked as though they are listed for the location by specifically prohibiting such marking

PROPOSAL

37.3 AEx marking for explosive gas atmospheres shall be marked with the following:

- a) Class I;
- b) The applicable Zone marking - i.e. Zone 0, Zone 1, or Zone 2;
- c) The symbol AEx;
- d) The symbol for each type of protection used:
 - 1) "d": flameproof;
 - 2) "e": increased safety;
- e) The symbol of the group:
 - 1) IIA, IIB or IIC for electrical equipment for places with an explosive gas atmosphere other than mines susceptible to firedamp.
 - 2) When the electrical equipment is for use only in a particular gas, the chemical formula or the name of the gas in parentheses.
 - 3) When the electrical equipment is for use in a particular gas in addition to being suitable for use in a specific group of electrical equipment, the chemical formula shall follow the group and be separated with the symbol "+", for example, "IIB + H₂".

The markings a) to e) shall be placed in the order in which they are given and shall each be separated by a small space.

To avoid the risk of explosion due to confusion with explosionproof cord and cable fittings marked "Class I, Division 2" in accordance with 37.3, cord or cable fittings complying only with the requirements for flameproof "d" or increased safety "e" cable fittings shall not be additionally marked "Class I, Division 2".

NOTE In accordance with NEC Article 501, cable sealing fittings marked "d" or "e" are permitted to be used for the connection of general purpose assemblies acceptable for Class I, Division 2 locations.

37.4 AEx marking for explosive dust atmospheres are marked with the following:

- a) The applicable Zone marking - i.e. Zone 20, Zone 21, or Zone 22;

- b) The symbol AEx;
- c) The symbol for each type of protection used:
 - 1) “ta”, “tb”, “tc”, or “tD”: dust ignition protection by enclosure.

To avoid the risk of explosion due to confusion with explosionproof cord and cable fittings marked “Class I, Division 2” in accordance with 37.3, cord or cable fittings complying only with the requirements for protection by enclosure “ta”, “tb”, “tc” or “tD” cable fittings shall not be additionally marked Class I, Division 2 or Class II, Division 2.

NOTE Where acceptable per NEC Section 502.6, cable fittings for Zone 21 or Zone 22 locations are permitted to be installed in Class II, Division 2 locations.

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