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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: July 8, 2012

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

Addenda

BSR/ASHRAE Addendum 170j-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

This proposed addendum adds filtration requirements for certain types of residential health care facilities.

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

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

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

Addenda

BSR/ASHRAE Addendum 170t-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

This proposed addendum updates references to the Guidelines for Design and Construction of Health Care Facilities.

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

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

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

Addenda

BSR/ASHRAE Addendum 170u-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

This proposed addendum clarifies notes q and w to Table 7-1, Design Parameters.

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

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

NSF (NSF International)

Revision

BSR/NSF 61-2012 (i103), Drinking water system components - Health effects (revision of ANSI/NSF 61-2011)

The proposed revision is to provide a normalization example of a 1/2-inch ball valve following exposure in a 1-L test assembly under Annex B of ANSI/NSF 61.

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61058-1-201x, Switches for Appliances - Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 61058-1-2009a)

- (1) National differences for the use of thermoset material;
- (2) RTI clarification text and instructions on thickness of material; and
- (3) Clarification of DVB.4.1.

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

Send comments (with copy to psa@ansi.org) to: Megan VanHeirseesele, (847) 664-2881, Megan.M.VanHeirseesele@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 153-201X, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2011a)

The following topics for the Standard for Portable Electric Luminaires, UL 153, are being recirculated:

- (1) Add definitions for interconnected units and interconnecting cords; and
- (2) Clarify Class 2 circuit enclosure exemption in 9.5 to correlate with 38.2.

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

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 676-201x, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes (revision of ANSI/UL 676-2011)

Recirculation of proposals to clarify the corrosion resistance requirements and to specify requirements for power units for use with swimming pool and spa luminaires.

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

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@ul.com

Comment Deadline: July 23, 2012

ASA (ASC S3) (Acoustical Society of America)

New National Adoption

BSR/ASA S3.42-201X/Part 2/ IEC 60118-15:2012, Testing Hearing Aids - Part 2: Methods for characterizing signal processing in hearing aids with a speech-like signal (identical national adoption of IEC 60118-15:2012)

This standard describes a recommended speech-like test signal, the International Speech Test Signal (ISTS), and a method for the characterization of hearing aids using this signal with the hearing aid set to actual user settings or to the manufacturers' recommended settings for one of a range of audiograms. For the purposes of this standard, the hearing aid is considered to be a combination of the physical hearing aid and the fitting software that accompanies it.

Single copy price: \$166.00

Obtain an electronic copy from: asastds@aip.org

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

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

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

BSR/ASME B16.33-201x, Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 PSI (revision of ANSI/ASME B16.33-2002 (R2007))

This Standard covers requirements for manually operated metallic valves sizes NPS 1/2 through NPS 2, for outdoor installation as gas shut-off valves at the end of the gas service line and before the gas regulator and meter where the designated gauge pressure of the gas piping system does not exceed 175 psi (12.1 bar). The Standard applies to valves operated in a temperature environment between -20°F and 150°F (-29°C and 66°C).

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Frankel Huang, (212) 591-2000, HuangF@asme.org

ASTM (ASTM International)**New Standard**

BSR/ASTM WK12052-201x, Test Method for Evaluating the Under-Deck Fire Test Response of Deck Materials (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK21343-201x, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Flames Resulting from Wildfire (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$57.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E662-201x, Test Method For Specific Optical Density Of Smoke Generated By Solid Materials (revision of ANSI/ASTM E662-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$57.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E1317-201x, Test Method for Flammability of Marine Surface Finishes (revision of ANSI/ASTM E1317-2008a)

http://www.astm.org/ANSI_SA

Single copy price: \$46.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E1995-201x, Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, with the Test Specimen Oriented Horizontally (revision of ANSI/ASTM E1995-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$57.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2404-201x, Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) Wall or Ceiling Coverings to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2404-2010)

http://www.astm.org/ANSI_SA

Single copy price: \$35.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2579-201x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2011)

http://www.astm.org/ANSI_SA

Single copy price: \$35.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2726-201x, Test Method for Evaluating the Fire-Test-Response of Deck Structures to Burning Brands (revision of ANSI/ASTM E2726-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$40.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org

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BHMA (Builders Hardware Manufacturers Association)**Revision**

BSR/BHMA A156.31-201x, Electric Strikes and Frame Mounted Actuators (revision of ANSI/BHMA A156.31-201x)

ANSI/BHMA A156.31 establishes requirements for electric strikes and frame-mounted actuators, and includes operational and finish tests.

Single copy price: 18.00 (BHMA members)/\$36.00 (nonmembers)

Order from: Michael Tierney, (212) 297-2127, mtierney@kellenccompany.com

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

HI (Hydraulic Institute)**New Standard**

BSR/HI 7.6-200x, Controlled Volume Metering Pumps - Test (new standard)

This standard is applicable to Controlled Volume Metering Pumps, CVMP, (also known as metering pumps, proportioning pumps, chemical injection/feed pumps, or dosing pumps), which are driven by power from an outside source. The standard applies to the mechanical pump performance test, NPSH test, and the recording to the test results for CVMP.

Single copy price: \$70.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, (973) 267-9700 Ext 123, kanderson@pumps.org

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

HI (Hydraulic Institute)**Revision**

BSR/HI 2.3-201X, Rotodynamic (Vertical) Pumps for Design and Application (revision of ANSI/HI 2.3-2008)

This standard provides the reader with information regarding the application of centrifugal and regenerative turbine pumps of all industrial/commercial types except vertical single and multistage diffuser types, for various services. No attempt has been made to cover all phases of Rotodynamic (vertical) pump application, but an endeavor has been made to point out some of the principal features of pumps and the precautions that should be taken in their use.

Single copy price: \$130.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, (973) 267-9700 Ext 123, kanderson@pumps.org

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

INMM (ASC N14) (Institute of Nuclear Materials Management)**New Standard**

BSR N14.6-200x, Special Lifting Devices for Shipping Containers Weighing 10,000 Pounds (4,500 kg) or More (new standard)

This standard sets forth requirements for the design, fabrication, testing, continuing compliance, operations, maintenance and repair, and quality assurance programs for special lifting devices for containers weighing 10,000 pounds (4,500 kg) or more for radioactive materials, and for those features of the attachment members of the container that affect the function and safety of the lift.

Single copy price: Free

Obtain an electronic copy from: N14Secretary@yahoo.com

Order from: Ronald Natali, (435) 258-3730, rbnatali1@yahoo.com

Send comments (with copy to psa@ansi.org) to: N14Secretary@yahoo.com

INMM (ASC N14) (Institute of Nuclear Materials Management)**New Standard**

BSR N14.7-200x, Guidance for Packaging Type A Quantities of Radioactive Materials (new standard)

This standard is limited to Type A activity values of radioactive materials packaged in a Type A packaging in compliance with applicable DOT regulations. The scope does not include Type A packaging containing fissile material in accordance with 10 CFR 71.55 that requires a certificate of compliance from the NRC or DOE.

Single copy price: Free

Obtain an electronic copy from: N14Secretary@yahoo.com

Order from: Ronald Natali, (435) 258-3730, N14Secretary@yahoo.com

Send comments (with copy to psa@ansi.org) to: N14Secretary@yahoo.com

INMM (ASC N14) (Institute of Nuclear Materials Management)**New Standard**

BSR N14.36-200x, Measurement of Radiation Level and Surface Contamination for Packages and Conveyances (new standard)

This standard sets forth methods for radiation and contamination measurement for packaging and transportation of radioactive material by all transportation modes and during all phases of transportation activities. The objective of this standard is to provide users with an approach to conformance with regulations that control residual surface contamination and external radiation of shipping packages and conveyances.

Single copy price: Free

Obtain an electronic copy from: N14Secretary@yahoo.com

Order from: Ronald Natali, (435) 258-3730, rbnatali1@yahoo.com

Send comments (with copy to psa@ansi.org) to: N14Secretary@yahoo.com

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

New Standard

BSR INCITS 505-201x, Information technology - SAS Protocol Layer - 2 (SPL-2) (new standard)

The SCSI family of standards provides for many different transport protocols that define the rules for exchanging information between different SCSI devices. This standard defines the rules for exchanging information between SCSI devices using a serial interconnect. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Stabilized Maintenance

BSR INCITS 199-1991 (S201x), Information Systems - 356-mm Optical Disk Cartridge (Write-Once) - Test Methods for Media Characteristics (stabilized maintenance of ANSI INCITS 199-1991 (R2007))

Specifies test methods for media characteristics of 356-mm nominal diameter optical disk cartridges used for information processing systems and for information storage.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR INCITS 212-1992 (S201x), Information Systems - 130-mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of ANSI INCITS 212-1992 (R2007))

The standard specifies the characteristics of 130-mm optical disk cartridges (ODC) of the type providing for information to be written, read, and erased many times using the magneto-optical effect.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR INCITS 214-1992 (S201x), Information Systems - 130-mm Write-Once Optical Disk Cartridge Using Sampled Servo and 4/15 Encoding (stabilized maintenance of ANSI INCITS 214-1992 (R2007))

This standard specifies the characteristics of 130-mm optical disk cartridges (ODC) of the type providing for information to be written once and read many times.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR INCITS 220-1992 (S201x), Information Systems - Digital Information Interchange 130-mm Optical Disk Cartridges of the Write-Once, Read Multiple (WORM) Type, Using the Magnetic-Optical Effect (stabilized maintenance of ANSI INCITS 220-1992 (R2007))

This standard specifies the characteristics of 130-mm optical disk cartridges (ODC) of the Write Once Multiple (WORM) type, which provides for the disk to be initialized once, and the information to be written once only and read many times using the magnet.

Single copy price: \$30.00

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

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

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

Stabilized Maintenance

BSR/INCITS/ISO 7487-2-1985 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftpard, 1,9 tpm (48 tpi), on Both Sides - Part 2: Track Format A (stabilized maintenance of INCITS/ISO 7487-2-1985 (R2007))

This part of ISO 7487 specifies the quality of recorded signals, the track layout, and a track format to be used on such a flexible disk cartridge, which is intended for data interchange between data processing systems.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO 9529-2-1989 (S201x), Information Processing Systems - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15 916 ftprad on 80 tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO 9529-2-1989 (R2007))

This part of ISO/IEC 9529 specifies the track layout, the track format and the characteristics of the recorded signals.

Single copy price: \$30.00

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

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Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 6596-2-1985 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges using Two-Frequency Recording at 7 958 ftprad, 1,9 tpm (48 tpi), on One Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 6596-2-1985 (R2007))

This part of ISO 6596 specifies the magnetic characteristics, the track layout, and a track format to be used on a 130-mm (5.25-in) flexible disk cartridge, recorded at 7 958 ftprad on one side using two-frequency recording at a track density of 1,9 tracks per millimetre (tpmm) [48 tracks per inch (tpi)], which is intended for data interchange between data processing systems.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 7487-3-1986 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad, 1,9 tpm (48 tpi), on both sides - Part 3: Track Format B (stabilized maintenance of INCITS/ISO/IEC 7487-3-1986 (R2007))

This part of ISO 7487 specifies the quality of recorded signals, the track layout, and a track format to be used on 130-mm (5.25-in) flexible disk cartridges intended for data interchange between data processing systems.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 8630-2-1987 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 2: Track format A for 77 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-2-1987 (R2007))

This part of ISO 8630 specifies the quality of recorded signals, the track layout, and a track format to be used on 130-mm (5.25-in), 13 262 ftprad flexible disk cartridges intended for data interchange between data processing systems.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 8630-3-1987 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 3: Track Format B for 80 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-3-1987 (R2007))

This part of ISO 8630 specifies the quality of recorded signals, the track layout, and a track format to be used on 130-mm (5.25-in), 13 262 ftprad flexible disk cartridges intended for data interchange between data processing systems.

Single copy price: \$30.00

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 8860-2-1987 (S201x), Information Processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad on 80 Tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 8860-2-1987 (R2007))

This part of ISO 8860 specifies the track layout, the track format and the characteristics of recorded signals.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 10994-1992 (S201x), Information Technology - Data Interchange on 90mm Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 31 831 ftprad on 80 Tracks on Each Side - ISO Type 303 (stabilized maintenance of INCITS/ISO/IEC 10994-1992 (R2007))

This standard specifies the characteristics of 90-mm flexible disk cartridges recorded at 31 831 ftprad using modified frequency modulation recording, on 80 tracks on each side. Such flexible disk cartridges are identified as ISO Type 303.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 14169-1995 (S201x), Information Technology - 90 mm Flexible Disk Cartridges for Information Interchange - 21 Mbytes Formatted Capacity - ISO Type 305 (stabilized maintenance of INCITS/ISO/IEC 14169-1995 (R2007))

Specifies the characteristics of 90-mm flexible disk cartridges (FDC) of 21 Mbytes formatted capacity recorded at 31 831 ftprad in the Inner Zone and 47 747 ftprad in the Outer Zone with sector servo tracking on 326 data tracks on each side, using 2-7 RLL recording.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 14517-1996 (S201x), Information technology - 130 mm optical disk cartridges for information interchange - Capacity: 2,6 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 14517-1996 (R2007))

Defines a series of related 130-mm optical disk cartridges (ODCs). Gives the conditions for conformance testing and the Reference Drive, mechanical, physical and dimensional characteristics, the format of the information, the magneto-optical characteristics and the minimum quality of user-written data.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 15041-1997 (S201x), Information Technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 640 Mbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 15041-1997 (R2007))

Defines the characteristics of 90-mm Optical Disk Cartridges (ODC) with a capacity of 640 Mbytes per Cartridge. The Standard specifies five related, but different, implementations of such cartridges.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 15898-1998 (S201x), Information Technology - 356 Optical Disk Cartridges, Extended Capacity, Using Phase Change Technology for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 15898-1998 (R2007))

Specifies the characteristics of 356-mm Optical Disk Cartridges (ODCs) of the type providing for information to be written once and read many times.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 16448-2002 (S201x), Information Technology - 120 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16448-2002 (R2007))

Specifies the mechanical, physical and optical characteristics of a 120-mm, read-only optical disk to enable the interchange of such disks. This standard specifies the quality of the recorded signals, the format of the data, and the recording method, thereby allowing for information interchange by means of such disks.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 16449-2002 (S201x), Information Technology - 80 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16449-2002 (R2007))

Specifies the mechanical, physical, and optical characteristics of a 80-mm, read-only optical disk to enable the interchange of such disks. This standard specifies the quality of the recorded signals, the format of the data, and the recording method, thereby allowing for information interchange by means of such disks.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 20563-2001 (S201x), Information technology - 80 mm (1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-recordable disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 20563-2001 (R2007))

Specifies the mechanical, physical, and optical characteristics of an 80-mm and a 120-mm DVD-Recordable disk to enable the interchange of such disks. This standard specifies the quality of the pre-recorded, unrecorded, and the recorded signals; the format of the data; the format of the information zone; the format of the unrecorded zone; and the recording method; thereby allowing for information interchange by means of such disks.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 22092-2002 (S201x), Information Technology - Data Interchange on 130 mm Magneto-Optical Disk Cartridges - Capacity: 9,1 Gbytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 22092-2002 (R2007))

Specifies the mechanical, physical, and optical characteristics of a 130-mm optical disk cartridge (ODC) that employs thermo-magnetic and magneto-optical effects to enable data interchange between such disks. This International Standard specifies two types, viz. Type R/W provides for data to be written, read, and erased many times over the recording surface(s) of the disk.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

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

Withdrawal

ANSI INCITS 387-2004, Information technology - Fibre Channel - Generic Services - 4 (FC-GS-4) (withdrawal of ANSI INCITS 387-2004)

FC-GS-4 describes in detail the basic Fibre Channel services introduced in FC-FS. The Fibre Channel services described in this document are:

- (a) Directory Service;
- (b) Management Service; and
- (c) Alias Service.

In addition, to the aforementioned Fibre Channel services, the Common Transport (CT) protocol is described. The Common Transport service provides a common FC-4 for use by the Fibre Channel services.

Single copy price: \$30.00

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

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

LIA (ASC Z136) (Laser Institute of America)

New Standard

BSR Z136.9-201x, Safe Use of Lasers in Manufacturing Environments (new standard)

This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm, used in the manufacturing environment. Laser applications in the manufacturing environment include, but are not limited to:

- laser alignment;
- leveling;
- inventory;
- metrology;
- fabrication;
- material processing; and
- machine vision.

Single copy price: \$30.00

Obtain an electronic copy from: bsams@lia.org

Order from: Barbara Sams, (407) 380-1553, bsams@lia.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Audit Transaction v2.0-201x, Audit Transaction Standard Version 2.0-201x (revision and redesignation of ANSI/NCPDP Audit Transaction v1.0-2011)

The NCPDP Audit Transaction Standard Implementation Guide was developed to meet the industry needs for electronic communication for audit requests, responses, and final outcomes especially as they affect the pharmacy industry.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncpdp.org

Order from: Kitty Krempin, (512) 291-1356, kkrempin@ncpdp.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP FB v4.0-201x, NCPDP Formulary and Benefit Standard v4.0-201x (revision and redesignation of ANSI/NCPDP FB v3.0-2011)

Formulary and Benefit Standard provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP MS v4.0-201x, NCPDP Medicaid Subrogation Implementation Guide v4.0-201x (revision and redesignation of ANSI/NCPDP MS V3.0-2007)

The standard is intended to meet an industry need to standardize communication of claim information from the payer of last resort to other payers.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP MR v06.00-201x, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v06.00-201x (revision and redesignation of ANSI/NCPDP MR v05.01-2011)

The Standard provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs). The four (4) file formats are intended to be used in an integrated manner, with the utilization file being supported by the plan, formulary, and market basket files. However, any of the four (4) files may be used independently. The Standard Flat File layouts provide detailed information on the file design and requirements for each of the four (4) files.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Medical Rebate Standard v02.00-201x, NCPDP Medical Rebate Data Submission Implementation Guide v02.00-201x (revision and redesignation of ANSI/NCPDP Medical Rebate Standard v01.00-2011)

The purpose of the medical rebate template is to provide a uniform data format for health plans' rebate submissions to multiple manufacturers throughout the industry. Implementation of the medical template also eliminates the need for manufacturers to create internal mapping processes to standardize unique data formats from each health plan or third party administrator.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP PA Transfer v2.0-201x, NCPDP Prior Authorization Transfer Standard v2.0-201x (revision and redesignation of ANSI/NCPDP PA Transfer v1.0-2009)

The NCPDP Prior Authorization Transfer Standard Implementation Guide was developed to define the file format and correct usage for electronically transferring existing prior authorization data between payer/processors. This standard can be used between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Post Adj v4.0-201x, NCPDP Post Adjudication Standard v4.0-201x (revision and redesignation of ANSI/NCPDP Post Adj v3.1-201x)

The goal of this implementation guide is to support the development of a common format for post-adjudicated pharmacy claim data, which is used to meet the needs of the pharmacy industry to support the communication of patient pharmacy transaction data. The implementation of this standard will provide administrative efficiencies and allow for an industry standard to be used for all entities sharing historical health care data.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Prescription Transfer Standard v3.0-201x, NCPDP Prescription Transfer Standard v3.0-201x (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v2.0-2010)

The basic function of the Prescription Transfer Standard is to be able to transfer prescription data in a standardized layout. Two layouts, a fixed-length and a variable-length format, were developed to provide more flexibility in the amount of data that needs to be transferred without making it a requirement in all cases. Both layouts include data elements required for the transfer of prescription data.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP RDS Standard v2.0-201x, NCPDP Retiree Drug Subsidy Standard Implementation Guide v2.0-201x (revision and redesignation of ANSI/NCPDP RDS Standard v1.0-2011)

The NCPDP Retiree Drug Subsidy Standard Implementation Guide assists in the automation of summarized drug cost and related data transfer from one processor/pharmacy benefit manager to another processor/pharmacy benefit manager for continuation of the CMS Retiree Drug Subsidy (RDS) cost data reporting by the receiving entity. This document pertains to subsidy data transfers from one processor/pharmacy benefit manager to another processor/pharmacy benefit manager during the middle of a subsidy plan/reporting year.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP SC WG110051201xxx#, NCPDP SCRIPT Standard 201xxx# (revision and redesignation of NCPDP SC WG110050201xxx#)

The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Specialized Standard WG110051201xxx#, NCPDP Specialized Standard 201xxx# (revision and redesignation of NCPDP Specialized Standard WG110050201xxx#)

The NCPDP Specialized Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP TC vE.0-201x, NCPDP Telecommunication Standard vE.0-201x (revision and redesignation of ANSI/NCPDP TC vD.9-2012)

The standard supports the format for electronic communication of pharmacy service-related billing, prior-authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content, the transmission protocol and other appropriate telecommunication requirements.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSRI/Uniform Healthcare Payer Data Standard v2.0-2011, NCPDP Uniform Healthcare Payer Data Standard Implementation Guide v2.0-201x (revision and redesignation of ANSI/Uniform Healthcare Payer Data Standard v1.0-2011)

This implementation guide is to support the development of a common format for pharmacy claim data, which is used to meet the needs of the pharmacy industry to support the reporting requirements of claim data to states or their designees. The implementation of this standard will provide administrative efficiencies and allow for an industry standard to be used for all entities sharing historical health care data.

Single copy price: \$200.00 (nonmembers)

Obtain an electronic copy from: kkrempin@ncdpd.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncdpd.org

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

OPEI (Outdoor Power Equipment Institute)**Revision**

BSR/OPEI B71.10-201X, Small Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Performance Specifications and Test Procedures (revision of ANSI/OPEI B71.10-2008)

This standard will be the first revision of ANSI/OPEI B71.10-2008. This standard describes performance based test procedures applicable to the gasoline fuel systems for small off-road ground-supported outdoor power equipment with spark ignition engines of less than one liter displacement. Revisions have been made to the fuel overfill test, the fuel tank leak test, other leak test procedures, the fuel tank elevated temperature fuel soak test for linear HDPE fuel tanks, and the fuel line assembly tensile test.

Single copy price: Free

Obtain an electronic copy from: kwoods@opei.org

Order from: Kathleen Woods, (703) 549-7600, ext. 24, KWoods@opei.org

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

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

BBSR/SCTE 130-9-201x, Recommended Practices for SCTE 130 Digital Program Insertion - Advertising Systems Interfaces (new standard)

This document is an informational companion to the SCTE 130 suite of standards. It is not in itself a specification or a standard. The information within is intended as guidelines and recommendations for implementers of the standard.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 177-201x, Specification for 75 ohm, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI Cables (new standard)

This specification defines the required performance with regards to electrical and mechanical properties of 75-ohm, braided, mini-series quad shield coaxial cable for CMTS and SDI applications.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 130-1-201x, Digital Program Insertion - Advertising Systems Interfaces - Part 1: Advertising Systems Overview (revision of ANSI/SCTE 130-1-2008)

This document presents concepts applicable to all other SCTE 130 parts, leaving most of the normative details to the individual documents. This document also formalizes the collection of SCTE 130 standards that interoperate together.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 130-4-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 4: Content Information Service (CIS) (revision of ANSI/SCTE 130-4-2009)

This document, SCTE 130 Part 4, describes the Digital Program Insertion Advertising Systems Interfaces' Content Information Service (CIS) messaging and data type specification using XML, XML Namespaces, and XML Schema.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 130-8-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2011)

This document, SCTE 130 Part 8, describes the Digital Program Insertion Advertising Systems Interfaces' General Information Service (GIS) messaging and data type specification using XML, XML Namespaces, and XML Schema.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 570-C-201x, Residential Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 570-B-2010)

ANSI/TIA-570-B, published in 2004 and reaffirmed in 2010, is due for revision. The revision will include content from Addendum 1, modifications to harmonize with ANSI/TIA-568-C series and draft ANSI/TIA-569-C, and information on new technologies or advancements.

Single copy price: \$108.00

Obtain an electronic copy from: TIA

Order from: TIA

Send comments (with copy to psa@ansi.org) to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

Projects Withdrawn from Consideration

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

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

BSR C63.2-200x, Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz - Specifications (new standard)

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

BSR C63.2-1996 (R200x), Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz - Specifications (new standard)

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

BSR C63.6-1996 (R200x), Guide for the Computation of Errors in Open-Area Test Site Measurements (new standard)

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

BSR C63.022-200x, Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment (withdrawal of ANSI C63.022-1996)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ANSI INCITS 378-2009, Information technology - Finger Minutiae Format for Data Interchange

ANSI/UL 372-2007, Automatic electrical controls for household and similar use - Part 2: Particular requirements for burner ignition systems and components

ANSI/UL 1746-2007, Standard for Safety for External Corrosion Protection Systems for Steel Underground Storage Tanks, UL 1746

Call for Members (ANS Consensus Bodies)

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

ASA (ASC S2) (Acoustical Society of America)

Office: 35 Pinelawn Road, Suite 114E
Suite 114E
Melville, NY 11747

Contact: Susan Blaeser

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S2.73-201x/ISO 10819:201X, Mechanical vibration and shock - Hand-arm vibration - Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (identical national adoption and revision of ANSI S2.73-2002 (R2007) /ISO 10819:1996 (R2007))

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Avenue, 15th Floor
New York, NY 10017

Contact: Dana O'Donnell

Phone: (212) 297-2127

Fax: (212) 370-9047

E-mail: dodonnell@kellencompany.com

BSR/BHMA A156.13-201x, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2005)

BSR/BHMA A156.18-201x, Materials and Finishes (revision of ANSI/BHMA A156.18-2006)

BSR/BHMA A156.20-201x, Strap and Tee Hinges, and Hasps (revision of ANSI/BHMA A156.20-1989 (R1996))

BSR/BHMA A156.26-201x, Continuous Hinges (revision of ANSI/BHMA A156.26-2006)

BSR/BHMA A156.29-201x, Exit Locks, Exit Alarms, Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2007)

HI (Hydraulic Institute)

Office: 6 Campus Drive, 1st Fl North
Parsippany, NJ 07054

Contact: Gregory Romanyshyn

Phone: (973) 267-9700

Fax: (973) 267-9055

E-mail: gromanyshyn@pumps.org

BSR/HI 2.3-201X, Rotodynamic (Vertical) Pumps for Design and Application (revision of ANSI/HI 2.3-2008)

BSR/HI 7.6-200x, Controlled Volume Metering Pumps - Test (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: dspittle@itic.org

ANSI INCITS 387-2004, Information technology - Fibre Channel - Generic Services - 4 (FC-GS-4) (withdrawal of ANSI INCITS 387-2004)

BSR INCITS 199-1991 (S201x), Information Systems - 356-mm Optical Disk Cartridge (Write-Once) - Test Methods for Media Characteristics (stabilized maintenance of ANSI INCITS 199-1991 (R2007))

BSR INCITS 212-1992 (S201x), Information Systems - 130-mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of ANSI INCITS 212-1992 (R2007))

BSR INCITS 214-1992 (S201x), Information Systems - 130-mm Write-Once Optical Disk Cartridge Using Sampled Servo and 4/15 Encoding (stabilized maintenance of ANSI INCITS 214-1992 (R2007))

BSR INCITS 220-1992 (S201x), Information Systems - Digital Information Interchange 130-mm Optical Disk Cartridges of the Write-Once, Read Multiple (WORM) Type, Using the Magnetic-Optical Effect (stabilized maintenance of ANSI INCITS 220-1992 (R2007))

BSR INCITS 505-201x, Information technology - SAS Protocol Layer - 2 (SPL-2) (new standard)

BSR/INCITS/ISO 7487-2-1985 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftpard, 1,9 tpm (48 tpi), on Both Sides - Part 2: Track Format A (stabilized maintenance of INCITS/ISO 7487-2-1985 (R2007))

BSR/INCITS/ISO 9529-2-1989 (S201x), Information Processing Systems - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15 916 ftpard on 80 tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO 9529-2-1989 (R2007))

BSR/INCITS/ISO/IEC 6596-2-1985 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges using Two-Frequency Recording at 7 958 ftpard, 1,9 tpm (48 tpi), on One Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 6596-2-1985 (R2007))

BSR/INCITS/ISO/IEC 7487-3-1986 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftpard, 1,9 tpm (48 tpi), on both sides - Part 3: Track Format B (stabilized maintenance of INCITS/ISO/IEC 7487-3-1986 (R2007))

BSR/INCITS/ISO/IEC 8630-2-1987 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 2: Track format A for 77 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-2-1987 (R2007))

BSR/INCITS/ISO/IEC 8630-3-1987 (S201x), Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 3: Track Format B for 80 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-3-1987 (R2007))

BSR/INCITS/ISO/IEC 8860-2-1987 (S201x), Information Processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad on 80 Tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 8860-2-1987 (R2007))

BSR/INCITS/ISO/IEC 10994-1992 (S201x), Information Technology - Data Interchange on 90mm Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 31 831 ftprad on 80 Tracks on Each Side - ISO Type 303 (stabilized maintenance of INCITS/ISO/IEC 10994-1992 (R2007))

BSR/INCITS/ISO/IEC 14169-1995 (S201x), Information Technology - 90 mm Flexible Disk Cartridges for Information Interchange - 21 Mbytes Formatted Capacity - ISO Type 305 (stabilized maintenance of INCITS/ISO/IEC 14169-1995 (R2007))

BSR/INCITS/ISO/IEC 14517-1996 (S201x), Information technology - 130 mm optical disk cartridges for information interchange - Capacity: 2,6 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 14517-1996 (R2007))

BSR/INCITS/ISO/IEC 15041-1997 (S201x), Information Technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 640 Mbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 15041-1997 (R2007))

BSR/INCITS/ISO/IEC 15898-1998 (S201x), Information Technology - 356 Optical Disk Cartridges, Extended Capacity, Using Phase Change Technology for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 15898-1998 (R2007))

BSR/INCITS/ISO/IEC 16448-2002 (S201x), Information Technology - 120 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16448-2002 (R2007))

BSR/INCITS/ISO/IEC 16449-2002 (S201x), Information Technology - 80 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16449-2002 (R2007))

BSR/INCITS/ISO/IEC 20563-2001 (S201x), Information technology - 80 mm (1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-recordable disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 20563-2001 (R2007))

BSR/INCITS/ISO/IEC 22092-2002 (S201x), Information Technology - Data Interchange on 130 mm Magneto-Optical Disk Cartridges - Capacity: 9,1 Gbytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 22092-2002 (R2007))

BSR/INCITS/ISO/IEC 17345:2006-2007 (R201x), Information technology - Data Interchange on 130 mm Rewritable and Write Once Read Many Ultra Density Optical (UDO) Disk Cartridges - Capacity: 30 Gbytes per Cartridge - First Generation (reaffirmation of INCITS/ISO/IEC 17345:2006-2007)

INCITS/ISO/IEC 14776-372-2011, Information technology - Small Computer System Interface (SCSI) - Part 372: SCSI Enclosure Services - 2 (SES-2) (identical national adoption of ISO/IEC 14776-372:2011)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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BSR C136.44-201x, Roadway and Area Lighting Equipment - Side-mounted Security Luminaires with External Ballast or Driver (new standard)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Kathleen Woods*

Phone: (703) 549-7600, ext. 24

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E-mail: KWoods@opei.org

BSR/OPEI B71.10-201X, Small Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Performance Specifications and Test Procedures (revision of ANSI/OPEI B71.10-2008)

TIA (Telecommunications Industry Association)

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Arlington, VA 22201

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Fax: (703) 907-7727

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BSR/TIA 570-C-201x, Residential Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 570-B-2010)

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.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 25539-3-2012, Cardiovascular implants - Endovascular devices - Part 3: Vena Cava Filters (identical national adoption of ISO 25539-3): 6/5/2012

Reaffirmation

ANSI/AAMI/ISO 10993-7-2008 (R2012), Biological evaluation of medical devices - Part 7: Ethylene oxide sterilization residuals (reaffirmation of ANSI/AAMI/ISO 10993-7-2008): 6/1/2012

ABYC (American Boat and Yacht Council)

New Standard

* ANSI/ABYC A-32 2012, AC Power Conversion Equipment and Systems (new standard): 5/30/2012

ANSI/ABYC H-8-2012, Buoyancy in the Event of Swamping (new standard): 6/5/2012

ANSI/ABYC S-30-2012, Outboard Engine and Related Equipment Weights (new standard): 6/5/2012

ADA (American Dental Association)

New National Adoption

ANSI/ADA Specification No. 127-2012 (ISO 14801), Fatigue Testing for Endosseous Dental Implants (identical national adoption of ISO 14801:2007): 6/6/2012

ANSI/ADA Specification No. 139-2012, Dental Base Polymers (national adoption with modifications and revision of ADA Specification 139): 6/6/2012

Reaffirmation

ANSI/ADA Specification No. 109-2006 (R2012), Procedures for Storing Dental Amalgam Waste and Requirements for Amalgam Waste Storage/Shipments Containers (reaffirmation of ANSI/ADA 109-2006): 6/6/2012

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 9008-B99 (R2012), Flexible Couplings - Gear Type - Flange Dimensions (Inch Series) (reaffirmation of ANSI/AGMA 9008-B99 (R2006)): 5/30/2012

ANSI/AGMA 9104-2006 (R2012), Flexible Couplings - Mass Elastic Properties and Other Characteristics (Metric Edition) (reaffirmation of ANSI/AGMA 9104-2006): 5/30/2012

ANS (American Nuclear Society)

New Standard

ANSI/ANS 2.21-2012, Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink (new standard): 6/5/2012

Reaffirmation

ANSI/ANS 8.23-2007 (R2012), Nuclear Criticality Accident Emergency Planning and Response (reaffirmation of ANSI/ANS 8.23-2007): 5/31/2012

ANSI/ANS 8.24-2007 (R2012), Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations (reaffirmation of ANSI/ANS 8.24-2007): 5/31/2012

ANSI/ANS 8.26-2007 (R2012), Criticality Safety Engineer Training and Qualification Program (reaffirmation of ANSI/ANS 8.26-2007): 5/31/2012

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE/ISO 3776-1-2012, Tractors and machinery for agriculture - Seat belts - Part 1: Anchorage location requirements (identical national adoption of ISO 3776-1:2006): 6/6/2012

ANSI/ASABE/ISO 4252-2012, Agricultural tractors - Operator's workplace, access and exit - Dimensions (identical national adoption of ISO 4252:2007): 6/6/2012

New Standard

ANSI/ASAE S358.3-2012, Moisture Measurement - Forages (new standard): 6/5/2012

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME PTC 19.22-2007 (R2012), Data Acquisition Systems (reaffirmation of ANSI/ASME PTC 19.22-2007): 6/5/2012

ANSI/ASME PTC 30.1-2007 (R2012), Air Cooled Steam Condensers (reaffirmation of ANSI/ASME PTC 30.1-2007): 6/5/2012

ASSE (American Society of Sanitary Engineering)

New Standard

ANSI/ASSE Series 16000-2012, Professional Qualifications Standard for the Plumbing Inspector (new standard): 6/6/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

ANSI ATIS 0300251-2007 (R2012), Codes for Identification of Service Providers for Information Exchange (reaffirmation of ANSI ATIS 0300251-2007): 6/1/2012

AWS (American Welding Society)

Revision

ANSI/AWS C4.5M-2012, Uniform Designation System for Oxyfuel Nozzles (revision of ANSI/AWS C4.5M-2006): 6/5/2012

AWWA (American Water Works Association)

New Standard

ANSI/AWWA C562-2012, Fabricated Aluminum Slide Gates (new standard): 6/5/2012

Revision

ANSI/AWWA B504-2012, Monosodium Phosphate, Anhydrous and Liquid (revision of ANSI/AWWA B504-2005): 6/1/2012

ANSI/AWWA B505-2012, Disodium Phosphate, Anhydrous (revision of ANSI/AWWA B505-2005): 6/1/2012

ANSI/AWWA C561-2012, Fabricated Stainless Steel Slide Gates (revision of ANSI/AWWA C561-2004): 6/5/2012

ANSI/AWWA C563-2012, Fabricated Composite Slide Gates (revision of ANSI/AWWA C563-2004): 6/5/2012

ANSI/AWWA C704-2012, Propeller-Type Meters for Waterworks Applications (revision of ANSI/AWWA C704-2008): 6/5/2012

Withdrawal

ANSI/AWWA C513-1997, Open-Channel, Fabricated-Metal Slide Gates and Open-Channel, Fabricated-Metal Weir Gates (withdrawal of ANSI/AWWA C513-2005): 6/5/2012

CEA (Consumer Electronics Association)

New Standard

- * ANSI/CEA 2041-2012, Standard for Round Tactile Feedback Feature (new standard): 6/5/2012

CPA (Composite Panel Association)

Revision

ANSI A135.6-2012, Engineered Wood Siding (revision and redesignation of ANSI A135.6-2006): 6/5/2012

CSA (CSA Group)

Addenda

ANSI/NGV 2b-2012, Compressed Natural Gas Vehicle Fuel Containers (addenda to ANSI/CSA NGV2-2007): 6/5/2012

New Standard

ANSI/CSA HGV 4.4-2012, Breakaway Devices for Compressed Hydrogen Dispensing Hoses and Systems (new standard): 5/31/2012

ANSI/CSA HGV 4.5-2012, Priority and Sequencing Equipment for Hydrogen Vehicle Fueling Priority and Sequencing Equipment for Hydrogen Vehicle Fueling (new standard): 5/31/2012

Revision

- * ANSI Z83.21a-2012, Standard for Commercial Dishwashers (same as CSA C22.2a No. 168) (revision of ANSI Z83.21/CSA C22.2 No. 168/UL 921-2005 (R2010)): 6/6/2012

HI (Hydraulic Institute)

Revision

ANSI/HI 11.6-2012, Submersible Pump Tests (revision of ANSI/HI 11.6-2001): 6/5/2012

HL7 (Health Level Seven)

New Standard

ANSI/HL7 V3 TR ebXMLebM2, R1-2012, HL7 Version 3 Standard: Transport Specification - ebXML Using eb MS2.0. Release 1 (new standard): 5/31/2012

Reaffirmation

ANSI/HL7 V3 AB, R2-2008 (R2012), HL7 Version 3 Standard: Accounting & Billing, Release 2 (reaffirmation of ANSI/HL7 V3 AB, R2-2008): 6/5/2012

ANSI/HL7 V3 CR, R4-2008 (R2012), HL7 Version 3 Standard: Claims and Reimbursement, Release 4 (reaffirmation of ANSI/HL7 V3 CR, R4-2008): 6/5/2012

IIAR (International Institute of Ammonia Refrigeration)

Revision

ANSI/IIAR 3-2012, Ammonia Refrigeration Valves (revision of ANSI/IIAR 3-2005): 5/30/2012

ISA (ISA)

New National Adoption

ANSI/ISA 61010-1-2012 (82.02.01), Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General requirements (national adoption with modifications and revision of ANSI/ISA 61010-1-2008): 5/11/2012

ANSI/ISA 61010-2-030-2012 (82.02.03), Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits (national adoption with modifications of IEC 61010-2-030): 5/11/2012

ANSI/ISA 62382-2012, Control Systems in the Process Industry - Electrical and Instrumentation Loop Check (national adoption with modifications of IEC 62382): 6/5/2012

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

New National Adoption

INCITS/ISO/IEC 17203-2012, Information technology - Open Virtualization Format (OVF) specification (identical national adoption of ISO/IEC 17203:2011): 6/5/2012

New Standard

ANSI INCITS 482-2012, Information technology - ATA/ATAPI Command Set - 2 (ACS-2) (new standard): 5/30/2012

ANSI INCITS 483-2012, Information technology - Virtualization Management Specification (new standard): 5/29/2012

Revision

ANSI INCITS 359-2012, Information Technology - Role Based Access Control (revision of ANSI INCITS 359-2004 (R2009)): 5/29/2012

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

ANSI/ITSDF B56.9-2012, Safety Standard for Operator Controlled Industrial Tow Tractors (revision of ANSI/ITSDF B56.9-2007): 6/6/2012

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP SC 2012031-2012, NCPDP SCRIPT Standard 2012031 (revision and redesignation of NCPDP 2012031): 6/1/2012

ANSI/NCPDP Specialized Standard 2012031-2012, NCPDP Specialized Standard 201xxx# (revision and redesignation of ANSI/NCPDP Specialized Standard 2011071-2011): 6/1/2012

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

ANSI C136.27-2012, Roadway and Area Lighting Equipment - Tunnel and Underpass Lighting Luminaires (revision of ANSI C136.27-2005): 6/5/2012

NFSI (National Floor Safety Institute)**New Standard**

- * ANSI/NFSI B101.6-2012, Standard Guide for Commercial Entrance Matting in Reducing Slips, Trips and Falls (new standard): 6/5/2012

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)**Reaffirmation**

ANSI IT8.7/4-2005 (R2010), Graphic technology - Input data for characterization of 4-color process printing - Expanded data set (reaffirmation of ANSI IT8.7/4-2005): 8/18/2010

NSF (NSF International)**Revision**

- * ANSI/BIFMA e3-2012 (i7), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011e): 5/16/2012
- ANSI/NSF 20-2012 (i5), Commercial bulk milk dispensing equipment (revision of ANSI/NSF 20-2007): 5/11/2012
- ANSI/NSF 50-2012 (i83), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50-2011): 5/14/2012
- * ANSI/NSF 140-2012 (i22), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010): 5/14/2012

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

ANSI/SCTE 103-2012, Test Method for DC Contact Resistance, Drop cable to "F" connectors and F 81 Barrels (revision of ANSI/SCTE 103-2004): 6/1/2012

TechAmerica**Revision**

ANSI/GEIA STD-0005-1-A-2012, Standard for Managing the Use of Pb-Free Solder and Finishes in Aerospace, Defense and High Performance Electronic Systems (revision and redesignation of ANSI/GEIA STD-0005-1-2007): 6/6/2012

UL (Underwriters Laboratories, Inc.)**New National Adoption**

ANSI/UL 60079-18-2012, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 11/19/10) (national adoption with modifications and revision of ANSI/UL 60079-18-2009 (12.23.01)): 5/31/2012

ANSI/UL 60079-18-2012a, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 04/15/11) (national adoption with modifications and revision of ANSI/UL 60079-18-2009 (12.23.01)): 5/31/2012

Reaffirmation

ANSI/UL 60730-2-8-2007 (R2012), Standard for Automatic Electrical Controls for Household and Similar Use - Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements (reaffirmation of ANSI/UL 60730-2-8-2007): 5/25/2012

Revision

ANSI/UL 98-2012, Standard for Safety for Enclosed and Dead-Front Switches (Proposal dated 09-02-11) (revision of ANSI/UL 98-2011b): 5/31/2012

ANSI/UL 144-2012, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2010): 5/25/2012

ANSI/UL 493-2012, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2007): 5/30/2012

ANSI/UL 608-2012, Standard for Safety for Burglary Resistant Vault Doors and Modular Panels (Proposal dated 6/3/11) (revision of ANSI/UL 608-2004 (R2009)): 5/31/2012

ANSI/UL 778-2012, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2011a): 5/25/2012

ANSI/UL 778-2012a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2011a): 5/25/2012

ANSI/UL 1004-6-2012, Standard for Safety for Servo and Stepper Motors (revision of ANSI/UL 1004-6-2009): 6/4/2012

ANSI/UL 2200-2012, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011): 5/31/2012

ANSI/UL 2200-2012a, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011): 5/31/2012

VITA (VMEbus International Trade Association (VITA))**New Standard**

ANSI/VITA 46.3-2012, Serial RapidIO on VPX Fabric Connector (new standard): 6/1/2012

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.

ASA (ASC S2) (Acoustical Society of America)

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- * BSR/ASA S2.73-201x/ISO 10819:201x, Mechanical vibration and shock - Hand-arm vibration - Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (identical national adoption and revision of ANSI S2.73-2002 (R2007)/ISO 10819:1996 (R2007))

Stakeholders: Industrial and safety engineering, government regulators, medical.

Project Need: The current ANS is an identical national adoption. The underlying ISO document is currently being prepared for ballot as an FDIS. Upon its approval, it is expected that the new version will be proposed for identical national adoption.

This ANS specifies a method for laboratory measurement, data analysis and reporting of the vibration transmissibility of a glove with a vibration reducing material that covers the palm and the fingers and thumb of the hand, in terms of vibration transmitted from a handle through a glove in the 1/3-octave frequency bands with center frequencies of 25 Hz to 1250 Hz. The procedure can also be used to measure the vibration transmissibility of a material that is used to cover a handle of a machine.

ASME (American Society of Mechanical Engineers)

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- BSR/ASME B16.54-201x, Thermoplastic Valves (new standard)

Stakeholders: Manufacturers and users of plastic valves in the power, process, HVAC, possible nuclear, and general thermoplastic piping fields.

Project Need: In the current standards environment, there is a total lack of credible standards for plastic valves. No standards for end-to-end or face-to-face dimensions, no testing requirements, no material specs, and no temperature or pressure ratings.

This standard applies to new construction of injection molded, fabricated and cast thermoplastic valves. It covers pressure-temperature ratings, dimensions, tolerances, materials, markings as well as testing, examination, inspection and qualification requirements. End connections include flanged, threaded, union end, fusion/socket/solvent welding end, mechanical joint and wafer valves.

BSR/ASME B31G-201x, Manual for Determining the Remaining Strength of Corroded Pipelines: A Supplement to B31, Code for Pressure Piping (revision of ANSI/ASME B31G-2009)

Stakeholders: Process piping, liquid and gas pipeline industries, contractors, Federal and State regulators, and service providers.

Project Need: The need for this document is to provide pipeline operators with a simplified evaluation method, based on the results of analysis and tests, to determine if the amount of metal loss due to corrosion is tolerable without impairing the ability of the pipeline to operate safely.

This document is intended solely for the purpose of providing guidance in the evaluation of metal loss in pressurized pipelines and piping systems. It is applicable to all pipelines and piping systems within the scope of the transportation pipeline codes that are part of ASME B31 Code for Pressure Piping, namely:

- ASME B31.4, Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids;
- ASME B31.8, Gas Transmission and Distribution Piping Systems;
- ASME B31.11, Slurry Transportation Piping Systems; and
- ASME B31.12, Hydrogen Piping and Pipelines, Part PL.

BSR/ASME B89.1.17-201x, Measurement of Thread Measuring Wires (revision of ANSI/ASME B89.1.17-2001 (R2007))

Stakeholders: Manufacturers, testing facilities, automotive, and aerospace.

Project Need: The committee would like to update some of the thread wire requirements as well as add new requirements.

This Standard is intended to establish uniform practices for the measurement of thread measuring wires. The standard includes methods for the direct measurement of both master and working wires, and methods for the comparison measurement of working wires. The standard includes requirements for geometric qualities of thread-measuring wires, the important characteristics of the comparison equipment, environmental conditions, and the means to ensure that measurements are made with an acceptable uncertainty level.

ASTM (ASTM International)

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BSR/ASTM WK37761-201x, New Practice for Professional Certification Performance Testing and Assessment (new standard)

Stakeholders: Accreditation & Certification Industry.

Project Need: This practice covers both the test itself and specific aspects of the process that produced it.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK37761.htm>

BHMA (Builders Hardware Manufacturers Association)

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- * BSR/BHMA A156.13-201x, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2005)

Stakeholders: Consumers, door and hardware manufacturers, building and construction.

Project Need: Due for normal five-year revision cycle.

This Standard establishes performance requirements for mortise locks and latches and includes operational, cycle, strength, material evaluation, security, and finish tests, and dimensional criteria.

- * BSR/BHMA A156.18-201x, Materials and Finishes (revision of ANSI/BHMA A156.18-2006)

Stakeholders: Consumers, door and hardware manufacturers, building and construction.

Project Need: Due for normal five-year revision cycle.

This Standard establishes finish test methods and code numbers for finishes on various base materials. It includes criteria for viewing comparative finishes to the BHMA match plates and establishes five categories of finishes.

- * BSR/BHMA A156.20-201x, Strap and Tee Hinges, and Hasps (revision of ANSI/BHMA A156.20-1989 (R1996))

Stakeholders: Consumers, door and hardware manufacturers, building and construction.

Project Need: Due for normal five-year revision cycle.

This Standard establishes requirements for strap hinges, tee hinges, and hasps, and includes performance tests covering operational and strength criteria.

- * BSR/BHMA A156.26-201x, Continuous Hinges (revision of ANSI/BHMA A156.26-2006)

Stakeholders: Consumers, door and hardware manufacturers, building and construction.

Project Need: Due for normal five-year revision cycle.

This Standard establishes requirements for architectural continuous hinges used in building construction. Cycle, finish, abuse, overload, vertical wear, and strength tests are included.

- * BSR/BHMA A156.29-201x, Exit Locks, Exit Alarms, Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2007)

Stakeholders: Consumers, door and hardware manufacturers, building and construction.

Project Need: Due for normal five-year revision cycle.

ANSI/BHMA A156.29 establishes requirements for exit locks, exit alarms, and alarms for exit devices and includes operational and finish tests. Alarms for exit devices include operational tests only.

FM (FM Approvals)

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- BSR/FM 4996-201x, Classification of Idle Plastic Pallets as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2007)

Stakeholders: Intended for plastic pallet and resin manufacturers, distributors, and others who are involved with applications where plastic pallets may be used or stored.

Project Need: This standard will provide a means for testing plastic pallets using a full scale sprinklered fire test to simulate a real-life fire condition.

This standard sets fire performance requirements for plastic pallets so that they can be assigned a classification as equivalent to wood pallets in an effort to determine the demand on a sprinkler system in fire situations. This standard specifically addresses plastic pallets but can also be used for the testing of pallets made from other combustible materials.

IEEE (Institute of Electrical and Electronics Engineers)

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Piscataway, NJ 08854

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E-mail: l.yacone@ieee.org

- BSR/IEEE 1707-201x, Recommended Practice for the Investigation of Events at Nuclear Facilities (new standard)

Stakeholders: Event investigation practitioners and managers at nuclear facilities, regulatory and other government agencies, and nuclear industry review groups.

Project Need: The nuclear industry lacks a standard set of terms and features to characterize an acceptable approach to event investigation. A recommended practice is needed to provide a common basis for the planning, conduct, and reporting of event investigations, including the use of standard terms and planning elements. This recommended practice is intended for use by nuclear facility staff and management, and by reviewers of event investigation reports.

This document provides common terminology and recommended practices for initiating and conducting event investigations, analyzing data, producing results, and identifying corrective actions associated with facility personnel, processes, equipment, and systems at nuclear facilities.

BSR/IEEE C37.118.1-201x, Standard for Synchrophasor Measurements for Power Systems (new standard)

Stakeholders: Vendors of power system equipment and software for display, control, and analysis as well as power system operators, regulators, and generators.

Project Need: This revision provides definition and measurement requirements for power system frequency and rate of change of frequency under practical power system conditions. A number of issues in the standard have been identified that require clarification or modification. This revision addresses issues that have been reported, such as out of band frequencies. This revision also separates the measurement and communication sections of C37.118 into individual standards.

This standard is for synchronized phasor measurement systems in power systems. It defines a synchronized phasor (synchrophasor), frequency and rate of change of frequency measurements. It describes time tag and synchronization requirements for measurement of all three of these quantities. It specifies methods for evaluating these measurements, and requirements for compliance with the standard under both static and dynamic conditions. It defines a Phasor Measurement Unit (PMU), which can be a stand-alone physical unit or a functional unit within another physical unit.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

INCITS/ISO/IEC 14776-372-2011, Information technology - Small Computer System Interface (SCSI) - Part 372: SCSI Enclosure Services - 2 (SES-2) (identical national adoption of ISO/IEC 14776-372:2011)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 14776:2011(E) documents the commands and parameters necessary to manage and sense the state of the power supplies, cooling devices, displays, indicators, individual drives, and other non-SCSI elements installed in an enclosure. The command set uses the SCSI SEND DIAGNOSTIC and RECEIVE DIAGNOSTIC RESULTS command to obtain configuration information for the enclosure and to set and sense standard bits for each type of element that may be installed in the enclosure.

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209

Contact: *Megan Hayes*

Fax: (703) 841-3385

E-mail: megan.hayes@nema.org

BSR C136.44-201x, Roadway and Area Lighting Equipment - Side-mounted Security Luminaires with External Ballast or Driver (new standard)

Stakeholders: Manufacturers, users and specifiers for roadway and area lighting.

Project Need: This standard will provide requirements for interchangeability for side-mounted security luminaires with an external ballast or driver. Currently, a similar standard does not exist.

This standard covers dimensional, maintenance and light distribution features that permit the interchange of open or closed side mounted security luminaires used in roadway and area lighting equipment. Luminaires of similar size, shape, and weight meeting the requirements of this standard may be used interchangeably. Luminaires covered by this standard are known by many names and are available in wattages ranging from 50 to 400 and utilize an acrylic, polycarbonate or glass refractor for non-cutoff applications or a solid reflector for cutoff applications. Excluded from this standard are luminaires having an internal ballast or driver.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Rd.
Exton, PA 19341

Contact: *Travis Murdock*

Fax: (610) 363-5898

E-mail: tmurdock@scte.org

BSR/SCTE IPS SP 912-201x, XFP-RF: Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (new standard)

Stakeholders: Cable Telecommunications Industry.

Project Need: Create new standard.

This specification will focus on the communications and the electrical and mechanical interfaces for the XFP RF optical transmitter module. Requirements held within this specification apply both to the transmitter module and its host.

BSR/SCTE IPS SP 913-201x, SFP-RF: Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (new standard)

Stakeholders: Cable Telecommunications Industry.

Project Need: Create new standard.

This standard will focus on the communications and the electrical and mechanical interfaces for the SFP RF optical transmitter module. Requirements held within this standard apply both to the transmitter module and its host.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 248 sp-201x, Laboratory beating of pulp (PFI mill method) (new standard)

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

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

This standard practice describes the processing of pulp by means of the PFI mill to evaluate pulp quality for papermaking.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide 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)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- 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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

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

ANSI-Accredited Standards Developers Contact Information

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

<p>AAMI Association for the Advancement of Medical Instrumentation (AAMI) 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8263 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>BHMA Builders Hardware Manufacturers Association 355 Lexington Avenue, 15th Floor New York, NY 10017 Phone: (212) 297-2127 Fax: (212) 370-9047 Web: www.buildershardware.com/</p>	<p>IEEE (ASC C63) Institute of Electrical and Electronics Engineers 445 Hoes Lane, PO Box 1331 Piscataway, NJ 08855-1331 Phone: (732) 275-7362 Fax: (732) 562-1571 Web: www.ieee.org</p>
<p>ABYC American Boat and Yacht Council 613 Third Street Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Fax: (410) 990-4466 Web: www.abycinc.org</p>	<p>ASME American Society of Mechanical Engineers 3 Park Avenue, 20th Floor (20N2) New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>CEA Consumer Electronics Association 1919 S. Eads St. Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4192 Web: www.ce.org</p>	<p>IIAR International Institute of Ammonia Refrigeration 1001 N. Fairfax Street, Suite 503 Alexandria, VA 22314 Phone: (703) 312-4200 Fax: (703) 312-0065 Web: www.iiar.org</p>
<p>ADA (Organization) American Dental Association 211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>ASSE (Organization) American Society of Sanitary Engineering 901 Canterbury Road, Suite A Westlake, OH 44145-1480 Phone: (440) 835-3040 Fax: (440) 835-3488 Web: www.asse-plumbing.org</p>	<p>CPA Composite Panel Association 19465 Deerfield Ave, Suite 306 Leesburg, VA 20176 Phone: (703) 724-1128 Fax: (703) 724-1588</p>	<p>INMM (ASC N14) Institute of Nuclear Materials Management 75 N 200 E Richmond, UT 84333 Phone: (435) 258-3730 Web: www.inmm.org</p>
<p>AGMA American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314 Phone: (703) 684-0211 Fax: (703) 684-0242 Web: www.agma.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9743 Fax: (610) 834-3655 Web: www.astm.org</p>	<p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9213 Fax: (919) 549-8288 Web: www.isa.org</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526-5592 Phone: (708) 579-8269 Fax: (708) 579-8248 Web: www.ans.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: www.atis.org</p>	<p>FM FM Approvals 1151 Boston-Providence Turnpike Norwood, MA 2062 Phone: (781) 255-4813 Fax: (781) 762-9375 Web: www.fmglobal.com</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW, Suite 610 Washington, DC 20005 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: www.incits.org</p>
<p>ASA (ASC S12) Acoustical Society of America 35 Pinelawn Road, Suite 114E Suite 114E Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 390-0217 Web: acousticalsociety.org</p>	<p>AWS American Welding Society 550 N.W. LeJeune Road Miami, FL 33126 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>HI Hydraulic Institute 6 Campus Drive, 1st Fl North Parsippany, NJ 07054 Phone: (973) 267-9700 Fax: (973) 267-9055 Web: www.pumps.org</p>	<p>ITSDF Industrial Truck Standards Development Foundation, Inc. 1750 K Street NW Suite 460 Washington, DC 20006 Phone: (202) 296-9880 Fax: (202) 296-9884 Web: www.indtrk.org/default.asp</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-6303 Web: www.awwa.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Ext 104 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>LIA (ASC Z136) Laser Institute of America 13501 Ingenuity Drive Suite 128 Orlando, FL 32826 Phone: (407) 380-1553 Fax: (407) 380-5588 Web: www.laserinstitute.org</p>
		<p>IEEE Institute for Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-6003 Fax: (732) 562-1571 Web: www.ieee.org</p>	

NCPDP

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NEMA (Canvass)

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 Phone: (703) 841-3285
 Fax: (703) 841-3385
 Web: www.nema.org

NFSI

National Floor Safety Institute
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 Southlake, TX 76092
 Phone: (817) 749-1705
 Fax: (817) 749-1702
 Web: www.nfsi.org

NPES (ASC CGATS)

NPES
 1899 Preston White Drive
 Reston, VA 20191
 Phone: (703) 264-7229
 Fax: (703) 620-0994
 Web: www.npes.org

NSF

NSF International
 P.O. Box 130140
 789 N. Dixboro Road
 Ann Arbor, MI 48105
 Phone: (734) 827-6806
 Fax: (734) 827-6831
 Web: www.nsf.org

OPEI

Outdoor Power Equipment Institute
 341 South Patrick Street
 Alexandria, VA 22314
 Phone: (703) 549-7600, ext. 24
 Fax: (703) 549-7604
 Web: opei.mow.org

SCTE

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TAPPI

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TechAmerica

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 Fax: (703) 525-2279
 Web: www.techamerica.org

TIA

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 Fax: (703) 907-7727
 Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
 12 Laboratory Drive
 Research Triangle Park, NC 27709
 Phone: (919) 549-1851
 Fax: (919) 549-1851
 Web: www.ul.com/

VITA

VMEbus International Trade Association (VITA)
 PO Box 19658
 Fountain Hills, AZ 85269
 Phone: (480) 837-7486
 Fax: (480) 837-7486
 Web: www.vita.com/



ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 16049-2, Air cargo equipment - Restraint straps - Part 2: Utilization guidelines and lashing conditions - 8/29/2012, \$62.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 11197, Medical supply units - 9/1/2012, \$98.00

DENTISTRY (TC 106)

ISO/DIS 17304, Dentistry - Polymerisation shrinkage: Method for determination of polymerisation shrinkage of polymer-based restorative materials - 8/29/2012, \$62.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO/DIS 14687-3, Hydrogen fuel - Product specification - Part 3: Proton exchange membrane (PEM) fuel cell applications for stationary appliances - 9/1/2012, \$77.00

OTHER

ISO/DIS 80079-36, Explosive atmospheres - Part 36: Non-electrical equipment for use in explosive atmospheres - Basic methods and requirements - 9/3/2012, FREE

ISO/DIS 80079-37, Explosive atmospheres - Part 37: Non-electrical equipment for use in explosive atmospheres - Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k' - 9/3/2012, FREE

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 3776-2, Tractors and machinery for agriculture - Seat belts - Part 2: Anchorage strength requirements - 8/30/2012, \$46.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 24102-1, Intelligent transport systems - Communications access for land mobiles (CALM) - ITS station management - Part 1: Local management - 9/2/2012, \$102.00

ISO/DIS 24102-3, Intelligent transport systems - Communications access for land mobiles (CALM) - ITS station management - Part 3: Service access points - 9/2/2012, \$146.00

ISO/DIS 24102-4, Intelligent transport systems - Communications access for land mobiles (CALM) - ITS station management - Part 4: Station-internal management communications - 9/2/2012, \$82.00

ISO/DIS 24102-5, Intelligent transport systems - Communications access for land mobiles (CALM) - ITS station management - Part 5: Fast service advertisement protocol (FSAP) - 9/2/2012, \$98.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 5826, Resistance welding equipment - Transformers - General specifications applicable to all transformers - 9/1/2012, \$98.00

ISO/IEC JTC 1, Information Technology

OTHER

ISO/IEC DIS 80079-38, Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines - 9/3/2012, FREE

IEC Standards

3C/1789/FDIS, IEC 60417-C00182/Ed.1 Graphical symbols for country of manufacture and model number, 07/06/2012

9/1679/FDIS, IEC 61881-2 Ed.1: Railway applications - Rolling stock equipment - Capacitors for power electronics - Part 2: Aluminium electrolytic capacitors with non solid electrolyte, 07/06/2012

9/1680/FDIS, IEC 61881-3 Ed.1: Railway applications - Rolling stock equipment - Capacitors for power electronics - Part 3: Electric double-layer capacitors, 07/06/2012

34A/1574/FDIS, IEC 60809 A5 Ed 2: Lamps for road vehicles - Dimensional, electrical and luminous requirements, 07/06/2012

36/321/FDIS, IEC 62217/Ed 2: Polymeric hv insulators for indoor and outdoor use - general definitions, test methods and acceptance criteria, 07/06/2012

49/994/FDIS, IEC 62575-2 Ed.1: Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality - Part 2: Guidelines for the use, 07/06/2012

89/1113/FDIS, IEC 60695-11-3 Ed 1.0: Fire hazard testing - Part 11-3: Test flames - 500 W flames - Apparatus and confirmational test methods, 07/06/2012

- 105/394/FDIS, IEC 62282-6-200 Ed.2: Fuel cell technologies - Part 6 -200: Micro fuel cell power systems - Performance test methods, 07/06/2012
- 29/770/FDIS, IEC 62585: Electroacoustics - Methods to determine corrections to obtain the free-field response of a sound level meter, 07/13/2012
- 34A/1575/FDIS, Amendment 2 to IEC 62035 ed.1: Discharge lamps (excluding fluorescent lamps) - Safety specifications, 07/13/2012
- 38/435/FDIS, IEC 61869-2: Instrument transformers - Part 2: Current Transformers, 07/13/2012
- 46/417/FDIS, IEC 62037-3/Ed. 1: Passive r.f. and microwave devices, Intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors., 07/13/2012
- 46/418/FDIS, IEC 62037-4/Ed. 1: Passive r.f. and microwave devices, Intermodulation level measurement - Part 4: Measurement of passive intermodulation in coaxial cables., 07/13/2012
- 49/995/FDIS, IEC 61240 Ed.2: Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules, 07/13/2012
- 65E/242/FDIS, IEC 62541-7/Ed1: OPC Unified Architecture - Part 7: Profiles, 07/13/2012
- 65E/243/FDIS, IEC 62541-9/Ed1: OPC Unified Architecture - Part 9: Alarms and Conditions, 07/13/2012
- 65E/244/FDIS, IEC 62541-10/Ed1: OPC Unified Architecture - Part 10: Programs, 07/13/2012
- 65E/245/FDIS, IEC 61987-11/Ed.1: Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 11: List of Properties (LOP) for Measuring Equipment for electronic data exchange - generic structures, 07/13/2012
- 90/302/FDIS, IEC 61788-13: Superconductivity - Part 13: AC loss measurements - Magnetometer methods for hysteresis loss in superconducting multifilamentary composites, 07/13/2012
- 110/374/FDIS, IEC 62341-6-3 Ed.1: Organic light emitting diode (OLED) displays - Part 6-3: Measuring methods of image quality, 07/13/2012
- 10/887/FDIS, IEC 62697-1 Ed.1: Test method for quantitative determination of corrosive sulfur compounds in unused and used insulating liquids - Part 1: Test method for quantitative determination of dibenzylsulfide (DBDS), 07/20/2012
- 56/1469/FDIS, IEC 62628/Ed1: Guidance on Software Aspects of Dependability, 07/20/2012
- 62B/879/FDIS, Amendment 1 - IEC 60601-2-44: Medical electrical equipment - Part 2-44: Particular requirements for basic safety and essential performance of X-ray equipment for computed tomography, 07/20/2012
- 86B/3439/FDIS, IEC 61300-2-10/Ed2: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush resistance, 07/20/2012
- CABPUB/66/FDIS, Final Draft ISO/IEC FDIS 17065: Conformity assessment - Requirements for bodies certifying products, processes and services, 07/13/2012
- 17A/1009/FDIS, Amendment 1 to IEC 62271-100 Ed. 2: High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers (Addition of requirements and tests for 1100 and 1200 kV), 08/03/2012
- 17A/1010/FDIS, IEC 62271-111 Ed 2.0: High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV, 08/03/2012
- 34B/1643/FDIS, IEC 60061-1: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps - Amendment 48, 08/03/2012
- 34B/1644/FDIS, IEC 60061-2: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders - Amendment 45, 08/03/2012
- 34B/1645/FDIS, IEC 60061-3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges - Amendment 46, 08/03/2012
- 46A/1086/FDIS, IEC 61196-8-9/Ed.1: Coaxial communication cables - Part 8-9: Detail specification for 75-250 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1087/FDIS, IEC 61196-8-2/Ed.1: Coaxial communication cables - Part 8-2: Detail specification for 50-047 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1088/FDIS, IEC 61196-8-3/Ed.1: Coaxial communication cables - Part 8-3: Detail specification for 50-086 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1089/FDIS, IEC 61196-8-4/Ed.1: Coaxial communication cables - Part 8-4: Detail specification for 50-141 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1090/FDIS, IEC 61196-8-5/Ed.1: Coaxial communication cables - Part 8-5: Detail specification for 50-250 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1091/FDIS, IEC 61196-8-6/Ed.1: Coaxial communication cables - Part 8-6: Detail specification for 75-047 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1092/FDIS, IEC 61196-8-7/Ed.1: Coaxial communication cables - Part 8-7: Detail specification for 75-086 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 46A/1093/FDIS, IEC 61196-8-8/Ed.1: Coaxial communication cables - Part 8-8: Detail specification for 75-141 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation, 08/03/2012
- 86A/1451/FDIS, IEC 60794-1-23/Ed1: Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, 08/03/2012
- 105/396/FDIS, IEC 62282-5-1/Ed.2: Fuel cell technologies - Part 5-1: Portable fuel cell power systems - Safety, 08/03/2012



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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>).

AIR QUALITY (TC 146)

ISO 15202-1:2012, Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry - Part 1: Sampling, \$98.00

ISO 16000-19:2012, Indoor air - Part 19: Sampling strategy for moulds, \$116.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO 17442:2012, Financial services - Legal Entity Identifier (LEI), \$49.00

BUILDING CONSTRUCTION (TC 59)

ISO 15686-2:2012, Buildings and constructed assets - Service life planning - Part 2: Service life prediction procedures, \$110.00

COSMETICS (TC 217)

ISO 24443:2012, Determination of sunscreen UVA photoprotection in vitro, \$116.00

CRYOGENIC VESSELS (TC 220)

ISO 21013-4:2012, Cryogenic vessels - Pilot operated pressure relief devices - Part 4: Pressure-relief accessories for cryogenic service, \$65.00

DENTISTRY (TC 106)

ISO 6876:2012, Dentistry - Root canal sealing materials, \$65.00

FASTENERS (TC 2)

ISO 7720:2012, Prevailing torque type all-metal hexagon nuts, style 2 - Property class 9, \$43.00

ISO 898-5:2012, Mechanical properties of fasteners made of carbon steel and alloy steel - Part 5: Set screws and similar threaded fasteners with specified hardness classes - Coarse thread and fine pitch thread, \$86.00

GEOTECHNICS (TC 182)

ISO 22282-1:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 1: General rules, \$110.00

ISO 22282-2:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 2: Water permeability tests in a borehole using open systems, \$116.00

ISO 22282-3:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 3: Water pressure tests in rock, \$110.00

ISO 22282-4:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 4: Pumping tests, \$110.00

ISO 22282-5:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 5: Infiltrometer tests, \$104.00

ISO 22282-6:2012, Geotechnical investigation and testing - Geohydraulic testing - Part 6: Water permeability tests in a borehole using closed systems, \$86.00

IMPLANTS FOR SURGERY (TC 150)

ISO 9714-1:2012, Orthopaedic drilling instruments - Part 1: Drill bits, taps and countersink cutters, \$57.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

ISO 13577-1:2012, Industrial furnaces and associated processing equipment - Safety - Part 1: General requirements, \$141.00

MACHINE TOOLS (TC 39)

ISO 26303:2012, Machine tools - Short-term capability evaluation of machining processes on metal-cutting machine tools, \$141.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8578:2012, Microscopes - Marking of objectives and eyepieces, \$43.00

ISO 17123-6:2012, Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 6: Rotating lasers, \$116.00

PHOTOGRAPHY (TC 42)

ISO 18926:2012, Imaging materials - Information stored on magneto-optical (MO) discs - Method for estimating the life expectancy based on the effects of temperature and relative humidity, \$104.00

PLASTICS (TC 61)

ISO 11833-1:2012, Plastics - Unplasticized poly(vinyl chloride) sheets - Types, dimensions and characteristics - Part 1: Sheets of thickness not less than 1 mm, \$80.00

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

ISO 12230:2012, Polybutene-1 (PB-1) pipes - Effect of time and temperature on the expected strength, \$65.00

PROJECT COMMITTEE: ANTI-COUNTERFEITING TOOLS (TC 246)

ISO 12931:2012, Performance criteria for authentication solutions used to combat counterfeiting of material goods, \$116.00

ROAD VEHICLES (TC 22)

ISO 4138:2012, Passenger cars - Steady-state circular driving behaviour - Open-loop test methods, \$98.00

ISO 8854:2012, Road vehicles - Alternators with regulators - Test methods and general requirements, \$86.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 21461:2012, Rubber - Determination of the aromaticity of oil in vulcanized rubber compounds, \$98.00

SOIL QUALITY (TC 190)

ISO 11504:2012, Soil quality - Assessment of impact from soil contaminated with petroleum hydrocarbons, \$104.00

ISO 12782-1:2012, Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 1: Extraction of amorphous iron oxides and hydroxides with ascorbic acid, \$65.00

ISO 12782-2:2012, Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 2: Extraction of crystalline iron oxides and hydroxides with dithionite, \$65.00

ISO 12782-3:2012, Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 3: Extraction of aluminium oxides and hydroxides with ammonium oxalate/oxalic acid, \$65.00

ISO 12782-4:2012, Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 4: Extraction of humic substances from solid samples, \$104.00

ISO 12782-5:2012, Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 5: Extraction of humic substances from aqueous samples, \$98.00

ISO Technical Reports**ERGONOMICS (TC 159)**

ISO/TR 12296:2012, Ergonomics - Manual handling of people in the healthcare sector, \$193.00

SAFETY OF MACHINERY (TC 199)

ISO/TR 14121-2:2012, Safety of machinery - Risk assessment - Part 2: Practical guidance and examples of methods, \$135.00

ISO Technical Specifications**INDUSTRIAL TRUCKS (TC 110)**

ISO/TS 3691-8:2012, Industrial trucks - Safety requirements and verification - Part 8: Regional requirements for countries outside the European Community, \$57.00

NANOTECHNOLOGIES (TC 229)

ISO/TS 10797:2012, Nanotechnologies - Characterization of single-wall carbon nanotubes using transmission electron microscopy, \$129.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 15938-9/Amd1:2012, Extensions to profiles and levels, \$149.00

ISO/IEC 29160:2012, Information technology - Radio frequency identification for item management - RFID Emblem, \$98.00

ISO/IEC 29192-1:2012, Information technology - Security techniques - Lightweight cryptography - Part 1: General, \$80.00

ISO/IEC 15444-10:2012, Information technology - JPEG 2000 image coding system: Extensions for three-dimensional data, \$149.00

ISO/IEC 24730-21:2012, Information technology - Real time locating systems (RTLS) - Part 21: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with a single spread code and employing a DBPSK data encoding and BPSK spreading scheme, \$122.00

ISO/IEC 24730-22:2012, Information technology - Real time locating systems (RTLS) - Part 22: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with multiple spread codes and employing a QPSK data encoding and Walsh offset QPSK (WOQPSK) spreading scheme, \$98.00

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 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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 email from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Dimensional Metrology Standards Consortium, Inc. (DMSC)

ANSI's Executive Standards Council has approved the reaccreditation of the Dimensional Metrology Standards Consortium, Inc. (DMSC), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on American National Standards, effective June 6, 2012. For additional information, please contact: Mr. Bailey Squier, Executive Director, General Manager, Dimensional Metrology Standards Consortium, 1228 Enclave Circle #301, Arlington, TX 76011; phone: 817.461.1092; E-mail: bsquier@dmsstandard.org.

Correction

Standards Action Publishing Schedule for 2012, Volume No. 43

Thanks to Mark Weber of ASHRAE who pointed out an error in the listings of our publishing schedule for 2012. Please use the revised Standards Action Publishing Schedule that appears on the next two pages of this issue. The revised publishing schedule will also be uploaded to the ANSI website.



Standards Action Publishing Schedule for 2012, Volume No. 43

Issue	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
No.	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/20/2011	12/26/2011	JAN-6	2/5/2012	2/20/2012	3/6/2012
2	12/27/2011	1/2/2012	JAN-13	2/12/2012	2/27/2012	3/13/2012
3	1/3/2012	1/9/2012	JAN-20	2/19/2012	3/5/2012	3/20/2012
4	1/10/2012	1/16/2012	JAN-27	2/26/2012	3/12/2012	3/27/2012
5	1/17/2012	1/23/2012	FEB-3	3/4/2012	3/19/2012	4/3/2012
6	1/24/2012	1/30/2012	FEB-10	3/11/2012	3/26/2012	4/10/2012
7	1/31/2012	2/6/2012	FEB-17	3/18/2012	4/2/2012	4/17/2012
8	2/7/2012	2/13/2012	FEB-24	3/25/2012	4/9/2012	4/24/2012
9	2/14/2012	2/20/2012	MAR-2	4/1/2012	4/16/2012	5/1/2012
10	2/21/2012	2/27/2012	MAR-9	4/8/2012	4/23/2012	5/8/2012
11	2/28/2012	3/5/2012	MAR-16	4/15/2012	4/30/2012	5/15/2012
12	3/6/2012	3/12/2012	MAR-23	4/22/2012	5/7/2012	5/22/2012
13	3/13/2012	3/19/2012	MAR-30	4/29/2012	5/14/2012	5/29/2012
14	3/20/2012	3/26/2012	APR-6	5/6/2012	5/21/2012	6/5/2012
15	3/27/2012	4/2/2012	APR-13	5/13/2012	5/28/2012	6/12/2012
16	4/3/2012	4/9/2012	APR-20	5/20/2012	6/4/2012	6/19/2012
17	4/10/2012	4/16/2012	APR-27	5/27/2012	6/11/2012	6/26/2012
18	4/17/2012	4/23/2012	MAY-4	6/3/2012	6/18/2012	7/3/2012
19	4/24/2012	4/30/2012	MAY-11	6/10/2012	6/25/2012	7/10/2012
20	5/1/2012	5/7/2012	MAY-18	6/17/2012	7/2/2012	7/17/2012
21	5/8/2012	5/14/2012	MAY-25	6/24/2012	7/9/2012	7/24/2012
22	5/15/2012	5/21/2012	JUN-1	7/1/2012	7/16/2012	7/31/2012
23	5/22/2012	5/28/2012	JUN-8	7/8/2012	7/23/2012	8/7/2012
24	5/29/2012	6/4/2012	JUN-15	7/15/2012	7/30/2012	8/14/2012
25	6/5/2012	6/11/2012	JUN-22	7/22/2012	8/6/2012	8/21/2012
26	6/12/2012	6/18/2012	JUN-29	7/29/2012	8/13/2012	8/28/2012
27	6/19/2012	6/25/2012	JUL-6	8/5/2012	8/20/2012	9/4/2012
28	6/26/2012	7/2/2012	JUL-13	8/12/2012	8/27/2012	9/11/2012



Standards Action Publishing Schedule for 2012, Volume No. 43

Issue	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
	No.	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends
29	7/3/2012	7/9/2012	JUL-20	8/19/2012	9/3/2012	9/18/2012
30	7/10/2012	7/16/2012	JUL-27	8/26/2012	9/10/2012	9/25/2012
31	7/17/2012	7/23/2012	AUG-3	9/2/2012	9/17/2012	10/2/2012
32	7/24/2012	7/30/2012	AUG-10	9/9/2012	9/24/2012	10/9/2012
33	7/31/2012	8/6/2012	AUG-17	9/16/2012	10/1/2012	10/16/2012
34	8/7/2012	8/13/2012	AUG-24	9/23/2012	10/8/2012	10/23/2012
35	8/14/2012	8/20/2012	AUG-31	9/30/2012	10/15/2012	10/30/2012
36	8/21/2012	8/27/2012	SEP-7	10/7/2012	10/22/2012	11/6/2012
37	8/28/2012	9/3/2012	SEP-14	10/14/2012	10/29/2012	11/13/2012
38	9/4/2012	9/10/2012	SEP-21	10/21/2012	11/5/2012	11/20/2012
39	9/11/2012	9/17/2012	SEP-28	10/28/2012	11/12/2012	11/27/2012
40	9/18/2012	9/24/2012	OCT-5	11/4/2012	11/19/2012	12/4/2012
41	9/25/2012	10/1/2012	OCT-12	11/11/2012	11/26/2012	12/11/2012
42	10/2/2012	10/8/2012	OCT-19	11/18/2012	12/3/2012	12/18/2012
43	10/9/2012	10/15/2012	OCT-26	11/25/2012	12/10/2012	12/25/2012
44	10/16/2012	10/22/2012	NOV-2	12/2/2012	12/17/2012	1/1/2013
45	10/23/2012	10/29/2012	NOV-9	12/9/2012	12/24/2012	1/8/2013
46	10/30/2012	11/5/2012	NOV-16	12/16/2012	12/31/2012	1/15/2013
47	11/6/2012	11/12/2012	NOV-23	12/23/2012	1/7/2013	1/22/2013
48	11/13/2012	11/19/2012	NOV-30	12/30/2012	1/14/2013	1/29/2013
49	11/20/2012	11/26/2012	DEC-7	1/6/2013	1/21/2013	2/5/2013
50	11/27/2012	12/3/2012	DEC-14	1/13/2013	1/28/2013	2/12/2013
51	12/4/2012	12/10/2012	DEC-21	1/20/2013	2/4/2013	2/19/2013
52	12/11/2012	12/17/2012	DEC-28	1/27/2013	2/11/2013	2/26/2013

2013 Standards Action Schedule - Volume No. 44

1	12/18/2012	12/24/2012	JAN-4	2/3/2013	2/18/2013	3/5/2013
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ANSI Seeks Comments on Proposed New ISO Standard on Consumer Contact Centers

The [International Organization for Standardization](#) (ISO) [Committee on Consumer Policy](#) (COPOLCO) has submitted a proposal to ISO for a new ISO standard on guidelines for consumer contact centers. As the U.S. member body to ISO, the [American National Standards Institute](#) (ANSI) invites all interested stakeholders to submit comments on the proposal **by Friday, June 15, 2012**.

The proposed new work item, *Guidelines for customer contact centres*, would provide guidance for business process service centers, including front-end voice, multimedia, and back-office service providers, and including all customer contact centers (call centers), whether an in-house (captive) center or a third-party operator (outsourcer).

The intent is to address issues identified in an ISO/COPOLCO/DEVCO survey in 2009-10 on customer contact centers. These issues include problems customers reported with accessing and/or receiving satisfactory help and common frustrations with customer call centers.

All comments on the proposal should be sent to Steven P. Cornish, ANSI senior director for international policy (isot@ansi.org). Feedback received by the June 15 deadline will be reviewed and compiled for the recommended ANSI position and comments, which will then be presented to the ANSI ISO Council (AIC) for formal approval.

[Read the COPOLCO proposal.](#)

ANSI has published an explanatory information document outlining the process used to develop U.S. positions on issues and activities under consideration by ISO and IEC. [Click here to download the document.](#)

ANSI Seeks Comments on Proposed New ISO Standard on Consumer Warranties

The [International Organization for Standardization \(ISO\) Committee on Consumer Policy \(COPOLCO\)](#) has submitted a proposal to ISO for a new ISO standard on guidelines for consumer warranties. As the U.S. member body to ISO, the [American National Standards Institute \(ANSI\)](#) invites all interested stakeholders to submit comments on the proposal **by Friday, June 15, 2012**.

The proposed new work item, *Guidelines on consumer warranties*, would provide producers or sellers of goods and services with guidance on the requirements for effective warranties when they are providing them with their goods and services. If the work item is approved, the work would be carried out by a project committee.

The intent is to address problems with warranties in relation to goods or services sold, either within one jurisdiction or across a number of different jurisdictions. Problems with goods that are defective or do not conform to the description of the contract are among the main reasons for consumer complaints, and also cause large financial and other detriment, both for individual consumers and for the economy as a whole.

All comments on the proposal should be sent to Steven P. Cornish, ANSI senior director for international policy (isot@ansi.org). Feedback received by the June 15 deadline will be reviewed and compiled for the recommended ANSI position and comments, which will then be presented to the ANSI ISO Council (AIC) for formal approval.

[Read the COPOLCO proposal.](#)

ANSI has published an explanatory information document outlining the process used to develop U.S. positions on issues and activities under consideration by ISO and IEC. [Click here to download the document.](#)



**BSR/ASHRAE/ASHE Addendum j
to ANSI/ASHRAE/ASHE Standard 170-2008**

Public Review Draft

**Proposed Addendum j to
Standard 170-2008, Ventilation of
Health Care Facilities**

**Second Public Review (May 2012)
(Draft shows Proposed Changes to Current Standard)**

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

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

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

BSR/ASHRAE/ASHE Addendum j to ANSI/ASHRAE/ASHE Standard 170-2008, *Ventilation of Health Care Facilities*
Second Public Review Draft

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

FOREWORD

This proposed addendum adds filtration requirements for certain types of residential health care facilities.

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

Addendum j to 170-2008

Add the following new definition to Section 3.

3. DEFINITIONS

nursing facility: a facility that provides resident care, treatment and services areas (including skilled nursing, subacute care, and Alzheimer's and other dementia facilities).

Revise Table 6-1 as shown below. The rest of Table 6-1 remains unchanged.

Table 6-1 Minimum Filter Efficiencies

Space Designation (According to Function)	Filter Bank Number 1 (MERV) ^a	Filter Bank Number 2 (MERV) ^a
Skilled nursing facilities <u>Nursing Facility</u>	<u>13</u> 7	N/R

Revise Table 7-1 as shown below. The rest of Table 7-1 remains unchanged.

Function of Space

~~SKILLED-NURSING FACILITY~~



**BSR/ASHRAE/ASHE Addendum t
to ANSI/ASHRAE/ASHE Standard 170-2008**

Public Review Draft

**Proposed Addendum t to
Standard 170-2008, Ventilation of
Health Care Facilities**

**First Public Review (May 2012)
(Draft shows Proposed Changes to Current Standard)**

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

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

BSR/ASHRAE/ASHE Addendum t to ANSI/ASHRAE/ASHE Standard 170-2008, *Ventilation of Health Care Facilities*
Second Public Review Draft

FOREWORD

This proposed addendum updates references to the Guidelines for Design and Construction of Health Care Facilities.

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

Addendum t to 170-2008

Change the first paragraph of the FOREWORD of Standard 170-2008 as shown below. The revised foreword is included for informational purposes only and is not part of the standard.

FOREWORD

ANSI/ASHRAE/ASHE Standard 170, *Ventilation of Health Care Facilities*, is one of a family of documents that offers guidance, regulation, and mandates to designers of health care facilities. It is first and foremost a mandatory minimum requirement and, as such, may not offer the state-of-the-art best practice of health care ventilation design. Other publications, such as the ASHRAE HVAC Design Manual for Hospitals and Clinics, may provide more depth and detail for the designer. In addition, the health care designer must refer to any design requirements from the appropriate jurisdiction that has authority. Many jurisdictions use or refer to Guidelines for Design and Construction of ~~Hospitals and Health Care Facilities~~, published by the Facilities Guidelines Institute (FGI)~~American Institute of Architects (AIA)~~. Where practical, the committee was cognizant of these other documents in the development of this standard.

Revise Section 6.1.2.1 as shown below. Note that the reference to AIA 2001 was corrected and changed to AIA 2006 and is published as an erratum posted for free on the ASHRAE website at <http://www.ashrae.org/standards-research--technology/standards-errata>.

6.1.2 Reserve Heating and Cooling Sources.

6.1.2.1 Provide heat sources and essential accessories in number and arrangement sufficient to accommodate the facility needs, even when any one of the heat sources is not operating due to a breakdown or routine maintenance. The capacity of the remaining source(s) shall be sufficient to provide for sterilization and dietary purposes and to provide heating for operating, delivery, birthing, labor, recovery, emergency, intensive care, nursery, and inpatient rooms. (For further information, see ~~AIA (2006)~~ FGI, 2010, in Informative Annex B: Bibliography.)

Revise Informative Annex B Bibliography as shown below.

~~AIA, 2006. The American Institute of Architects and The Facilities Guidelines Institute. *Guidelines for Design and Construction of Hospital and Health Care Facilities*. American Institute of Architects Press, Washington, DC 2006~~

FGI, 2010. Facilities Guidelines Institute. *Guidelines for Design and Construction of Health Care Facilities*. American Society for Healthcare Engineering. Chicago, IL



**BSR/ASHRAE/ASHE Addendum u
to ANSI/ASHRAE/ASHE Standard 170-2008**

Public Review Draft

**Proposed Addendum u to
Standard 170-2008, Ventilation of
Health Care Facilities**

**First Public Review (May 2012)
(Draft shows Proposed Changes to Current Standard)**

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BSR/ASHRAE/ASHE Addendum u to ANSI/ASHRAE/ASHE Standard 170-2008, *Ventilation of Health Care Facilities*
First Public Review Draft

FOREWORD

This proposed addendum clarifies notes q and w to Table 7-1, Design Parameters.

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

Addendum u to 170-2008

Revise Table 7-1 and its notes as shown below. Table 7-1 and the notes were modified by Addenda b and h to Standard 170-2008 currently published for free on the ASHRAE website at <http://www.ashrae.org/standards-research--technology/standards-addenda>. The rest of Table 7-1 remains unchanged.

Table 7-1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by means of Room Units (a)	Design Relative Humidity (k), (%)	Design Temperature (l), (°F/°C)
SURGERY AND CRITICAL CARE							
ER waiting rooms (q)	Negative	2	12	Yes <u>(q)</u>	N/R	max 65	70-75/21-24
Triage (q)	Negative	2	12	Yes <u>(q)</u>	N/R	max 60	70-75/21-24
Radiology waiting rooms (q), (w)	Negative	2	12	Yes <u>(q), (w)</u>	N/R	max 60	70-75/21-24
SKILLED NURSING FACILITY							
<u>Resident unit corridor</u>	<u>N/R</u>	<u>N/R</u>	<u>4</u>	<u>N/R</u>	<u>N/R</u>	<u>N/R</u>	<u>N/R</u>
Bathing room	Negative	N/R	10	Yes	N/R No	N/R	70-75/21-24

Table 7-1 Notes:

- q. In a recirculating ventilation system, HEPA filters shall be permitted instead of exhausting the air from these spaces to the outdoors provided that the return air passes through the HEPA filters before it is introduced into any other spaces. The entire Minimum Total Air Changes per hour of recirculating airflow shall pass through HEPA filters. Exception: A localized recirculating ventilation system that incorporates HEPA filters may be utilized in lieu of exhausting room air directly outdoors. The air from the room shall be filtered by the HEPA filters before the air is reintroduced into the room.
- w. ~~This requirement applies~~ The requirement that all room air is exhausted directly to outdoors applies only to radiology waiting rooms programmed to hold patients who are waiting for chest x-rays for diagnosis of respiratory disease.

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

NSF/ANSI Standard
for Drinking Water System Components – Health Effects

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Annex B
(normative)

Product/material evaluation

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**Table B11 (cont.) – Normalization factors, assumptions, and examples pertaining to –
residential and service line valves (including multiple user)**

Product nominal diameter (n. d.)	Exposure type	Probable end use ¹	Assumptions	N1	N2 (flowing normalization only)	N3
4 in > n. d. ≥ 0.5 in	in-the-product	service line or residential	<p>– when product holds less than 1 L (0.26 gal) under static conditions, $V_{F(\text{static})} = 1 \text{ L} = 0.26 \text{ gal}$</p> <p>– when product holds less than 1 L (0.26 gal) under static conditions and contains metal components, extensions are added to bring the exposure volume to 1 L.</p> <p>– $V_{F(\text{flow})} = 180 \text{ gal}$</p>	calculated in accordance with Annex B, section B.8.3	0.0015	0.33

EXAMPLE – IN-THE-PRODUCT SERVICE LINE VALVE:Assumptions:

- product is a 0.5-in nominal diameter valve with a length of 2 in;
- an in-the-product exposure was conducted; and
- $V_{F(\text{static})} = 1$ L because the valve holds less than 1 L of water when filled to capacity under static conditions; and
- extensions are added to bring the exposure volume close to one liter.

$$SA_F = 20.26 \text{ cm}^2 (3.14 \text{ in}^2) \quad SA_L = 20.26 \text{ cm}^2 (3.14 \text{ in}^2)$$

$$V_{F(\text{static})} = 1 \text{ L (0.26 gal)} \quad V_L = 0.0064 \text{ L (0.0017 gal)} \quad 0.98 \text{ L (0.26 gal)}$$

$$N1 = \frac{SA_F}{SA_L} \times \frac{V_L}{V_{F(\text{static})}} \times \text{dispersion factor (N3)} = \frac{3.14}{3.14} \times \frac{0.0017}{0.26} \times \frac{0.98}{1} \times 0.33 = 0.0024 \quad 0.32$$

$$N2 = \frac{V_{F(\text{static})}}{V_{F(\text{flow})}} = \frac{0.26}{180} = 0.0015$$

Comments:

- Laboratory concentrations would be multiplied by 0.0024 0.32 to obtain the normalized static concentration. The resulting normalized static concentration would be multiplied by 0.0015 to obtain the normalized flowing concentration.

Probable end use and corresponding assumptions are related to the nominal diameter of the product.

Reason: Revised per 2011 annual DWA-SC JC meeting (December 1, 2011) to provide a normalization example of a ½" ball valve following exposure in a 1-L test assembly.

BSR/UL 61058-1, Standard for Safety for Switches for Appliances – Part 1: General Requirements

1. National Differences for the use of thermoset material.

21 Fire Hazard

21.4DV D2 Addition of 21.4DV.1, 21.4DV.2, 21.4DV.3, and 21.4DV.4 to add clarification of requirements for thermoset materials:

21.4DV.1 Thermoset materials are generically accepted as indicated in 21.4DV.2, 21.4DV.3, and 21.4DV.4.

NOTE Thermosetting materials are cured by chemical reaction, and when cured, cannot be resoftened. Examples of thermosetting materials are molded phenolic and molded diallyl phthalate.

21.4DV.2 Thermosets are considered to fulfill the PTI / CTI requirements for material group IIIb. PTI / CTI ratings better than group IIIb, for specific materials, shall be according to 20.2DV.

21.4DV.3 Thermosets assume a generic RTI for material specified in the table for Relative Thermal Indices Based Upon Past Field-Test Performance and Chemical Structure, Table 6, of CSA C22.2 No. 0.17, or the table for Relative Thermal Indices Based Upon Past Field-Test Performance and Chemical Structure, Table 7.1, of UL 746B for both RTI mechanical strength without impact and RTI electrical insulation. RTI ratings better than the generic values, for specific materials, shall be according to 21.1DV.1.

21.4DV.4 Thermoset materials such as phenolic used for enclosure or support of current carrying parts may be rated HB.

2. RTI clarification text and instructions on thickness of material.

21 Fire hazard

21.1 Resistance to heat

21.1DV.1 D2 Addition of 21.1DV.1.1 to add long-term temperature stability (RTI):

21.1DV.1.1 Long-term temperature stability

21.1DV.1.1.1 A non-metallic material, as described in 21.1, shall have acceptable long-term temperature stability (RTI) at the rated ambient temperature of the switch represented by the T-rating of the switch according to 7.1.3.2 and 7.1.3.3. ~~maximum temperature that the material will experience in the application.~~

21.1DV.1.1.2 The RTI of the non-metallic material shall be represented by the RTI based on mechanical strength without impact and RTI electrical insulation values according to at the minimum thickness employed in the construction. The RTI shall be determined by the long-term tests in UL 746B or CSA C22.2 No. 0.17, or by a generic temperature index for the material class as documented in UL 746B or CSA C22.2 No. 0.17, rated for the intended use of the material (mechanical only, electrical only, or both). The maximum ambient

temperature for a switch part used as both mechanical strength and electrical insulation shall be limited by the lower RTI value.

NOTE Long-term temperature stability is typically not required for a non-metallic material intended to be used at a temperature below 50 °C.

21.1DV.1.1.3 The applicable RTI mechanical strength without impact or RTI electrical insulation according to CSA C22.2 No. 0.17, or UL 746B, shall be determined at a minimum thickness of 0,8 mm (0,031 in) or the minimum thickness employed in the construction, whichever RTI value is greater.

3. Clarification of DVB.4.1.

DVB.4 Tungsten-filament-lamp loads

DVB.4.1 Tungsten-filament lamp load (a.c. or d.c.) used as the load for a switch shall contain the smallest possible number of lamps having standard ratings of not more than 500 W. It is acceptable to use fewer lamps, as long as each one is rated more than 500 W. Tungsten-filament lamps used as the test load shall be the smallest possible number of lamps having standard ratings. When the load is above 500 W, the largest possible number of 500-W lamps shall be used. With the concurrence of those concerned, a tungsten-filament lamp larger than 500 W may be used.

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BSR/UL 153, Standard for Safety for Portable Electric Luminaires

1. Add definitions for interconnected units and interconnecting cords

2.17.2 INTERCONNECTING CORD - A conductor running between two luminaires in a series circuit.

2. Clarify Class 2 circuit enclosure exemption in 9.5 to correlate with 38.2

9.5 A live part operating above Class 2 circuit limit shall be contained in an enclosure constructed of metal, glass, ceramic, porcelain, or polymeric material during normal maintenance and use.

Exception No. 1: A current-carrying part of a wiring device (such as the screw shell and center contact of a lampholder, and the lampholder contacts, ~~start~~ starter holder contacts, and similar components of a fluorescent lamp) that are normally fitted with a functional component (a lamp, a starter, and similar components during use of the unit is not required to be additionally enclosed.

Exception No. 2: A component, such as a ballast, that has an integral outer housing that has been evaluated as an enclosure is not required to be additionally enclosed.

Exception No. 3: The power-supply cord is not required to be contained within the unit.

Exception No. 4: A wire with minimum 0.030 inch (0.76 mm) thermoplastic insulation is not prohibited from being exposed for 2 inches (50.8 mm) or less when it is securely held in place and is routed in close proximity to a portion of the lamp such that the risk of being inadvertently snagged is minimized.

Exception No. 5: A wire or bundle of wires for a lamp supported lampholder is not prohibited from being exposed when:

- a) *The exposed wire or bundle of wires is covered with a glass fiber sleeve or thermoplastic tubing that extends from a point inside the enclosure to within 1/2 inch (12.7 mm) of the lampholder, and the sleeving has a wall thickness of at least 0.017 inch (0.42 mm);*
- b) *The hole in the housing through which the nonenclosed wires emerge is not larger than 5/8 inch (15.9 mm) diameter, or has an area of 0.31 square inch (200 mm²) when other than round in shape; and*
- c) *The wires are provided with a strain relief device at the portable luminaire end, and the device complies with the Strain Relief Test in Section 133.*

Exception No. 6: A wire or cord with a minimum 0.030 inch (0.76 mm) thermoplastic insulation and an insulation-piercing or a crimp connector having all live parts of the connector and the conductors insulated are only required to be housed within the unit such that they are unable to be grasped, pulled, or inadvertently snagged. For instance, it meets the intent of the requirement to have a metal base with a felt pad for a bottom cover where the felt pad is secured by an adhesive and the weight of the unit.

BSR/UL 676, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes

1. Proposal to clarify the corrosion resistance requirements

3.5 All metal parts of a luminaire, including assembly rivets, screws, and the like, shall be of ~~copper, a copper alloy, or other~~ a corrosion resistant metal. Copper alloy parts normally in contact with water shall have a zinc content not in excess of 15 percent. Aluminum and aluminum alloys shall not be used for any part of a luminaire normally in contact with water. Iron and steel parts made resistant to corrosion by plating, galvanizing, or equivalent means are permitted.

Exception No. 1: Metal parts that are completely encapsulated by a potting compound that complies with the Outline of Investigation for Potting Compounds for Swimming Pool, Fountain, and Spa Equipment, Subject 676A, need not be corrosion resistant.

Exception No. 2: Metal parts whose deterioration from corrosion will not adversely affect compliance per (a) - (d) below need not be corrosion resistant:

- a) *Spacings requirements of Section 19, through migration or settling of particles to create a conductive path across insulating materials;*
- b) *Bonding requirements of Section 22;*
- c) *Temperature Test of Section 29, through loss of heatsinking or reflectance; or*
- d) *Electric Shock Test of Section 37, through loss of current-collection capacity.*

2. Proposal to specify requirements for power units for use with swimming pool and spa luminaires

3.11 An external power unit or transformer for a low voltage swimming pool and spa luminaire shall comply with the Outline of Investigation for Power Units for Fountain, Swimming Pool, and Spa Luminaires, Subject 379.

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