ANSI STANDARDS ACTION

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## Contents



# 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



**ISSN 0038-9633**

# Comment Deadline: March 22, 2015

## ASME (American Society of Mechanical Engineers)

***Revision***

BSR/ASME A17.3-201x, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-2011)

This Code is intended to serve as the basis for state and local jurisdictional authorities in adopting retroactive requirements for existing elevators and escalators to enhance the safety of the general public. It is also intended as a standard reference of safety requirements or the guidance of architects, engineers, insurance companies, manufacturers, and contractors, and as a standard of safety practices for building owners and managers of structures where existing elevator equipment covered in the scope of the Code is used.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Matthew Gerson, (212) 591 -7179, gersonm@asme.org

## BPI (Building Performance Institute)

***New Standard***

BSR/BPI-1200-S-201x, Standard Practice for Basic Analysis of Buildings (new standard)

Defines the minimum criteria and procedures for conducting building science-based residential energy audits and related diagnostic tests existing detached single-family dwellings and townhouses that meet certain criteria. The energy audit and related diagnostic tests will address energy usage; limited aspects of building durability/occupant health and safety; will provide a comprehensive report with a list of prioritized recommendations to improve the home and will include a cost benefit analysis.1.4 This standard parallels ANSI/BPI-1100-T-2014 Home Energy Auditing Standard and provides specific procedures to meet the requirements detailed in ANSI/BPI-1100.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Susan Carson, (877) 274 -1274, standards@bpi.org

## GISC (ASC Z97) (Glazing Industry Secretariat Committee)

***Revision***

BSR Z97.1-201x, Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2009)

This standard establishes the specifciations and methods of test for the safety properties of safety glazing materials (glazing materials designed to promote safety and reduce the likelihood of cutting and piercing injuries when the glazing materials are broken by human contact) as used for all building and architectural purposes.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Julia Schimmelpenningh, (413) 730-3413, jcschi@eastman.com

## NSF (NSF International)

***New Standard***

BSR/NSF 385-201x (i1r3), NSF Standard for Wastewater Technology - Disinfection Mechanics (new standard)

This Standard is intended for use with devices intended to disinfect wastewater after secondary treatment and prior to discharge from residential wastewater treatment systems having rated treatment capacities between 757 L/day (200 gal/day) and 5678 L/day (1500 gal/day) or commercial wastewater treatment systems having a rated treatment capacity exceeding 5678 L/day (1500 gal/day).

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827 -6819, mcostello@nsf.org

## NSF (NSF International)

***Revision***

BSR/NSF 170-201x (i18r1), NSF/ANSI 170: 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 213C -201x, Standard for Safety for Grooved and Plain End Fittings (revision of ANSI/UL 213C-2014)

Clarification of Marking Requirements in Paragraphs 13.2 and 13.3.

Click here to view these changes in full

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (408) 754 -6656, Derrick.L.Martin@ul.com

## UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 325-201x, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2013)

15. Vertical Photoelectric Arrays 24. Guarding for Moving Parts of Operators Installed Less than 8 feet

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664 -2023, Amy.K.Walker@ul.com

## UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 1449-201x, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2013)

5. Definition and clarification of the use of cheesecloth and tissue paper. 9. Clarification of requirements for SPDs intended for rack mounting.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664 -2850, Mitchell.Gold@ul.com

# Comment Deadline: April 6, 2015

## ADA (American Dental Association)

***Reaffirmation***

BSR/ADA Specification No. 38-2000 (R201x), Metal-Ceramic Dental Restorative Systems (reaffirmation of ANSI/ADA Specification No. 38-2000 (R2010))

This regional/national standard specifies requirements and test methods for dental metallic materials processed by casting or machining, and for ceramics suitable for use in the fabrication of metal-ceramic dental restorations, together with requirements and test methods for the composite structure. The requirements of this regional/national standard apply to the metallic materials and ceramics when used in combination, and compliance may not be claimed for either metallic materials or for ceramics alone.

Single copy price: $62.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

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

## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR08-30-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.112 regarding additional design requirements for alternative MAOP. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR08-31-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.328 regarding construction for alternative MAOP. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR09-21-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.3, 192.467, and appendix G-192-1 regarding electrical isolation. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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

## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR12-28-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.12 and appendix G-192-1 regarding mechanical fitting failure. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR12-47-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.709 regarding leak surveys. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192. Previous public review(s) were conducted, comments are limited to revised material as highlighted.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR13-20-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.605 regarding defining goals for performance regulations. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR13-24-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.321 regarding plastic pipe backfill material. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR13-27-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.613 regarding service lines under buildings. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR13-31-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.613, 192.615, and appendix G-192-1 regarding flooding. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR13-36-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.517, 192.503, 192.505 and 192.507 regarding pressure testing records. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AGA (ASC Z380) (American Gas Association)

***Addenda***

BSR GPTC Z380.1-2015 TR14-12-200x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1 -2012)

Revise guidance under section 192.121 regarding magnetically-filled PE. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

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## AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 760 (I-P)-201x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (new standard)

This standard applies to Solenoid Valves for use with volatile refrigerants as defined in Section 3.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

## AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 761 (SI)-201x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (new standard)

This standard applies to Solenoid Valves for use with volatile refrigerants as defined in Section 3.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

## AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 770 (I-P)-201x, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

This standard applies to Refrigerant Pressure Regulating Valves controlling volatile refrigerant flow that primarily respond to pressure. The types of Refrigerant Pressure Regulating Valves are those that are responsive to inlet, to outlet, or to differential pressures sensed locally or remotely.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 771 (SI)-201x, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

This standard applies to Refrigerant Pressure Regulating Valves controlling volatile refrigerant flow that primarily respond to pressure. The types of Refrigerant Pressure Regulating Valves are those that are responsive to inlet, to outlet, or to differential pressures sensed locally or remotely.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 1280-201x, Sound Power Rating of Water-cooled Chillers (new standard)

This standard applies to commercial and industrial Water-cooled Chillers used for refrigerating or air-conditioning of spaces, as defined in Section 3 of this standard and covered by ANSI/AHRI Standards 550/590 (I-P) and 551/591 (SI), Performance Rating of Water Chilling Packages Using the Vapor Compression Cycle.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 1350 (I-P)-201x, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)

This standard applies to Central Station Air-handling Units (CSAHU) as defined in Section 3.5.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***New Standard***

BSR/AHRI Standard 1351 (SI)-201x, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)

This standard applies to Central Station Air-handling Units (CSAHU) as defined in Section 3.5.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***Revision***

BSR/AHRI Standard 1060 (I-P)-201x, Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment (revision of ANSI/AHRI Standard 1060 (I-P)-2011)

This standard applies to factory-made Air-to-Air Exchangers for use in Air-to-Air Energy Recovery Ventilation Equipment as defined in Section 3.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***Revision***

BSR/AHRI Standard 1061 (SI)-201x, Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment (revision of ANSI/AHRI Standard 1061 (SI)-2011)

This standard applies to factory-made Air-to-Air Exchangers for use in Air-to-Air Energy Recovery Ventilation Equipment as defined in Section 3.

Single copy price: Free

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### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***Revision***

BSR/AHRI Standard 1250 (I-P)-201x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1250 (I-P)-2009)

This standard applies to mechanical refrigeration equipment consisting of an integrated single package refrigeration unit, or separate Unit Cooler and condensing unit sections, where the condensing section can be located either outdoor or indoor. Controls may be integral, or can be provided by a separate party as long as performance is tested and certified with the listed mechanical equipment accordingly.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

### AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

***Revision***

BSR/AHRI Standard 1251 (SI)-201x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1251 (SI)-2014)

This standard applies to mechanical refrigeration equipment consisting of an integrated single package refrigeration unit, or separate Unit Cooler and condensing unit sections, where the condensing section can be located either outdoor or indoor. Controls may be integral, or can be provided by a separate party as long as performance is tested and certified with the listed mechanical equipment accordingly.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

## API (American Petroleum Institute)

***Withdrawal***

ANSI/API 530-5th edition-2003, Petroleum and natural gas industries - Calculation of heater-tube thickness in petroleum refineries (withdrawal of ANSI/API 530-5th edition-2003)

This International Standard specifies the requirements and gives recommendations for the procedures and design for calculating the required wall thickness of new tubes for petroleum refinery heaters. These procedures are appropriate for designing tubes for service in both corrosive and non-corrosive applications. These procedures have been developed specifically for the design of refinery and related process fired heater tubes (direct-fired, heat-absorbing tubes within enclosures). These procedures are not intended to be used for the design of external piping. This International Standard does not give recommendations for tube retirement thickness.

Single copy price: Free via API web site

Obtain an electronic copy from: http://mycommittees.api.org/standards/cre/schte/default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with copy to psa@ansi.org) to: Send comments to http://ballots.api.org/login.aspx (enter ballot number 3449).

## API (American Petroleum Institute)

***Withdrawal***

ANSI/API 651-2006, Cathodic Protection of Aboveground Petroleum Storage Tanks (withdrawal of ANSI/API 651-2006)

This recommended practice presents procedures and practices for achieving effective corrosion control on aboveground storage tank bottoms through the use of cathodic protection. It contains provisions for the application of cathodic protection to existing and new storage tanks. Corrosion control methods based on chemical control of the environment or the use of protective coatings are not covered in detail. When cathodic protection is used for aboveground storage tank applications, this recommended practice provides information and guidance specific to aboveground steel storage tanks in hydrocarbon service.

Single copy price: Free via API web site

Obtain an electronic copy from: http://mycommittees.api.org/standards/cre/scast/default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with copy to psa@ansi.org) to: http://ballots.api.org/login.aspx (select ballot No. 3447).

## API (American Petroleum Institute)

***Withdrawal***

ANSI/API 661/ISO 13706-2001, Air-Cooled Heat Exchangers for General Refinery Service (withdrawal of ANSI/API 661/ISO 13706-2001)

This International Standard gives requirements and recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of air-cooled heat exchangers for use in the petroleum and natural gas industries. This International Standard is applicable to air-cooled heat exchangers with horizontal bundles, but the basic concepts may also be applied to other configurations.

Single copy price: Free via API web site

Obtain an electronic copy from: http://mycommittees.api.org/standards/cre/schte/default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with copy to psa@ansi.org) to: http://ballots.api.org/login.aspx (enter ballot number 3345).

## API (American Petroleum Institute)

***Withdrawal***

ANSI/API RP 652-2005, Linings of Aboveground Petroleum Storage Tank Bottoms (withdrawal of ANSI/API RP 652-2005)

This recommended practice provides guidance on achieving effective corrosion control in aboveground storage tanks by application of tank bottom linings. It contains information on the selection of lining materials, surface preparation, lining application, cure, and inspection of tank bottom linings for existing and new storage tanks. This recommended practice provides information and guidance specific to aboveground steel storage tanks in hydrocarbon service. Certain practices recommended herein may also be applicable to tanks in other services.

Single copy price: Free via API web site

Obtain an electronic copy from: http://mycommittees.api.org/standards/cre/scast/default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with copy to psa@ansi.org) to: http://ballots.api.org/login.aspx (select ballot number 3448).

## API (American Petroleum Institute)

***Withdrawal***

ANSI/API Standard 660/ISO 16812-2007, Shell-and-tube Heat Exchangers (withdrawal of ANSI/API Standard 660/ISO 16812-2007)

This International Standard specifies requirements and gives recommendations for the mechanical design, material selection, fabrication, inspection, testing and preparation for shipment of shell-and-tube heat exchangers for the petroleum, petrochemical and natural gas industries. This International Standard is applicable to the following types of shell-and-tube heat exchangers: heaters, condensers, coolers and reboilers. This International Standard is not applicable to vacuum-operated steam surface condensers and feed-water heaters.

Single copy price: Free via API web site

Obtain an electronic copy from: http://mycommittees.api.org/standards/cre/schte/default.aspx

Order from: Nathaniel Wall, (202) 682-8157, walln@api.org

Send comments (with copy to psa@ansi.org) to: http://ballots.api.org/login.aspx (enter ballot number 3446).

## ASME (American Society of Mechanical Engineers)

***Revision***

BSR/ASME B30.4-201x, Portal and Pedestal Cranes (revision of ANSI/ASME B30.4-2010)

B30.4 includes provisions that apply to the construction, installation, operation, inspection, testing and maintenance of electric motor or internal combustion engine powered portal and pedestal cranes that adjust operating radius by means of a boom luffing mechanism or by means of a trolley traversing a horizontal boom, that may be mounted on a fixed or traveling base, and to any variation thereof that retain the same fundamental characteristics.

This volume applies only to portal and pedestal cranes utilizing a drum and wire rope for hoisting and that are used for hoisting work.

Single copy price: Free

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

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

## AWS (American Welding Society)

***Revision***

BSR/AWS D1.1/D1.1M-201x, Structural Welding Code-Steel (revision of ANSI/AWS D1.1/D1.1M-2010)

This code covers the welding requirements for any type of welded structure made from the commonly used carbon and low-alloy constructional steels. Clauses 1 through 9 constitute a body of rules for the regulation of welding in steel construction. There are  normative and informative annexes in this code. A Commentary of the code is included with the document.

Single copy price: $264.00

Obtain an electronic copy from: jmolin@aws.org

Order from: Jennifer Molin, (305) 443-9353, jmolin@aws.org

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

## AWWA (American Water Works Association)

***Revision***

BSR/AWWA C210-201x, Liquid-Epoxy Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C210-2008)

This standard describes the material and application of shop- and field-applied, liquid-epoxy coatings and linings used in the water-supply industry for steel water pipelines installed underground or underwater, under normal construction conditions.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6177, polson@awwa.org; vdavid@awwa.org

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

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

***Revision***

BSR N42.32-201x, Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security (revision of ANSI N42.32-2006)

This standard describes minimum performance requirements and test methods for evaluating the performance of alarming personal radiation detectors (PRDs) for homeland security applications.  PRDs are pocket sized and body-worn in order to detect photon-emitting, and optionally neutron-emitting, radioactive materials. The performance criteria contained in this standard are meant to provide the means for verifying the capability of the PRDs to reliably detect changes above background levels of ionizing radiation fields and alert the user to these changes.  This standard also specifies the requirements and test methods for environmental, electromagnetic and mechanical

Single copy price: Free

Obtain an electronic copy from: m.kipness@ieee.org

Order from: Michael Unterweger, (301) 975-5536, michael.unterweger@nist.gov

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

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

***Revision***

BSR N42.35-201x, Standard for Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security (revision of ANSI N42.35-2006)

This standard establishes the performance requirements and provides the testing and evaluation criteria for installed radiation portal monitors (RPMs) that detect photon- and neutron-emitting radioactive substances by monitoring people, packages, containers, and vehicles.  Performance requirements for portal monitors with radionuclide identification capabilities are addressed by the ANSI/IEEE N42.38 standard. Performance requirements for mobile and transportable systems are addressed by the ANSI/IEEE N42.43 standard.

Single copy price: Free

Obtain an electronic copy from: m.kipness@ieee.org

Order from: Michael Unterweger, (301) 975-5536, michael.unterweger@nist.gov

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

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

***Withdrawal***

INCITS/ISO/IEC 13818-1:2007/AM2:2008 [2011], Information technology -- Generic coding of moving pictures and associated audio information: Systems Amendment 2: Carriage of auxiliary video streams (withdrawal of INCITS/ISO/IEC 13818-1:2007/AM2:2008 [2011])

Amendment 2 to ISO/IEC 13818-1:2007.

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@itic.org

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

***Withdrawal***

INCITS/ISO/IEC 29121:2009 [2009], Information technology - Digitally recorded media for information storage - Data migration method for DVD-R, DVD-RW, DVD-RAM, +R, and +RW disks (withdrawal of INCITS/ISO/IEC 29121:2009 [2009])

ISO/IEC 29121:2013 specifies a data migration method for long-term data storage. According to the standard, manufacturers are able to construct storage systems that use DVD-R, DVD-RW, DVD-RAM, +R, or +RW disks for information storage

Single copy price: $74.50

Obtain an electronic copy from: www.incits.org

Order from: www.incits.org

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

### NECA (National Electrical Contractors Association)

***Revision***

BSR/NECA 408-201X, Standard for Installing and Maintaining Busways (revision of ANSI/NECA 408-2009)

This standard describes the installation and maintenance procedures for feeder and plug-in busways and accessories rated 600 Volts AC or less, and 100 Amperes or more, installed above ground. It also covers periodic routine maintenance procedures for busway, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Sofia Arias, (301) 215-4549, sofia.arias@necanet.org

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

### NEMA (ASC C8) (National Electrical Manufacturers Association)

***Revision***

BSR/NEMA WC 58/ICEA S-75-381-201x, Portable and Power Feeder Cables for Use in Mines and Similar Applications (revision and redesignation of ANSI/NEMA WC 58/ICEA S-75-381-201x)

These standards apply to materials, construction, and testing of insulated cables used for the utilization of electrical energy in surface and underground mines and similar applications. Included are portable cables for use in mining machines, dredges, shovels and similar equipment, mine power cables for use as connections between units of mine distribution systems, and remote control and drill cords for mining and similar applications.

Single copy price: $175.00

Obtain an electronic copy from: https://standards.nema.org/kws/groups/7WC2-TC/download/12366/icea_75_381_MARKED%20UP%20COPY%20Feb%204%202015.doc

Order from: Ryan Franks, (703) 841-3271, ryan.franks@nema.org

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

### TIA (Telecommunications Industry Association)

***Addenda***

BSR/TIA 598-D-1-201x, Optical Fiber Color Coding in Cable, Addendum for Additional Colors (addenda to ANSI/TIA 598-D-2014)

This Standard defines four additional, alternative colors to complement the existing 12 colors of TIA-598 to support 16-fiber system architectures. It defines the colors (centroids and limits) and the coding scheme for 16-fiber architecture.

Single copy price: $64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

### UL (Underwriters Laboratories, Inc.)

***Reaffirmation***

BSR/UL 33-2010 (R201x), Standard for Safety for Heat Responsive Links for Fire Protection Service (reaffirmation of ANSI/UL 33-2010)

Reaffirmation of the Standard for Safety for Heat Responsive Links for Fire Protection Service, as an American National Standard

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 2108-201x, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2014)

1.Power Over Ethernet (POE) Lighting Systems. 2. Revision to Ambient Temperature Measurement Method. 3.Clarification of Cord Connection Option for Class 2 Luminaires. 4.Temperature Test for Clothes-Closet Luminaires. 5.Class 2 Luminaire Marking for Power Unit Compatibility. 6. Clarification of Luminaire Ratings within Part IV. 7.Clarification of Wet Location Marking for Non-Class 2 Luminaires. 8.Expansion of Class 2 Marking Allowance for Power Units.

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: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

## Comment Deadline: April 21, 2015

### 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))

This part of ANSI/AGMA 2015 establishes an accuracy grade system relevant to tangential measurements on flanks of individual cylindrical involute gears. It specifies definitions for gear tooth accuracy terms, the structure of the gear accuracy grade system, and allowable values.

Single copy price: $70.00

Obtain an electronic copy from: tech@agma.org

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

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

### ASME (American Society of Mechanical Engineers)

***New Standard***

BSR/ASME PTC 47.4-201x, Performance Test Code for the Power Block of an Integrated Gasification Combined Cycle Power Plant (new standard)

This Code applies to combined cycle power plants (Power Blocks) that operate in conjunction with a gasification plant, an integrated gasification combined cycle (IGCC) power plant or an IGCC cogeneration plant. This Code does not apply to power blocks other than those associated with IGCC plants. This code (PTC 47.4) is applicable to the combined cycle power block of integrated gasification combined cycle (IGCC) power plants, whereas PTC46 is applicable to conventional combined cycles. The thermal streams and corrections in PTC 46 for conventional combined cycles are normally limited to gas or liquid hydrocarbon fuel input and steam or water input. In PTC 47.4, test measurements and associated corrections are needed to address multiple thermal streams such as heated hydrocarbon syngas fuel input, water and steam inputs from gasification process units, nitrogen input from the air separation plant, and air extraction to the air separation plant. Emissions tests, operational demonstration tests, and reliability tests are outside the scope of this Code.

Single copy price: $free

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

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Donnie Alonzo, (212) 591 -7004, dalonzo@asme.org

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 98-201X, Standard for Safety for Enclosed and Dead-Front Switches (Proposal dated 02-20-15) (revision of ANSI/UL 98-2014)

The Proposed Fourteenth Edition of the Standard for Enclosed and Dead-Front Switches

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm2000.com

Order from: Comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1 -888-853-3503

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

### ISA (International Society of Automation)

ISA TR100.15.01-2012, Backhaul Architecture Model: Secured Connectivity over Untrusted or Trusted Networks (TECHNICAL REPORT) (technical report)

This document presents an architecture model for interconnecting automation system elements over untrusted backhaul networks. The focus is on wireless physical layer but is not limited to wireless.

The specific goals of the document are to

1. provide an architecture model;
2. define a common vocabulary;
3. anticipate backhaul technology evolution;
4. allow for mixed use of a shared backhaul; and
5. provide a framework for future profile specifications.

characterized control domain (CCD), backhaul service provider (BSP), backhaul interface (BHI)

Single copy price: $130.00

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

# 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:

### HL7 (Health Level Seven)

BSR/HL7 V3 CTRR, R1-201x, HL7 Version 3 Standard: Clinical Trial Registration and Results, Release 1 (new standard)

This specification is a comprehensive and generic interchange standard for Clinical Trial Registries (not results databases) that includes all required and optional elements of most clinical trial registries; including, but not limited to, EudraCT, clinicaltrials.gov, PDQ, and WHO.

Inquiries may be directed to Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

### ISEA (International Safety Equipment Association)

BSR/ISEA 205-201x, Metal Mesh Hand and Arm Protection (new standard)

This standard specifies the penetration and tensile strength performance requirements for hand and arm protection constructed of metal mesh materials intended to protect against cuts, stabs and abrasions from knives and other cutting tools. The standard also specifies other requirements related to product design, sizing, ergonomic considerations, marking and labeling.

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

## TIA (Telecommunications Industry Association)

BSR/TIA 455-231-201x, FOTP-231 IEC 61315 - Calibration of Fibre-Optic Power Meters (identical national adoption of IEC 61315)

This international standard is applicable to instruments measuring radiant power emitted from sources which are typical for the fibre-optic communications industry. The standard describes the calibration of power meters to be performed by calibration laboratories or by power meter manufacturers.

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

## UL (Underwriters Laboratories, Inc.)

BSR/UL 2305-201x, Standard for Safety for Exhibition Display Units, Fabrication and Installation (reaffirmation of ANSI/UL 2305-2010)

(1) Reaffirmation and continuance of the first edition of the Standard for Exhibition Display Units, Fabrication and Installation, UL 2305, as an American National Standard.

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

# 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.

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**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

**Office:** 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

*Contact:* *Daniel Abbate*

**Phone:** (703) 600-0327

**Fax:** (703) 562-1942

**E-mail:** dabbate@ahrinet.org

BSR/AHRI Standard 760 (I-P)-201x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (new standard)

BSR/AHRI Standard 761 (SI)-201x, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (new standard)

BSR/AHRI Standard 770 (I-P)-201x, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

BSR/AHRI Standard 771 (SI)-201x, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

BSR/AHRI Standard 1060 (I-P)-201x, Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment (revision of ANSI/AHRI Standard 1060 (I-P)-2011)

BSR/AHRI Standard 1061 (SI)-201x, Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment (revision of ANSI/AHRI Standard 1061 (SI)-2011)

BSR/AHRI Standard 1250 (I-P)-201x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1250 (I-P) -2009)

BSR/AHRI Standard 1251 (SI)-201x, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1251 (SI) -2014)

BSR/AHRI Standard 1280-201x, Sound Power Rating of Water-cooled Chillers (new standard)

BSR/AHRI Standard 1350 (I-P)-201x, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)

BSR/AHRI Standard 1351 (SI)-201x, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)

**AMCA (Air Movement and Control Association)**

**Office:** 30 West University Drive
Arlington Heights, IL 60004-1893

*Contact:* *Amanda Muledy*

**Phone:** (847) 704-6295

**Fax:** (847) 253-0088

**E-mail:** amuledy@amca.org

BSR/AMCA ###-201x, Fan Efficiency Ratios (new standard)

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

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

*Contact:* *Deborah Spittle*

**Phone:** (202) 626-5746

**Fax:** (202) 638-4922

**E-mail:** comments@itic.org

INCITS/ISO/IEC 13818-1:2007/AM2:2008 [2011], Information technology -- Generic coding of moving pictures and associated audio information: Systems Amendment 2: Carriage of auxiliary video streams (withdrawal of INCITS/ISO/IEC 13818-1:2007/AM2:2008 [2011])

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

INCITS/ISO/IEC 29121:2009 [2009], Information technology - Digitally recorded media for information storage - Data migration method for DVD-R, DVD-RW, DVD-RAM, +R, and +RW disks (withdrawal of INCITS/ISO/IEC 29121:2009 [2009])

Obtain an electronic copy from: www.incits.org

**NECA (National Electrical Contractors Association)**

**Office:** 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

*Contact:* *Sofia Arias*

**Phone:** (301) 215-4549

**Fax:** (301) 215-4500

**E-mail:** sofia.arias@necanet.org

BSR/NECA 408-201X, Standard for Installing and Maintaining Busways (revision of ANSI/NECA 408-2009)

Obtain an electronic copy from: neis@necanet.org

BSR/NECA/NEMA 105-201X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2007)

**NSF (NSF International)**

**Office:** 789 N. Dixboro Road
Ann Arbor, MI 48105

*Contact:* *Mindy Costello*

**Phone:** (734) 827-6819

**Fax:** (734) 827-7875

**E-mail:** mcostello@nsf.org

BSR/NSF 385-201x (i1r3), NSF Standard for Wastewater Technology - Disinfection Mechanics (new standard)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

**Office:** 15 Technology Parkway South
Peachtree Corners, GA 30092

*Contact:* *Charles Bohanan*

**Phone:** (770) 209-7276

**Fax:** (770) 446-6947

**E-mail:** standards@tappi.org

BSR/TAPPI T 1014 om-201x, Moisture sensitivity of fiber glass mats (revision of ANSI/TAPPI T 1014 om-2010)

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

**Office:** 333 Pfingsten Road
Northbrook, IL 60062

*Contact:* *Ritu Madan*

**Phone:** (847) 664-3297

**E-mail:** ritu.madan@ul.com

BSR/UL 2108-201x, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2014)

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

# 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.

## IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

***New Standard***

ANSI/ASSE Series 13000-2015, Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard (new standard): 2/11/2015

## PLASA (PLASA North America)

***Revision***

ANSI E1.19-2015, Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry (revision of ANSI E1.19 -2009): 2/11/2015

## UL (Underwriters Laboratories, Inc.)

***New Standard***

ANSI/UL 87A-2015, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard): 2/13/2015

ANSI/UL 87B-2015, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard): 2/13/2015

ANSI/UL 842A-2015, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard): 2/18/2015

ANSI/UL 842B-2015, Standard for Safety for Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard): 2/18/2015

***Revision***

ANSI/UL 10B-2015, Standard for Safety for Fire Tests of Door Assemblies (revision of ANSI/UL 10B-2009): 2/16/2015

ANSI/UL 125-2015, Standard for Flow Control Valves for Anhydrous Ammonia and LP-Gas (Proposals dated 10/10/14) (revision of ANSI/UL 125-2014a): 2/18/2015

ANSI/UL 404-2015, Standard for Safety for Gauges, Indicating Pressure, for Compressed Gas Service (revision of ANSI/UL 404 -2010): 2/11/2015

ANSI/UL 1784-2015, Standard for Safety for Air Leakage Tests of Door Assemblies (revision of ANSI/UL 1784-2004 (R2009)): 2/17/2015

ANSI/UL 1784-2015a, Standard for Safety for Air Leakage Tests of Door Assemblies (revision of ANSI/UL 1784-2004 (R2009)): 2/17/2015

# 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.

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**ADA (American Dental Association)**

**Office:** 211 E. Chicago Ave
Chicago, IL 60611

*Contact:* *Kathy Medic*

**Fax:** (312) 440-2529

**E-mail:** medick@ada.org

BSR/ADA No. 35-201x, Dental Handpieces and Motors (national adoption of ISO 14457:2012 with modifications and revision of ANSI/ADA Specification No. 85-Part 1-2004 (R2009))

Stakeholders: Dentists, manufacturers

Project Need: There is no national standard on dental handpieces.

This standard is applicable to handpieces and motors used in dentistry for patient contact, regardless of their construction. It specifies requirements, test methods, manufacturer's information, marking and packaging. This standard is applicable to: a) straight and geared-angle handpieces, including handpiece attachments; b) high-speed air turbine handpieces; c) air motors; d) electrical motors; e) prophy handpieces.

**AISC (American Institute of Steel Construction)**

**Office:** 1 East Wacker Drive
Suite 700
Chicago, IL 60601

*Contact:* *Keith Grubb*

**Fax:** (312) 670-5403

**E-mail:** grubb@aisc.org

BSR/AISC 358-201x, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision, redesignation and consolidation of ANSI/AISC 358-2010, ANSI/AISC 358-2010/S1-2011, ANSI/AISC 358-S2-2014)

Stakeholders: structural engineers, steel fabricators, contractors

Project Need: Revise and update the current standard, incorporating existing supplements and new material.

This standard specifies design, detailing, fabrication and quality criteria for structural steel connections that are prequalified in accordance with the AISC Seismic Provisions for Structural Steel Buildings (AISC 341) for use with special moment frames (SMF) and intermediate moment frames (IMF).

**AMCA (Air Movement and Control Association)**

**Office:** 30 West University Drive
Arlington Heights, IL 60004-1893

*Contact:* *Amanda Muledy*

**Fax:** (847) 253-0088

**E-mail:** amuledy@amca.org

* BSR/AMCA ###-201x, Fan Efficiency Ratios (new standard)

Stakeholders: Manufacturers, specifiers, building owners, engineers, regulatory bodies

Project Need: This standard will help the industry calculate a base level efficiency

This standard will introduce the fan efficiency ratio (FER), an energy efficiency metric for fans. This metric is a ratio of the actual fan efficiency to a baseline fan efficiency, both calculated at a given airflow and pressure point. The FER is designed to encourage responsible application of fans and drive significant and quantifiable energy savings through energy codes, utility rebate programs and federal regulations.

**API (American Petroleum Institute)**

**Office:** 1220 L Street, NW
Washington, DC 20005-4070

*Contact:* *Nathaniel Wall*

**E-mail:** walln@api.org

BSR/API Standard 537-201x, Flare Details for Petroleum, Petrochemical and Natural Gas Industries (new standard)

Stakeholders: Petroleum, natural gas, and petrochemical industry equipment manufacturers-service suppliers, petroleum refinery/petrochemical plant owner-operators and upstream oil and gas producers and consultants/contracted experts (other).

Project Need: This American National Standard is needed because of a growing trend in governmental regulation of petroleum industry flares in terms of emissions and safety.

This Standard specifies requirements and provides guidance for the selection, design, specification, operation and maintenance of flares and related combustion and mechanical components used in pressure-relieving and vapor-depressurizing systems for petroleum, petrochemical and natural gas industries. Although this Standard is primarily intended for new flares and related equipment, it is also possible to use it to evaluate existing flare facilities. Annexes A, B and C provide further guidance and for the selection, specification and mechanical details for flares and on the design, operation and maintenance of flare combustion and related equipment.

**ASME (American Society of Mechanical Engineers)**

**Office:** Two Park Avenue
New York, NY 10016
*Contact:* *Mayra Santiago*
**Fax:** (212) 591-8501
**E-mail:** ansibox@asme.org

BSR/ASME B36.10M-201x, Welded and Seamless Wrought Steel Pipe (revision of ANSI/ASME B36.10M-2004 (R2010))

Stakeholders: Users, manufacturers, designers, consultants, and government agencies concerning pipe and pipelines.

Project Need: Revise the current standard to make it consistent with B16.

This Standard covers the standardization of dimensions of welded and seamless wrought steel pipe for high or low temperatures and pressures.ASME B36.10M-20XX
Welded and Seamless Wrought Steel Pipe
Revise the current standard to make it consistent with B16.
Users, manufacturers, designers, consultants, and government agencies concerning pipe and pipelines.
This Standard covers the standardization of dimensions of welded and seamless wrought steel pipe for high or low temperatures and pressures.

**NECA (National Electrical Contractors Association)**

**Office:** 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
*Contact:* *Sofia Arias*
**Fax:** (301) 215-4500
**E-mail:** sofia.arias@necanet.org

* BSR/NECA/NEMA 105-201X, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2007)

Stakeholders: Electrical Contractors, Specifiers, Electrical Workers, Inspectors, Building Owners, Maintenance Engineers

Project Need: National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner.

This standard addresses shipping, handling, storing, and installing cable tray systems and provides information on maintenance and system modification.

**PLASA (PLASA North America)**

**Office:** 630 Ninth Avenue
Suite 609
New York, NY 10036-3748
*Contact:* *Karl Ruling*
**Fax:** (212) 244-1502
**E-mail:** standards.na@plasa.org

BSR E1.30-7-201x, EPI 29, Allocation of Internet Protocol Version 4 Addresses to ACN Hosts (revision of ANSI E1.30-7-2009)

Stakeholders: Entertainment lighting control equipment manufacturers, specifiers, dealers, rental companies, and users.

Project Need: E1.37 - 2009 was being considered for reaffirmation, but public comments indicate it needs to be revised.

E1.30-7, EPI 29, Allocation of Internet Protocol Version 4 Addresses to ACN Hosts, is a recipe that changes some of the rules for ACN (ANSI E1.17) so that devices with IP addresses not set by DHCP can be used on a network. There are cases in which IP addresses cannot be assigned by DHCP, and perhaps must be assigned manually. This EPI suggests how.

BSR E1.37-2-201x, Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (revision of ANSI E1.37 -2-2014)

Stakeholders: Entertainment lighting control manufacturers, lighting designers, lighting control equipment rental companies and retailers, stage electricians, luminaire manufacturers

Project Need: The current standard contains errors. We need to implement changes noted in an errata document.

This document is part 2 of the E1.37 project. It provides additional get/set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are intended for configuring network interfaces and Domain Name System settings on devices with an IPv4 address.

**SCTE (Society of Cable Telecommunications Engineers)**

**Office:** 140 Philips Road
Exton, PA 19341
*Contact:* *Travis Murdock*
**Fax:** (610) 363-5898
**E-mail:** tmurdock@scte.org

BSR/SCTE EMS 021-201x, Cable Operator Energy Audit Framework for Establishment of Energy Baseline (new standard)

Stakeholders: Cable Telecommunications Industry

Project Need: Create new standard

The purpose of this standard is to provide a method for establishing an energy baseline for cable operators to use to audit the power consumption of inside and outside plant devices. This document does not include customer premise equipment (CPE).

BSR/SCTE IPS SP 916-201x, Fiber Bend Insensitive Fiber Optic Patch Cord Specification (new standard)

Stakeholders: Cable Telecommunications Industry

Project Need: Create new standard

This standard defines the minimum quality requirements for fiber optic single-mode and multi-mode patch cords. It provides material and component specifications, detailed mechanical, optical, and performance requirements, and appearance and packaging requirements for fiber optic jumper cables. Patch cords constructed in the field using various proprietary assembly technologies must also meet the requirements of this document.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

**Office:** 15 Technology Parkway South
Peachtree Corners, GA 30092
*Contact:* *Charles Bohanan*
**Fax:** (770) 446-6947
**E-mail:** standards@tappi.org

BSR/TAPPI T 1014 om-201x, Moisture sensitivity of fiber glass mats (revision of ANSI/TAPPI T 1014 om-2010)

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 revise existing TAPPI/ANSI standard based on comments received on draft 1 ballot.

This test method covers the determination of the moisture sensitivity of fiber glass mat binder systems.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

# ANSI-Accredited Standards Developers Contact Information

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

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**ADA (Organization)**
American Dental Association

211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

**AGA (ASC Z380)**
American Gas Association

400 N. Capitol Street, N.W.
Washington, DC 20001
Phone: (202) 824-7312
Fax: (202) 824-9122
Web: www.aga.org

**AGMA**
American Gear Manufacturers Association

1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

**AHRI**
Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

**AISC**
American Institute of Steel Construction

1 East Wacker Drive
Suite 700
Chicago, IL 60601
Phone: (312) 670-8318
Fax: (312) 670-5403
Web: www.aisc.org

**AMCA**
AMCA International, Inc.

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

**API**
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8157
Web: www.api.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

**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

**AWWA**
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org

**BPI**
Building Performance Institute

107 Hermes Road
Suite 110
Malta, NY 12020
Phone: (877) 274-1274
Fax: (866) 777-1274
Web: www.bpi.org

**GISC (ASC Z97)**
Glazing Industry Secretariat Committee

730 Worcester Street
Springfield, MA 01151
Phone: (413) 730-3413
Fax: (508) 861-0127
Web: www.ansiz97.com

**IAPMO (ASSE Chapter)**
ASSE International Chapter of IAPMO

18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
Phone: (708) 995-3015
Fax: (708) 479-6139
Web: www.asse-plumbing.org

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

100 Bureau Drive M/S 8462
Gaithersburg, MD 20899-8462
Phone: (301) 975-5536
Fax: (301) 926-7416
Web: www.ieee.org

**ISA (Organization)**
ISA-The Instrumentation, Systems, and Automation Society

PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

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

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.org

**NECA**
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.neca-neis.org

**NEMA (ASC C8)**
National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

**NSF**
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.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

**SCTE**
Society of Cable Telecommunications Engineers

140 Philips Road
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

**TAPPI**
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

**TIA**
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7497
Fax: (703) 907-7727
Web: www.tiaonline.org

**UL**
Underwriters Laboratories, Inc.

1285 Walt Whitman Road
Melville, NY 11747
Phone: (631) 546-2593
Fax: (631) 546-2593
Web: www.ul.com

# 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

**ANALYSIS OF GASES (TC 158)**

ISO 19229:2015, Gas analysis - Purity analysis and the treatment of purity data, $88.00

**BUILDING CONSTRUCTION (TC 59)**

ISO 16745:2015, Environmental performance of buildings - Carbon metric of a building - Use stage, $200.00

**COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)**

ISO 10439-1:2015, Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 1: General requirements, $265.00

ISO 10439-2:2015, Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 2: Non-integrally geared centrifugal and axial compressors, $240.00

ISO 10439-3:2015, Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 3: Integrally geared centrifugal compressors, $240.00

ISO 10439-4:2015, Petroleum, petrochemical and natural gas industries - Axial and centrifugal compressors and expander-compressors - Part 4: Expander-compressors, $240.00

**DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO 17469-1:2015, Document management - Strategy markup language (StratML) - Part 1: StratML core elements, $123.00

**EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)**

ISO 14520-14:2015, Gaseous fire-extinguishing systems - Physical properties and system design - Part 14: IG-55 extinguishant, $88.00

ISO 14520-15:2015, Gaseous fire-extinguishing systems - Physical properties and system design - Part 15: IG-541 extinguishant, $88.00

**GAS TURBINES (TC 192)**

ISO 19372:2015, Microturbines applications - Safety, $265.00

**MECHANICAL CONTRACEPTIVES (TC 157)**

ISO 7439:2015, Copper-bearing contraceptive intrauterine devices - Requirements and tests, FREE

**NUCLEAR ENERGY (TC 85)**

ISO 18589-3:2015, Measurement of radioactivity in the environment - Soil - Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry, $149.00

**OTHER**

ISO 10447:2015, Resistance welding - Testing of welds - Peel and chisel testing of resistance spot and projection welds, $88.00

**PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)**

ISO 13845:2015, Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with thermoplastic pressure pipes - Test method for leaktightness under internal pressure and with angular deflection, $51.00

**RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO 28017/Amd1:2015, Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications - Specification - Amendment 1, $22.00

ISO 1817:2015, Rubber, vulcanized or thermoplastic - Determination of the effect of liquids, $149.00

ISO 1823:2015, Rubber hose and hose assemblies for oil suction and discharge service - Specification, $149.00

ISO 23794:2015, Rubber, vulcanized or thermoplastic - Abrasion testing - Guidance, $123.00

**SOLID BIOFUELS (TC 238)**

ISO 16995:2015, Solid biofuels - Determination of the water soluble chloride, sodium and potassium content, $88.00

**TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO 13693-2:2015, Irrigation equipment - Safety devices for chemigation - Part 2: Chemigation valve assemblies from DN 75 (3) to DN 350 (14), $88.00

**WELDING AND ALLIED PROCESSES (TC 44)**

ISO 5175/Amd1:2015, Equipment used in gas welding, cutting and allied processes - Safety devices for fuel gases and oxygen or compressed air - General specifications, requirements and tests - Amendment 1, $22.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 15444-1/Cor3:2015, Information technology - JPEG 2000 image coding system: Core coding system - Corrigendum, FREE

ISO/IEC 27039:2015, Information technology - Security techniques - Selection, deployment and operations of intrusion detection systems (IDPS), $200.00

ISO/IEC 38500:2015, Information technology - Governance of IT for the organization, $88.00

ISO/IEC 29182-7:2015, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 7: Interoperability guidelines, $88.00

ISO/IEC TS 18661-2:2015, Information Technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 2: Decimal floating-point arithmetic, $200.00

# IEC Standards

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

IEC 62810 Ed. 1.0 en:2015, Cylindrical cavity method to measure the complex permittivity of low-loss dielectric rods, $121.00

**DEPENDABILITY (TC 56)**

IEC 62740 Ed. 1.0 b:2015, Root cause analysis (RCA), $351.00

IEC 62741 Ed. 1.0 b:2015, Demonstration of dependability requirements - The dependability case, $278.00

**ELECTRIC CABLES (TC 20)**

IEC 62821-1 Ed. 1.0 b:2015, Electric cables - Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V - Part 1: General requirements, $182.00

IEC 62821-2 Ed. 1.0 b:2015, Electric cables - Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V - Part 2: Test methods, $48.00

IEC 62821-3 Ed. 1.0 b:2015, Electric cables - Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V - Part 3: Flexible cables (cords), $73.00

**ELECTRIC TRACTION EQUIPMENT (TC 9)**

IEC 62580-1 Ed. 1.0 b:2015, Electronic railway equipment - On-board multimedia and telematic subsystems for railways - Part 1: General architecture, $351.00

**ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)**

IEC 60079-5 Ed. 4.0 b:2015, Explosive atmospheres - Part 5: Equipment protection by powder filling "q", $157.00

**ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)**

IEC 80601-2-35 Ed. 2.0 b cor.2:2015, Corrigendum 2 - Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of healing devices using blankets, pads or mattresses and intended for heating in medical use, $0.00

**FIBRE OPTICS (TC 86)**

IEC 61280-2-2 Ed. 4.0 en cor.1:2015, Corrigendum 1 - Fibre optic communication subsystem test procedures - Part 2-2: Digital systems - Optical eye pattern, waveform and extinction ratio measurement, $0.00

**FLAT PANEL DISPLAY DEVICES (TC 110)**

IEC 61747-20-1 Ed. 1.0 en:2015, Liquid crystal display devices - Part 20-1: Visual inspection - Monochrome liquid crystal display cells (excluding all active matrix liquid crystal display cells), $73.00

**MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)**

IEC 62792 Ed. 1.0 b:2015, Measurement method for the output of electroshock weapons, $206.00

**PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)**

IEC 62552-1 Ed. 1.0 b:2015, Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements, $339.00

IEC 62552-2 Ed. 1.0 b:2015, Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements, $278.00

IEC 62552-3 Ed. 1.0 b:2015, Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume, $411.00

**POWER ELECTRONICS (TC 22)**

IEC 62747 Ed. 1.0 b cor.1:2015, Corrigendum 1 - Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems, $0.00

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC 62325-451-5 Ed. 1.0 b:2015, Framework for energy market communications - Part 451-5: Problem statement and status request business processes, contextual and assembly models for European market, $303.00

**WIND TURBINE GENERATOR SYSTEMS (TC 88)**

IEC 61400-SER Ed. 1.0 b:2015, Wind turbine generator systems - ALL PARTS, $5768.00

IEC 61400-1 Amd.1 Ed. 3.0 b:2010, Amendment 1 - Wind turbines - Part 1: Design requirements, $206.00

IEC 61400-27-1 Ed. 1.0 b:2015, Wind turbines - Part 27-1: Electrical simulation models - Wind turbines, $363.00

## IEC Technical Reports

**FIBRE OPTICS (TC 86)**

IEC/TR 62343-6-7 Ed. 1.0 en:2015, Dynamic modules - Part 6-7: Design guide - Optical channel monitor, $85.00

# 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 reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

### Calls for Members

### Society of Cable Telecommunications

### ANSI Accredited Standards Developer

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

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

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

## ANSI Accredited Standards Developers

### Approvals of Reaccreditations

### 3-A Sanitary Standards, Inc.

ANSI's Executive Standards Council has approved the reaccreditation of 3-A Sanitary Standards Inc., an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on 3-A SSI-sponsored American National Standards, effective February 18, 2015. For additional information, please contact: Mr. Eric Schweitzer, Director, Standards & Certification, 3-A Sanitary Standards, Inc., 6888 Elm Street, Suite 2D, McLean, VA 22101-3829; phone: 703.790.0295; e-mail: erics@3-a.org.

### Consumer Electronics Association (CEA)

ANSI's Executive Standards Council has approved the reaccreditation of the Consumer Electronics Association (CEA), an ANSI Organizational Member, under its recently revised CEA Technology and Standards Procedures Manual for documenting consensus on CEA-sponsored American National Standards, effective February 18, 2015. For additional information, please contact: Ms. Veronica A. Lancaster, AStd, Director, Standards Programs, Consumer Electronics Association, 1919 S. Eads Street, Arlington, VA 22202; phone: 703.907.7697; e-mail: vlancaster@ce.org.

### Steel Deck Institute (SDI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Steel Deck Institute (SDI), an ANSI organizational member, has been approved under its recently revised operating procedures for documenting consensus on SDI-sponsored American National Standards, effective February 17, 2015. For additional information, please contact: Thomas Sputo, Ph.D., P.E., S.E., SECB, Technical Director, Steel Deck Institute, 10 SW 1st Avenue, Gainesville, FL 32601; phone: 352.378.0448; e-mail: sputoeng@mindspring.com.

## ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

### Application for Accreditation

### SGS India Private Limited

### Comment Deadline: March 22, 2015

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

SGS India Private Limited
Ajoy Gupta
Ecospace, Block – 3A, 2nd Floor, East Wing, Premises IIF/ 11, Action Area –II
Rajarhat, New Town, Kolkata 700 156
India
Phone: +91 33 6650 6100

SGS India Private Limited has submitted a formal application for accreditation by ANSI for the following sectoral scopes:

*Validation and Verification of assertions related to GHG emission reductions & removals at the project level*

Group 1 – GHG emission reductions from fuel combustion

Group 6 – Waste Handling and Disposal

Please send your comments by March 22, 2015 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287, or e-mail: abowles@ansi.org.

## ANSI Accreditation Program for Third Party Product Certification Agencies

### Scope Extensions

### Curtis-Strauss, LLC

### Comment Deadline: March 22, 2015

Mr. Tadas Stukas – Quality & HSE Manager
Curtis-Straus, LLC
One Distribution Center Circle, Suite #1
Littleton, MA 01460
Phone: 978-486-8880
Fax: 978-486-8828
E-mail: tadas.stukas@us.bureauveritas.com
Web: www.curtis-straus.com

Curtis-Straus, LLC, an ANSI-accredited certification body, has requested a scope extension to include the following:

HKCA 1072

HKCA 1073

Please send your comments by March 22, 2015 to Reinaldo Balbino Figueiredo, Senior 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 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.

### Keystone Certifications, Inc.

### Comment Deadline: March 22, 2015

Mr. Jon Hill – President
Keystone Certifications, Inc.
564 Old York Road, Suite 5
Etters, PA 17319,
Phone: 717-932-8500
Fax: 717-932-8501
E-mail: jhill@keystonecerts.com
Web: www.keystonecerts.com

Keystone Certifications, Inc., an ANSI-accredited certification body, has submitted a request for the following scope extension:

Keystone Roof Covering Certification & Listing Program to initially certify metal roof panel and metal roof shingle product conformance with the 2009 and 2012 International and Residential Building Codes

* CSI Division 07 00 00 - Thermal and Moisture Protection

- Section 07310 - Metal Roof Shingles

- Section 07410 - Metal Roof Panels

Please send your comments by March 22, 2015 to Reinaldo Balbino Figueiredo, Senior 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 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)

## Call for an International (ISO) Secretariat

### ISO/TC 182 – Geotechnics

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that NEN (Netherlands), the ISO delegated secretariat, wishes to relinquish the role of the secretariat. ISO/TC 182 operates under the following scope:

> Standardization of geotechnical aspects in the field of building and civil engineering, including (related) properties of soil and rock.

Information concerning the United States acquiring the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

## New Field of ISO Technical Activity

### Bamboo and Rattan

### Comment Deadline: March 13, 2015

SAC (China) has submitted to ISO a proposal (and additional information) for a new field of ISO technical activity on the subject of Bamboo and Rattan, with the following scope statement:

> Standardization of bamboo, rattan, and derived materials, including terminology, classification, specifications, test methods and quality requirements.

Anyone wishing to review this new proposal (and additional information) 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 Friday, March 13, 2015.

# Meeting Notices

## AHRI Meetings

### Revision of AHRI Standard 350, Sound Rating of Non-Ducted Indoor Air Conditioning Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on February 25 from 3 p.m. to 4:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at rmohan@ahrinet.org.

### Revision of AHRI Standard 540, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting March 30 from 3 p.m. to 4:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

### Development of AHRI Standard 1500, Performance Rating of Commercial Space Heating Boilers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on March 2 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 Aykut Yilmaz at ayilmaz@ahrinet.org.

## U.S. TAG to ISO

### U.S.TAG to ISO/TC 242 – Energy Management and U.S. TAG to ISO/TC 257 – Evaluation of Energy Savings

The U.S. TAG to ISO/TC 242 Energy Management and the U.S. TAG to ISO/TC 257 Evaluation of Energy Savings will be meeting on 15 April 2015 through 16 April 2015 in Washington DC. The session will start at 10 am on the 15th and end by 3:00 pm on the 16th. If you are interested in attending, please contact Deann Desai via e-mail at deann.desai@gatech.edu or via cell phone at +1-770-605-4474.

# Information Concerning

## International Electrotechnical Commission (IEC)

### Stakeholders Interested in Establishing USNC Technical Advisory Group (TAG) for IEC/SC 22E, Stabilized Power Supplies, and Registering as a Participating Member

Currently the USNC is a Non-Member of IEC/SC 22E – Stabilized Power Supplies. Several stakeholders have expressed interest in establishing a USNC TAG and having the USNC become a Participating Member of the SC. In order to do that the following must take place:

There are three criteria necessary for establishing any USNC TAG:

- There needs to be at least three US individuals willing to be voting members in good standing;
- A suitable organization needs to be identified and volunteer to be the TAG Administrator; and
- An individual needs to be identified and volunteer to be the Technical Advisor for the TAG (one of the members).

**Scope of IEC SC 22E:**

To prepare international standards for low voltage bi-directional grid connected power converters (GCPC), d.c. to a.c. power converters and stabilized d.c. switched-mode power supplies.

This includes: specifications and performance and specific vocabulary, EMC, safety and system aspects (e.g., interaction with smart low-voltage electrical installations).

The scope relates to power electronic converters handling various different types of power sources and/or loads. Power electronic converters for special applications (e.g., power drives, uninterruptible power systems, photovoltaic systems) are covered by the relevant TC/SCs.

If any entities are interested in establishing a USNC TAG for IEC/SC 22E, they are invited to contact Tony Zertuche at tzertuche@ansi.org. The USNC Technical Management Committee (TMC) will consider the expressions of interest received and, if all the conditions are met, will take the appropriate action.

**Draft – January 2015**

**A17.3 – 20XX**
**(Proposed revision of**
**ASME A17.3-2011)**

# Safety Code for Existing Elevators and Escalators

**TENTATIVE**
**SUBJECT TO REVISION OR WITHDRAWL**


**ASME**
**Two Park Avenue**
**New York, NY**

## SECTION 2.7
## HOISTWAY-DOOR LOCKING DEVICES, PARKING DEVICES, AND ACCESS

### 2.7.3 Elevator Parking Device

*(a)* *Parking Devices Required.* Elevators that are operated from within the car only shall have elevator parking devices installed at every landing that is equipped with an unlocking device. On elevators that are not operated from within the car only, an elevator parking device shall be provided at one landing and shall be permitted to be provided at other landings. This device shall be located at a height not greater than 6 ft 11 in. (2.11 m) above the floor. Parking devices are not required for elevators having hoistway doors that are automatically unlocked when the car is within the landing zone.

*(b)* *General Design Requirements.* Parking devices shall conform to the following requirements:

*(1)* They shall be mechanically or electrically operated.

*(2)* They shall be designed and installed so that friction or sticking or the breaking of any springs used in the device will not permit opening or unlocking a door when the car is outside the landing zone of that floor.

*(3)* Springs, where used, shall be of the restrained compression type, which will prevent separation of the parts in case the spring breaks.

*(c)* In elevators with a parking device, means shall not be permitted to turn off the lighting inside the car unless a means is provided to ensure that alternative lighting is always available inside the car that meets the requirements of 3.4.5(a) and (b).

## SECTION 3.10
## OPERATING DEVICES AND CONTROL EQUIPMENT

### 3.10.11 System to Monitor and Prevent Automatic Operation of the Elevator With Faulty Door Contact Circuits

Means shall be provided to monitor the position of power-operated car doors that are mechanically coupled with the landing doors while the car is in the landing zone, in order:

*(a)* to prevent automatic operation of the car if the car door is not closed (see 3.4.2(c)), regardless whether the portion of the circuits incorporating the car door contact or the interlock contact of the landing door coupled with the car door, or both, are closed or open, except as permitted in 3.10.7.

*(b)* to prevent the power closing of the doors during automatic operation if the car door is fully open and any of the following conditions exist:

1. the car door contact is closed or the portion of the circuit, incorporating this contact is bypassed
2. the interlock contact of the landing door that is coupled to the opened car door is closed or the portion of the circuit, incorporating this contact is bypassed
3. the car door contact and the interlock contact of the door that is coupled to the opened car door are closed, or the portions of the circuits incorporating these contacts are bypassed

## SECTION 4.7
## OPERATING DEVICES AND CONTROL EQUIPMENT

### 4.7.7 Control and Operating Circuit Requirements

Control and operating circuits shall conform to the requirements of 3.10.9 and 3.10.11.

## SECTION 5.3
## OPERATING AND SAFETY DEVICES

### 5.3.2 Emergency Stop Buttons

(a) ~~There shall be a~~A red stop button shall be visibly and accessibly located at the top and bottom landings for each unit.~~of each escalator.~~ The operation of either one of these buttons shall cause the ~~interruption of~~ electric power to be removed from the escalator driving machine motor and brake. It shall not be ~~im~~possible to start an escalator by means of these buttons. ~~These buttons shall be marked "EMERGENCY STOP."~~

(b) The button shall be identified with the words "EMERGENCY STOP," in letters not less than 0.5 in. (12 mm) high.
(c) In jurisdictions not enforcing NBCC, remote stop buttons are prohibited. In jurisdictions enforcing NBCC, if remote buttons are provided, they shall be located such that the escalator steps are within sight from the stop button locations.

### 5.3.4 Broken Step-Chain Device

A broken step-chain device shall be provided which shall ~~to~~ cause the electric power to be removed from ~~the interruption of power to~~ the driving machine motor and brake if a step chain breaks, and, where no automatic chain tension device is provided, if excessive sag occurs in either step chain. The device shall be of the manual-reset type.

### 5.3.5 Application of Brake

The brake shall be applied automatically if the electrical power supply is interrupted. ~~stop the escalator when any of the safety devices function.~~

### 5.3.12 Escalator Smoke Detectors

Smoke detectors shall be permitted that shall activate an alarm with a sound intensity of 80 dBA minimum at the location of the emergency stop button (see 5.3.2) and, after at least 15 s, shall cause the electric power to be removed from the driving-machine motor and brake.

## SECTION 9.6
## OPERATING AND SAFETY DEVICES

### 9.6.3 Emergency Stop Buttons

*(a)* A red stop button shall be visibly located at e~~very entrance to and exit from a~~ the top and bottom landing ~~moving walk~~ on the right side when facing the moving walk. The operation of either of these buttons shall cause the electric power to be removed from the moving walk driving machine motor and break. ~~stop the walk.~~ It shall not be possible to start the walk by these buttons. ~~Remote stop buttons are prohibited.~~
*(b)* The button shall be identified with the words "EMERGENCY STOP," in letters not less than 0.5 in. (12 mm) ~~(18 mm)~~ high. The letters shall be located on, over or under the buttons.
*(c)* In jurisdictions not enforcing NBCC, remote stop buttons are prohibited. In jurisdictions enforcing NBCC, if remote buttons are provided, they shall be located such that the escalator steps are within sight from the stop button locations.

### 9.6.5 Application of an Electrically Released Brake

~~An~~The electrically released brake shall be applied automatically if the electrical power supply is interrupted. ~~automatically stop the walk when any of the safety devices required by 9.6.3, 9.6.4, 9.6.7, and 9.6.8 are actuated.~~

### 9.6.12 Broken Treadway Device

A broken treadway device shall be provided that shall cause the electric power to be removed from the moving walk driving-machine motor and brake if the connecting means between pallets or the belt breaks. The device shall be of the manual-reset type.

### 9.6.13 Moving Walk Smoke Detectors

Smoke detectors shall be permitted that shall activate an alarm with a sound intensity of 80 dBA minimum, at the location of the emergency stop button (See 9.3.6) and, after at least 15 s, shall cause the electric power to be removed from the moving walk driving-machine motor and brake.

5.2.1 Pass the software verification tests listed in Section 4.2.1 of Procedures for Certifying Residential Energy Efficiency Tax Credits – RESNET Publication No. 1306-001, January 15, 2013.Nov 7, 2011.

7.1.1.2 Have a variable tick rate or changing tone based on gas concentration levels. Note: The tick rate provides the indication of concentration but only accounts for relative concentration changes, not necessarily identifying hazardous concentration thresholds.

7.9 Combustion appliance safety inspection

After gas or oil piping inspection and a visual inspection of the combustion appliance/s have been completed and no unsafe conditions related to these inspections have been observed, Aa combustion appliance safety inspection shall be completed to determine if fossil fuel-fired appliances are operating safely under a depressurized condition.

7.9.1.3 Close all building exterior doors and windows. Close all CAZ doors. Close the interior doors of all rooms except for rooms with an exhaust fan and rooms with a central forced air system return. Outdoor openings for combustion air shall remain open.

7.9.1.6 Turn on the following exhaust equipment: clothes dryers (check and clean the dryer filter and look for blockage at the external vent damper prior to operation), range hoods, and other bathroom exhaust fans. If there are speed controls, operate the exhaust equipment at the highest speed setting. Do not operate a whole house cooling exhaust fan.

7.9.1.9. Open all interior door/s directly leading tobetween the CAZ. and other spaces of the building. Measure and record the pressure in the CAZ WRT outside.

7.9.1.9.1 If the pressure in the CAZ becomes more negative WRT outside after the door(s) are opened, the door(s) shall remain open during the combustion appliance safety inspection. [1]

7.9.1.9.2 Alternatively, pressure differential diagnostics may be used to determine proper door configuration to impact CAZ depressurization.[3] [NOTE: Moved to footnote[3]. See below.]

7.10.1.5.2 Inadequate clearance to combustible materials. Consult the appliance documentation for required clearances. If no documentation is available, refer to NFPA 211.

7.11 Placing appliances back in operation

If no safety concerns or hazards were identified during the inspection of the combustion appliances, return all inspected appliances and systems to their pre-existing state. If appliance-related safety concerns or hazards were identified during the inspection, follow the appropriate actions levels specified in the preceding Sections. Note: In

[3] Alternatively, pressure differential diagnostics may be used to determine proper door configuration to create the greatest CAZ depressurization. Pressure differential diagnostics may include manometer readings or a visual indicator, such as smoke., to determine ifany room separating a space from the CAZ (except for closets or rooms with exhaust fans) is pulling air from the CAZ. When it is determined that a room is pulling air from the CAZ, that door would be left open to increase depressurization in the CAZ.
[4] If based on the interview of the homeowner or visual inspection of the appliance, a determination is made that the appliance needs to be serviced, or for some reason the auditor cannot perform a CO test, the auditor may specify service by a qualified professional in lieu of performing the CO testing as specified in Sections 7.9.2. and 7.9.3. The auditor must perform the spillage assessment as specified in Section 7.9.2.1 and/or 7.9.3.1, based upon whether testing with a cold or warm vent.

some cases this will require that the auditor recommend that the appliance be turned off and the homeowner/occupant be advised to contact a qualified professional for further evaluation.

8.3 In situations identified in *BPI-1100*, Section 8.3 where exhaust fan or clothes dryer* vents terminate within the building enclosure, including any unconditioned attics or crawl spaces, recommend solutions for terminating the exhaust system(s) directly outdoors. This recommendation shall include existing exhaust fans that are not included as local exhaust, such as toilet room fans.

*Exception:condensing exhaust dryers.

8.3.5 For ducts located outside the pressure boundary, recommend R-8 insulation, at a minimum.

10.1.1.1 When assessing components of the building enclosure for cost-benefit analysis and prioritization, detailed measurements of components and insulation levels are optional. However, specific home energy upgrades that are recommended for action shall include adequate detail to ensure accurate savings estimates, including quantity, surface area, construction type, existing listed R-value (if available), effective R-value, and proposed modifications.

10.1.5.3. Note the presence, type, listed R-value (if available) and effective R-value, of any insulation on attic ceiling (rafters) and/or floor joists), as well as any degradation or installation issues with existing insulation.

10.1.5.4 Note the presence, type, listed R-value (if available) and effective R-value, of any insulation on kneewalls (between conditioned and unconditioned spaces) or gable walls that are part of the thermal boundary.

11.2.5 Measure the temperature rise of the appliance. Compare the temperature rise to the manufacturer system specifications noted on the appliance. If temperature rise is not within the manufacturer's specified range, recommend that the unit and duct system be evaluated ~~serviced~~ by a qualified professional.

11.3.1.2 Examine the condition of the outdoor coils. If damage to coils exists and/or debris is blocking the coil passageways, recommend further examination by a qualified professional.

11.4.3 Examine the refrigerant piping insulation per 11.3.3.

11.4.4 Examine the inside of the air handler cabinet per 11.3.4.

11.12.2 Inspect for soot, debris, or signs of spillage around flue collar, barometric draft control, or draft hood. If noted, recommend water heater be serviced by a qualified professional.

12.1.3 Record the fuel source and venting of the dryer. Consider replacement of dryer if unit is not equipped with moisture sensing device or if changing to a less expensive fuel source would result in cost savings. Ensure that the dryer vents to the exterior and is not constricted with lint. If the dryer is vented with plastic ductwork, recommend replacement with all-metal ducts.

12.2.2.1 Verify that the unit is labeled as compliant with minimum standards provided in *ANSI/APSP-14 2011, Standard for Portable Electric Spa Energy Efficiency* (ASPS-14). If the spa is not labeled, recommend replacement with an ASPS-14-compliant unit.

~~12.2.2.3 Where not already in place, recommend a 2-stage pump, operation timers, lower water temperature, and proper maintenance including cleaning of filters.~~

~~12.2.2.4 For homeowner/occupants considering the installation of a new portable hot tub, provide guidance regarding the preference for equipment labeled as compliant with minimum standards provided in *ANSI/APSP-14 2011, Standard for Portable Electric Spa Energy Efficiency*.~~

12.4.2.1.1 ~~For homes with natural gas, separate the natural gas use into baseload and heating.~~ Calculate the annual natural gas baseload by averaging three lowest months' therms and using the following formula:

Annual gas baseload = 12 x 1.1 x (average of three lowest months' therms)~~= baseload therms. Baseload x cost per therm equals total cost of gas baseload. Add this to the use and cost of the electrical baseload.~~

12.4.2.1.2 Calculate the annual electric baseload by averaging the three lowest months' kWh and using the following formula:

~~In homes with electricity, separate the electrical use into heating and non-heating loads. Non-heating loads includes baseload, plug loads, and cooling loads:~~

Annual electricity baseload = 12 x 1.1 x (average of the three lowest months' kWh) ~~= Non-heating loads kWh. Non-heating loads x cost per kWh equals total cost of Non-heating loads. Add this to the use and cost of natural gas baseload (if relevant). Note that establishing baseload independent of plug and cooling load in electrically heated homes by using power bills that have not already disaggregated the loads is not possible.~~

Note: for homes with electric heating and cooling, if the HVAC controls are set to provide automatic heat/cool changeover on demand, even the lowest month kWh reading may overestimate baseload and should be considered on a case-by-case basis. Similarly, in mild climates with a very long or year-round pool season, space heating and pool operation may overlap, resulting in overestimate of baseload.

12.4.2.2 In homes with non-metered fuel (such as home heating oil and LP gas), collect at least 12 months of fuel delivery records. If the tank is not regularly filled to capacity, then baseload cannot be established by this method. If the tank is regularly filled to capacity, then create a timeline with the date and amount of fuel delivered. Use each delivered quantity and the time span between deliveries to calculate a per month average for each delivery and create a 12 month usage data set. The amount used during the warmest three months of the year, averaged over the rest of the year, multiplied by 1.1, is baseload. Use the following equation: 12 x 1.1 x (average of the three lowest months of gallons used) = baseload. Note: The degree of uncertainty in establishing non-grid connected baseload increases as the number of fuel delivery records decreases.

13.1 Record existing quantity and type of shower heads, toilets, faucets, etc. Determine if shower heads and toilets are low-flow or efficient devices. Determine if faucets are low flow or are equipped with aerators or water conserving design (for example, touch faucets or "WaterSense®" equipped). Note any observed water leaks from plumbing fixtures or leakage at toilet flapper valve/s in project documentation.

## Annex A | BPI-1200-S-201X Referenced Documents (Normative)

| | |
|---|---|
| ANSI ~~BSR~~/BPI-1100-T-2014~~x~~ Home Energy Auditing Standard | 2014~~x~~ |
| Procedures for Certifying Residential Energy Efficiency Tax Credits<br>RESNET Publication No 13~~06~~-001 Jan. 15, 2013~~Nov. 7, 2011~~ | 201~~1~~3 |

## Annex D | Action Levels for Spillage and Carbon Monoxide in Combustion Appliances (Normative)

TABLE D.1.A ACTION LEVELS FOR SPILLAGE IN COMBUSTION APPLIANCES

| TEST RESULT | ACTION REQUIRED |
|---|---|
| Greatest CAZ depressurization occurs with the air handler on* | Conduct further analysis of the distribution system to determine if leaky ducts or other HVAC-induced imbalances are the cause of the spillage. If so, recommend distribution system repairs that will reduce or eliminate the CAZ depressurization. |

## Annex E | Minimum Clearances to Combustible Materials (Normative)

**Table E.1. Minimum Clearances (in inches) to Combustible Materials for Unlisted Furnaces and Boilers**

**Table E.2. Minimum Clearances to Combustible Materials for Vent Connectors Attached to Appliances with Draft Hoods (in inches)**

# ASC Z97 ACCREDITED STANDARDS COMMITTEE

***Safety Requirements for Architectural Glazing Materials***

**Chairman:** K. Olah, 2300 Harmon Road, Auburn Hills, MI 48326, Phone: 248-340-2141; E-mail: kolah@guardian.com
**Secretary:** J.C. Schimmelpenningh, 730 Worcester Street, Springfield, MA 01151, Phone: 413-730-3413; E-mail: jcschi@eastman.com

## ASC Z97 PUBLIC NOTIFICATION
## February 5, 2015

The following modifications are being made to the recently balloted full standard of ANSI Z97.1. The full standard underwent public review and these are the substantive modifications from that ballot and review session.

These items contain documentation that was voted on at the October 2014 Full Committee meeting. The full standard did pass the committee balloting procedures. This item is being circulated for comment. The item is being presented as a resolution to a negative or persuasive comment that was submitted and voted upon by the members, their proxies or public commenters in attendance. This item contains just the section being modified. The following information is from the minutes of the meeting and contains the motion that necessitated this change and hence ballot.

**Item Number: B15-0131.01**
**Description: ANSI Z97.1-201X Standard – Section Modifications Only – Table 1 Notes**

**MOTION:** Amend the "X" from table 1 for Organic Coated Glass for thermal test 5.3 to state that it only applies when used for exterior glazing. Neumann/Smith 25 in favor, 0 opposed, 0 abstained.

Note – as an editorial we also accepted to change organic coated glass to organic coated glazing. This change is also indicated in this item.

**Table 1: Grouping of Tests for Safety Glazing Materials**

| Test | Glazing Type[1] | | | |
|---|---|---|---|---|
| | Laminated Glazings | Tempered Glass | Organic Coated Glazings | Plastic Glazing |
| Impact Test 5.1 | X | X | X | X |
| Center Punch Fragmentation Test 5.2 | | X[2] | | |
| Thermal Test 5.3 | X | | X[3] | |
| Weathering[4] Test 5.4 | X | | X[5] | X |
| Indoor aging Test 5.4.3 | X | | X | X |

| | | | | |
|---|---|---|---|---|
| Hardness Test 4.7, 5.1.4 (3) | | | | X[6] |
| Modulus Test 4.7, 5.1.4 (3) | | | | X[6] |

1 Bent and mirror glazing products shall be tested in accordance with requirements of the base-glazing product; see section 4.4
2 Center Punch Fragmentation test is used to evaluate the fracture pattern of tempered glass specimens that do not break during impact test of section 5.1.
3 Thermal test only applies to organic coated glazings when organic coated glazings are used for exterior glazing.
4 Weathering tests on laminated and organic coated glasses shall be performed on the thinnest construction of all components with clear glass, clear plastics and clear interlayers.
5 Mirror glazing products shall be tested in accordance with 5.4.3.6 Only required if breakage occurs under impact

**Item Number: B15-0131.02**
**Description: ANSI Z97.1-201X Standard – Section Modifications Only – 5.1.4**

**Motion:** Include Method A as presented by Neumann, without the note and adding the word individual. "…Additionally, if particles are detached from the test piece up to 3 min after impact, they shall, in total weigh no more than a mass equivalent of 15.5 in2 (10,000 mm2) of the original test piece. The single largest particle shall weigh less than a mass equivalent of 6.82 in2 (4,400 mm2) of the original test piece. Detached individual particles less than the mass equivalent of 1 in2 (650 mm2) shall be excluded from the fragment analysis."
Haberer/Smith 19 approved, 0 negative 4 abstain - motion passes. Abstentions: GANA, Pilkington, Oldcastle BE and Corning.

The pertinent section of 5.1.4 is as follows:

Type (1)
Upon impact, one or more cracks may appear. Fragments tend to be contained by the interlayer or adhesive like laminated or organic coated glazing.

Specimen Evaluation Criteria: No tear or shear or opening develops within the vertical specimen through which a 3.0 inch (76 mm) diameter sphere can pass using a horizontally applied force of 4.0 lb. (18 N) or less. Additionally, if particles are detached from the test piece up to 3 min after impact, they shall, in total weigh no more than a mass equivalent to 15.5 in2 (10, 000mm2) of the original test piece. The single largest particle shall weigh less than the a mass equivalent to 6.82 in2 (4,400 mm2) of the original test piece. Detached individual particles less than the mass equivalent of 1 in2 (650 mm2) shall be excluded from the fragment analysis.

**Item Number: B15-0131.03**
**Description: ANSI Z97.1-201X Standard – Section Modifications Only**

This item has been directed by Chair Olah. An inconsistency was found in Section 3 Definitions for "tempered glass" after the October 2-3, 2014 meeting. As consistency is important to the standard, and due to the other sections being balloted, the Chair felt it was appropriate to take the opportunity to clean this section up as well. Since this was not discussed, thus was not able to be deemed editorial at the meeting, it was determined to put this to a sectional ballot for full transparency.

The following is the change:

"See ASTM C1048 for additional information."

Rationale: As currently written in the standard, this can be interpreted that you must meet ALL the requirements in C1048, including placement of holes, etc. This is not the intent of the statement. The intent was to direct the user to the ASTM standard dealing with tempered glass and not to impose additional requirements set forth in an external standard.

The removal of the word "requirement" eliminates this issue and is thus being balloted as indicated above. This would therefore make this consistent with the definition of 'laminated glazing' where it states, "See ASTM C1172 for additional information."

**Item Number: B15-0131.04**
**Description: ANSI Z97.1-201X Standard – Section Modifications Only**

**Motion:** Add "or delaminations" and remove "or other defects" from 5.3.3.
Schimmelpenningh/Sowell – 22 approve-0 negative-1 abstain Motion passes

Section 5.3.3 is balloted as follows:

5.3.3 Interpretation of Results
The glass itself may crack in this test, but no bubbles or delaminations shall develop more than 0.5 inch (12 mm) from the outer edge of the specimen or from any crack that may develop. Any specimen in which the glass cracks to an extent confusing the results shall be discarded without prejudice, and another specimen shall be tested instead.

# NSF/ANSI Standard for Wastewater Technology – Disinfection Mechanics

## 1 General

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### 1.2 Scope

This Standard is intended for use with devices intended to disinfect wastewater after secondary treatment and prior to discharge from residential wastewater treatment systems having rated treatment capacities between 757 L/day (200 gal/day) and 5678 L/day (1500 gal/day) or commercial wastewater treatment systems having a rated treatment capacity exceeding 5678 L/day (1500 gal/day). This Standard also applies to devices intended to be used in water reclamation and reuse. Specific requirements exist for construction and testing of individual disinfection devices based on the ~~specific~~ technology used by the device. All Devices are required to be tested against the influent challenge water as specified in section 1.4 and to meet the minimum effluent quality requirements in accordance with 1.5. Devices shall be tested against the effluent requirements of this Standard unless the manufacturer requests certification under an effluent standard in NSF/ANSI 350 which is more stringent than this Standard.

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**Table 1 Influent Characteristics**

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|---|---|
| $CBOD_5$ | ≥ 10 and ≤ 25 mg/L |
| TSS | ≥ 10 and ≤ 30 mg/L |
| fecal coliform | $10^4$ to $10^6$ organisms/100 mL |
| pH | 6.0 to 9.0 |
| Temperature | 6 °C to 30 °C (42 °F to 86 °F) |
| Ammonia | ≥ 2.0 and ≤ 6.0 mg/L |
| UV transmittance of influent | 50 to 75% per cm |

NOTE – UV transmittance values above are for traditional aerobic treatment units.

Influent E. coli shall be measured every time an effluent sample is collected and corresponding values reported. Ammonia need not be tested for UV technologies and UV transmittance of influent need not be tested for any technology except UV.

Temperature, pH, Influent fecal coliform, and E. coli shall be based on grab samples collected during the testing periods. Influent water characteristics for all other parameters shall be based on 24 hour composite samples collected during testing periods. During maximum and minimum flow testing, the influent samples shall be collected during the time while dosing is active.

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### 1.6 Failure sensing and signaling equipment

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The visual and auditory signals shall continue to be functional in the event of an electrical, mechanical, or hydraulic malfunction of the disinfection device provided power is available to the system and shall resume all functions once power is restored following the power outage. This requirement does not mandate a battery back-up for the alarm system.

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**1.7 Flow design**
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The discharge of wastewater from access ports shall be permissible during ~~chlorine~~ disinfection device malfunction. NSF/ANSI 350 devices shall provide for the discharge of untreated water as specified in NSF/ANSI 350.
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## 2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the ~~editions~~ versions (if listed below) were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.
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## 3 Definitions
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**carbonaceous 5-day biochemical oxygen demand ($CBOD_5$):** The concentration of oxygen (expressed as mg/L) utilized by microorganisms in the non-nitrogenous oxidation of organic matter during a 5-d period at a temperature of 20 °C (68 °F).
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**chlorine disinfection:** Disinfection of wastewater by exposure of ~~to the~~ biological organisms to an aqueous form of chlorine.
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**commercial wastewater treatment system:** An organized and coordinated system of components that functions to treat all wastewater generated by a commercial facility.
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**disinfection:** The killing or inactivation of microbiological organisms by a chemical or physical process.

**E. coli (Escherichia coli):** The colon bacillus, a bacterium commonly found in warm blooded mammals. ~~that normally resides in the human colon.~~
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**flow capacity:** The rated flow for the disinfection device measured in gallons per day (gpd) (Liters per day [Lpd]) as defined by the manufacturer.

**flow rate:** The flow through a disinfection device measured as gallons per minute (gpm) (Liters per day [Lpd]).
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**permanently affixed:** The method to attach a label as required in this Standard that will at minimum require a tool to remove (e.g., a sticker or plate). Twist Ties and fasteners that are not UV stabilized are excluded from this definition. ~~This excludes twist ties and fasteners that are not UV stabilized.~~
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**residential wastewater treatment system:** An organized and coordinated system of components that functions to treat all wastewater generated by individual residence(s).

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**UV ~~absorbance and~~ transmittance:** The fraction of UV light ~~irradiation~~ at 254 nm remaining after passage through a 1.0 cm (0.4 inch) path length of a sample of water measured in percent. ~~that is absorbed or scattered in a solution or is transmitted a standard distance through a solution. UV absorbance and transmittance is expressed as a fraction per cm.~~

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### 6.4.2 Installation manual and service providers manual

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– instructions on repair or replacement in the event that a system possess flaws ~~flows~~ that inhibit proper functioning, and a list of sources where replacement components are obtainable; and

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#### 6.5.2.2 Life test microbiological sampling

Extreme care shall be taken in designing a sampling program and sample site for chlorine disinfected water. The sample point shall be immediately adjacent to the outlet flow of the chlorine disinfection device contact chamber. Sterile samples bottles and sterile sample collection techniques shall be used during sample collection.

Three microbiological organism samples shall be collected and analyzed three times per week over 30 days. Grab samples shall be collected at least 30 min after the start of the loading period. Samples shall be rotated in order of the loading periods per 6.5.2.1 so that one third of the samples shall be collected in each of the loading periods (6.5.2.1). At the three tests per week ratio, each loading period shall have a minimum of five samples (the final week contains only two days but three samples shall be collected during that week).

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#### 6.5.2.3~~3.2~~ Criteria

The geometric mean of microbiological organism concentration from all grab samples collected and analyzed under 6.5.2.2 shall meet the pass/fail criteria in 1.5.

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#### 6.5.3.1.4 Criteria

At the conclusion of the test, there shall be no visible signs of damage or structural change that adversely affect proper operation of any components of the chlorine disinfection device. The evaluation shall be performed following completion of the microbiological organism deactivation test, as specified in 6.5.3.

The geometric mean of microbiological organism concentration from all grab samples collected and analyzed under 6.5.3.1.3 shall meet the pass/fail criteria in 1.5.

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### 6.6.4 Method

1) Assemble the chlorine disinfection device in accordance with the manufacturer's instructions and set the delivery to 100% of its capacity.

2) Attach the chlorine disinfection device discharge line to the injection manifold.

3) Fill the 19 L (5 gal) container with water conditioned to the temperature specified in 6.6.3. Place the container on the scale and position the chlorine disinfection device 1.2 m (4 ft) above the water level in the container.

4) Fully prime the chlorine disinfection device according to the manufacturer's instructions.

5) Start the recirculation pump and adjust the back pressure to 80% of the maximum pressure specified on the manufacturer's delivery output data plate.

6) Note the weight ($W_1$) on the scale upon ~~while~~ starting the stopwatch. Allow the chlorine disinfection device to operate for 1 ± 0.1 h. Note the weight ($W_2$) on the scale upon ~~while~~ stopping the stopwatch, and record the duration of the test (time). Determine the density of the water at the test temperature (D).

7) Calculate the delivery in units of volume per unit of time as follows:

$$\text{Delivery} = [(W1 - W2) / D] / \text{time}$$

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# 7 Ultraviolet (UV) disinfection devices

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## 7.3 Flow delivery

Systems shall be classified as gravity flow or pumped delivery. The same system shall carry both classifications if proven to meet the respective criteria of this Standard for each delivery method.

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### 7.5.2 Installation manual and service providers manual

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– instructions on repair or replacement in the event that a system possess flaws ~~flows~~ that inhibit proper functioning, and a list of sources where replacement components are obtainable.

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### 7.6.1 Life test

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The UV disinfection device manufacturer shall specify the maximum and minimum gpm wastewater flow rates that the device including the integral contact chamber is designed to handle. If the UV disinfection device is capable of receiving influent both as pump-delivered flow and gravity-delivered flow, the manufacturer shall specify the minimum and maximum gpm wastewater flow rates for each delivery method. If there is a negative impact on the performance of the device from a zero flow condition, the manufacturer shall provide the minimum acceptable flow rate; otherwise the minimum flow rate shall be

no flow. The manufacturer shall specify the minimum and maximum design flow capacity of the device for both pumped and gravity fed systems, if applicable.

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#### 7.6.1.3 Microbiological organism deactivation test

Extreme care shall be taken in designing a sampling program and sample site for UV disinfected water. Since no residual remains when the sample is removed from the UV light exposure, re-growth of ~~or~~ organisms and contamination of samples in a testing environment is possible. The sample point shall be immediately adjacent to the outlet flow of the UV disinfection device. Sterile sample bottles and sterile sample collection techniques shall be used during sample collection.

### 7.6.2 Criteria

The geometric mean of microbiological organism concentration from all grab samples collected during the first 13 weeks of the life test shall meet the pass/fail criteria in 1.5. The geometric mean of microbiological organism concentration from all grab samples collected in the final 13 weeks of the life test shall meet the pass/fail criteria in 1.5.

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## 8 Ozone disinfection devices

### 8.1 Scope

This section establishes the requirements for ~~ozone disinfection~~ devices used to diffuse controlled amounts of ozone into the effluent of secondary treated wastewater for the purposes of disinfecting wastewater. ~~It is intended for devices that deliver ozone into a contact chamber for demonstrating microbiological organism reduction (hereafter referred to as an ozone disinfection device).~~

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#### 8.5.2 Installation manual

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– instructions on repair or replacement in the event that a system possess flaws ~~flows~~ that inhibit proper functioning, and a list of sources where replacement components are obtainable.

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#### 8.6.1.3 Criteria

The geometric mean of microbiological organism concentration from all grab samples collected and analyzed under 8.6.1.2 shall meet the pass/fail criteria in 1.5.

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**Tracking #170i18r1** **Revision to NSF/ANSI 170 – 2014**

**Issue 18, Revision 1 (February 2015)**



NSF International Standard
for Food Equipment –

# Glossary of food equipment terminology

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## 3 Definitions

**3.212 tray slide or rail:** A horizontal surface to accommodate the width of a tray, extended out from a buffet unit or cafeteria counter top. May be constructed of solid material, with or without raised edges, or of several rails or bars.

**3.213 unattended operation:** (as used in NSF/ANSI 7) A food establishment where consumer access to the facility is controlled, an employee of the establishment is not readily available, and food offerings are limited to packaged food from a licensed facility.

**3.2134 under bar equipment:** Equipment under the bar top including, but not limited to, sinks, drainboards, cocktail mix stations, ice storage chests, beverage coolers, and glass washers, on the operator's side.

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***Note: subsequent definitions alphabetically positioned after "Unattended operation" will have their respective reference numbers increased by "1". The presented example above is the term "under bar equipment" changing from 3.213 to 3.214.***

## BSR/UL 213C, Standard for Safety for Grooved and Plain End Fittings

### 1. Clarification of Marking Requirements in Paragraphs 13.2 and 13.3 of UL 213C

### PROPOSAL

13.2 The markings required by 13.1 (a), (b), ~~and~~ (c) and (d) shall be included in the form of legible letters and figures on the fitting casting or on an etched or stamped brass or equivalently corrosion-resistant metal nameplate permanently attached to the fitting.

13.3 For fittings fabricated from steel pipe, the markings required by 13.1 (a), (b), ~~and~~ (c) and (d) shall be permitted to be paint or ink stenciled or by roller wheel.

**BSR/UL 325, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems**

**15. Vertical Photoelectric Arrays**

**PROPOSAL**

36A.1 A vertical array shall be tested as required by Photoelectric Sensors, Section 36, except as noted in 36A.2 - ~~36A.4~~ 36A.5.

36A.5 When conducting the Ambient Light Test, Section 36.4, the position of the light source shall be aligned per 36.4.2 based on the axis of the lowest beam or detection zone. This arrangement shall be used to determine compliance with 36A.4, and with 36A.2 with the obstruction at the floor/ground level, which are the only conditions for which the ambient light is required to be applied.

**24. Guarding for Moving Parts of Operators Installed Less than 8 feet**

**PROPOSAL**

61.5.1 A commercial/industrial door operator shall be marked to indicate that the operator is to be mounted more than 8 ft (2.44 m) above the floor if it has exposed moving parts capable of causing injury to person or employs a motor deemed indirectly accessible by 9.6 by virtue of its location above the floor. ~~It shall also be marked to indicate that moving parts must be covered or guarded when it is mounted less than 8 ft (2.44 m) above the floor.~~ Alternatively, an operator with exposed moving parts shall be marked to indicate that covers or guarding, provided by the manufacturer, must be installed when the operator is mounted less than 8 ft (2.44 m) above the floor.

**BSR/UL 1449, Standard for Safety for Surge Protective Devices**

**5. Definition and Clarification of the Use of Cheesecloth and Tissue Paper**

36.2.5 When the use of tissue paper is specified, the paper shall be white~~, soft and strong,~~ wrapping paper of grammage generally between 12 g/m$^2$ and 30 g/m$^2$~~, primarily intended for protective packaging of delicate articles and for gift wrapping~~.

**9. Clarification of Requirements for SPDs Intended for Rack Mounting**

80.36 A rack-mounted cord-connected Type 3 SPD for use in a portable equipment shall be marked "For use only in a portable equipment rack."