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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: August 5, 2012

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.38-201x, Large Metallic Valves for Gas Distribution (Manually Operated, NPS 2 1/2 (DN 65) to NPS 12 (DN 300), 125 psig (8.6 bar) Maximum) (revision of ANSI/ASME B16.38-2007)

This Standard covers requirements for manually operated metallic valves in nominal sizes 2-1/2 (DN 65) through 12 (DN 300) having the inlet and outlet on a common centerline. These valves are intended for controlling the flow of gas from open to fully closed positions, for use in distribution and service lines where the maximum gage pressure does not exceed 125 psig (8.6 bar). Valve seats, seals, and stem packing may be nonmetallic.

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

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

NSF (NSF International)

Revision

BSR/BIFMA e3-201x, Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2012)

The purpose of the ballot is to clarify boundaries in 5.3.1 and 5.4.

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

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

NSF (NSF International)

Revision

BSR/BIFMA e3-201x, Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2012)

The purpose of the ballot is to:

- add a definition for homogenous material;
- add, in section 7.4, the use of this definition as well as total weight of materials; and
- add information to 7.5.1 for clarity.

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

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

NSF (NSF International)

Revision

BSR/NSF 55-201x (i35), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2009)

The proposed revision will add the option to use T1 Coliphage as the challenge organism for Class B devices under ANSI/NSF 55.

[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

NSF (NSF International)

Revision

BSR/NSF 173-201x (i45), Dietary Supplements (revision of ANSI/NSF 173-2011)

Issue 45: The purpose of this ballot is to modify 5.3.2 Pesticides and 7.2.1 Multi-residue method in ANSI/NSF 173. The proposed changes will allow NSF International increased flexibility in conducting pesticide testing, due to the variations and limitations in manufacturer testing. Additionally, a modification to the requirements specific to Panax ginseng or Panax quinquefolius to only apply the zero tolerance limits to products sold and/or distributed within the United States is proposed.

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

Send comments (with copy to psa@ansi.org) to: Lorna Badman, (734) 827-6806, badman@nsf.org

TCIA (ASC A300) (Tree Care Industry Association)

Revision

BSR A300 (Part 7)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Integrated Vegetation Management a. Utility Rights-of-way) (revision of ANSI A300 (Part 7)-2006)

A300 (Part 7) Integrated Vegetation Management (IVM) standards are performance standards for the management of vegetation. Practices for utility rights-of-way IVM, IVM applications, and tree pruning and tree removal in relation to IVM are addressed. It is a guide in the drafting of IVM specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

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

Send comments (with copy to psa@ansi.org) to: Robert Rouse, (603) 314-5380 ext. 117, Rouse@tcia.org

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2166-201X, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units (new standard)

This re-circulation proposal provides revisions to the UL 2166 proposals dated 05-04-12.

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

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 763-201x, Standard for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2012b)

- (1) Addition of requirements for field-attached accessories;
- (2) Addition of requirements for internal wiring flexing;
- (3) Revision of the dielectric voltage-withstand test to specify a DC dielectric test potential.

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

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

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

BSR/UL 1561-201x, Standard for Safety for Dry-Type General Purpose and Power Transformers (revision of ANSI/UL 1561-2011)

Revised Requirements for the Testing of Transformers with Multiple Frequencies

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

Single copy price: Contact comm2000 for pricing and delivery options

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

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

BSR/UL 2231-2-201X, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2011)

1. The Proposed Second Edition of the Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems, UL 2231-2, to Harmonize Requirements with ANCE and CSA

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

Single copy price: Contact comm2000 for pricing and delivery options

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

Comment Deadline: August 20, 2012**APSP (Association of Pool and Spa Professionals)****New Standard**

BSR/APSP-6-201x, Standard for Residential Portable Spas and Swim Spas (new standard)

This standard is intended to cover factory-built residential portable (self-contained) spas or swim spas that are used for bathing and are operated by an owner. This standard does not cover non-self-contained spas, public spas, public swim spas or permanently installed residential spas, or swim spas.

Single copy price: Free

Obtain an electronic copy from: bcrenshaw@APSP.org

Order from: Bernice Crenshaw, (703) 838-0083 x150, bcrenshaw@APSP.org

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

ASA (ASC S12) (Acoustical Society of America)**New Standard**

BSR/ASA S12.58-201x, Sound Power Level Determination for Sources Using a Single-Source Position (new standard)

Describes a method for determining sound power levels of noise sources that emit broadband sound and/or discrete frequency sounds/tones using reverberation rooms. Applies when it's undesirable or unfeasible to move the source to decrease uncertainty of measurement. Described method requires reverberation room pre-qualification through test and requires use of comparison method to determine sound power levels. Specifies environment, procedures and equipment used to qualify the room by test.

Single copy price: \$110.00

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

ASA (ASC S3) (Acoustical Society of America)**Revision**

BSR/ASA S3.36-201x, Specification for a Manikin for Simulated in-situ Airborne Acoustic Measurements (revision and redesignation of ANSI S3.36-1985 (R2006))

The present standard describes a manikin for airborne acoustic measurements. It comprises a head with external ears and ear canals, and a torso that simulates a median human adult. It is intended primarily as an instrument for measuring the response of acoustical devices under simulated in situ conditions. Acoustical performance requirements are given as well as informative geometric descriptions.

Single copy price: \$120.00

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

ASABE (American Society of Agricultural and Biological Engineers)**Revision**

BSR/ASAE EP486.2 MONYEAR-201x, Shallow Post and Pier Foundation Design (revision of ANSI/ASAE EP486.1-OCT00 (R2005))

Contains safety factors and other provisions for allowable stress design (ASD) which is also know as working stress design, and for load and resistance factor design (LRFD) which is also known as strength design. It also contains properties and procedures for modeling soil deformation for use in structural building frame analyses.

Single copy price: \$55.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

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

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

BSR/ASME AG-1-201x, Code on Nuclear Air and Gas Treatment (revision of ANSI/ASME AG-1-2009)

Provide requirements for the performance, design, construction, acceptance testing, and quality assurance of equipment used as components in nuclear safety-related air and gas treatment systems in nuclear facilities.

Single copy price: \$free

Order from: Mayra Santiago, ASME; Global Engineering
DocumentsBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Oliver Martinez, (212) 591-7005, martinezo@asme.org

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

BSR/ASME NQA-1-2008, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2008)

To develop, manage, and/or coordinate quality assurance and quality assurance related codes and standards applicable to siting, design, construction, operation, and decommissioning of nuclear power plants and nuclear fuel cycle facilities.

Single copy price: \$free

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

Order from: Mayra Santiago, ASME; Global Engineering
DocumentsBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Oliver Martinez, (212) 591-7005, martinezo@asme.org

ASTM (ASTM International)**New Standard**

BSR/ASTM F1827-201x, Terminology Relating to Food Service Equipment (new standard)

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;
cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM F2432-201x, Specification for Ice Making Machines, Icemaker-Dispensers and Ice Dispensing Equipment (new standard)

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;
cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK23226-201x, Specification for Multilayer [Polyethylene-Polyamide (PE-PA), Polyamide-Polyethylene (PA-PE) and Polyamide-Polyethylene-Polyamide (PA-PE-PA)] Pipe for Pressure Piping Applications (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;
cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK25531-201x, Practice for Control of Respiratory Hazards in the Metal Removal Fluid Environment (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;
cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK28623-201x, Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings (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;
cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK30297-201x, Practice for Utilization of Mobile, Automated Epoxy Curde-in-Place Pipe (CIPP) Impregnation Systems (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;
cleonard@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK31289-201x, Specification for Metric-Sized Black Crosslinked Polyethylene (PEX) Line Pipe, Fittings and Joining Methods (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; cleonard@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK32201-201x, Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 Wall and Fittings for Radiant Heating Systems (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; cleonard@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK33352-201x, Specification for Metric-Sized Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints for Gas Applications (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; cleonard@astm.org

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ASTM (ASTM International)

New Standard

BSR/ASTM WK33567-201x, Specification for PVC Hub and Elastomeric Seal(Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK36181-201x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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ASTM (ASTM International)

New Standard

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

http://www.astm.org/ANSI_SA

Single copy price: Free

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM D2466-2006 (R201x), Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 (reaffirmation of ANSI/ASTM D2466 -2006)

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; cleonard@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM D2467-2006 (R201x), Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (reaffirmation of ANSI/ASTM D2467 -2006)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1360-2006 (R201x), Specification for Ovens, Microwave, Electric (reaffirmation of ANSI/ASTM F1360-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$40.00

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1498-2008 (R201x), Specification for Taper Pipe Threads 60 for Thermoplastic Pipe and Fittings (reaffirmation of ANSI/ASTM F1498-2008)

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; cleonard@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1733-2007 (R201x), Specification for Butt Heat Fusion Polyamide (PA) Plastic Fitting for Polyamide (PA) Plastic Pipe and Tubing (reaffirmation of ANSI/ASTM F1733-2007)

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; cleonard@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1804-2008 (R201x), Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe during Pull-In Installation (reaffirmation of ANSI/ASTM F1804-2008)

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; cleonard@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D2290-201x, Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe by Split Disk Method (revision of ANSI/ASTM D2290-2008)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2012b)

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; cleonard@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D2564-201x, Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems (revision of ANSI/ASTM D2564-2004 (R2009))

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; cleonard@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D3261-201x, Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe Tubing (revision of ANSI/ASTM D3261-2010a)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E329-201x, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329 -2011c)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E691-201x, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691 -2011)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM E1488-201x, Guide for Statistical Procedures to Use in Developing and Applying Test Methods (revision of ANSI/ASTM E1488 -2008a)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F409-201x, Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings (revision of ANSI/ASTM F409 -2002 (R2008))

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F512-201x, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (revision of ANSI/ASTM F512-1995 (R2001))

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F628-201x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core (revision of ANSI/ASTM F628-2008)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F876-201x, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2010)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F877-201x, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877 -2011a)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1023-201x, Specification for Dispensers, Powdered Iced Tea (revision of ANSI/ASTM F1023-1999)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1055-201x, Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing (revision of ANSI/ASTM F1055-2011)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1602-201x, Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1602-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$40.00

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1603-201x, Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1603-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$40.00

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1704-201x, Test Method for Capture and Containment Performance of Commercial Kitchen Exhaust Ventilation Systems (revision of ANSI/ASTM F1704-2009)

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; cleonard@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM F1807-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2011)

http://www.astm.org/ANSI_SA

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1960-201x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1960-2011)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1970-201x, Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride) (CPVC) Systems (revision of ANSI/ASTM F1970-2005)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2136-201x, Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe (revision of ANSI/ASTM F2136-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F2418-201x, Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers (revision of ANSI/ASTM F2418-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2509-201x, Specification for Field-Assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F2509-2006 (R2012))

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2620-201x, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2767-201x, Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution (revision of ANSI/ASTM F2767-2009)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2785-201x, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2010a)

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; cleonard@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2787-201x, Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers (revision of ANSI/ASTM F2787-2011)

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; cleonard@astm.org

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

ASTM (ASTM International)**Withdrawal**

ANSI/ASTM F1639-2005, Test Method for Performance of Combination Ovens (withdrawal of ANSI/ASTM F1639-2005)

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; cleonard@astm.org

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

AWS (American Welding Society)**Revision**

BSR/AWS C2.25/C2.25M-201x, Specification for Thermal Spray Feedstock - Wire and Rods (revision of ANSI/AWS C2.25/C2.25M-2002)

This specification provides the as-manufactured chemical composition classification requirements for solid and composite wires and ceramic rods for thermal spraying. Requirements for standard sizes, marking, manufacturing, and packaging are included.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

AWS (American Welding Society)**Revision**

BSR/AWS D17.2/D17.2M-201x, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2007)

This specification provides the general resistance welding requirements for aerospace hardware. It includes, but is not limited to, resistance spot and resistance seam welding of aluminum, magnesium, iron, nickel, cobalt, and titanium-based alloys. There are requirements for machine and procedure qualification, production witness samples, and inspection and acceptance criteria for aerospace hardware.

Single copy price: \$32.50

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

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

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.6-2001 (R201x), Safety Requirements for Manual Turning Machines with or without Auto Control (reaffirmation of ANSI B11.6-2001 (R2007))

This standard specifies safety requirements for the design, construction, operation and maintenance (including installation, dismantling, and transport) of the general class of manually controlled horizontal and vertical spindle turning machines. Machines covered by this standard are intended to work metals and other man-made materials. This standard also applies to devices that are integral to the machine. These machines may have automatic capability but may not be equipped with automatic part handling or bar-feed mechanisms nor automatic tool changing systems.

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.8-2001 (R201x), Safety Requirements for Manual Milling, Drilling, & Boring Machines with or without Automatic Control (reaffirmation of ANSI B11.8-2001 (R2007))

This standard specifies safety requirements for the design, construction, operation and maintenance (including installation, dismantling and transport) of manually controlled milling, drilling, and boring machines. This standard also applies to devices that are integral to the machine. These machines may have automatic capability but may not be equipped with automatic tool changing or automatic part handling systems.

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.11-2001 (R201x), Safety Requirements for Gear and Spline Cutting Machines (reaffirmation of ANSI B11.11-2001 (R2007))

This standard specifies safety requirements for the design, construction, operation, and maintenance (including installation, dismantling, and transport) of gear- and spline-cutting machines. The requirements of this standard apply to machines with single or multiple spindles that are specifically constructed to produce gear teeth by the process of hobbing, milling, shaping, and broaching. It also applies to those machines that shave, hone, lap, or chamfer gear teeth and machines used to produce ratchet, spline, or sprocket teeth

Single copy price: \$75.00

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B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.13-1992 (R201x), Single and Multiple-Spindle Automatic Bar, and Chucking Machines - Safety Requirements for Construction, Care, and Use (reaffirmation of ANSI B11.13-1992 (R2007))

This standard applies to single- and multiple-spindle automatic bar and chucking machines in which all tool movement is controlled by the machine.

Single copy price: \$65.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.15-2001 (R201x), Safety Requirements for Pipe, Tube and Shape Bending Machines (reaffirmation of ANSI B11.15-2001 (R2007))

The requirements of this standard apply to any power-driven machine designed for bending pipe, tube, and shapes by means of bending dies, clamp dies, pressure dies, mandrels, wiper dies, vertical bending punches, radius dies, wing dies, and associated tooling.

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.18-1997 (R201x), Safety Requirements for Machines Processing or Slitting Coiled or Non-Coiled Metal (reaffirmation of ANSI B11.18-1997 (R2006))

This standard applies to machines, and groups of machines arranged in production systems, for processing strip, sheet, or plate metal from a coiled or non-coiled configuration through machines that size or otherwise convert the metal into desired configurations. The terms "strip, sheet or plate" are used interchangeably without dimensional implications. Typical machinery systems include: cut-to-length lines; press feed lines; and slitting lines.

Single copy price: \$85.00

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Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.21-2006 (R201x), Safety Requirements for Machine Tools Using Lasers for Processing Materials (reaffirmation of ANSI B11.21-2006)

This standard applies to machine tools using a laser for processing materials, and its associated equipment. It describes the hazards generated by such machines and states the protective measures to be incorporated into such machines. The standard also contains requirements for the information provided with such machines.

Single copy price: \$95.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.22-2001 (R201x), Safety Requirements for Turning Centers and Automatic Numerically Controlled Turning Machines (reaffirmation of ANSI B11.22-2001 (R2007))

This standard specifies the safety requirements for the design, construction, operation and maintenance (including installation, dismantling and transport) of turning centers and automatic numerically controlled turning machines.

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.23-2001 (R201x), Safety Requirements for Machining Centers and Automatic Numerically Controlled Milling, Drilling and Boring Machines (reaffirmation of ANSI B11.23-2001 (R2007))

This standard specifies the safety requirements for the design, construction, operation and maintenance (including installation, dismantling, and transport) of machining centers and automatic numerically controlled milling, drilling and boring machines. This standard is applicable to machines where the axes of travel is not greater than 1x1x1 m (39x39x39 in).

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

B11 (B11 Standards, Inc.)**Reaffirmation**

BSR B11.24-2001 (R201x), Safety Requirements for Transfer Machines (reaffirmation of ANSI B11.24-2001 (R2007))

This standard specifies the safety requirements for the design, construction, operation and maintenance (including installation, dismantling and transport) of transfer machines.

Single copy price: \$75.00

Obtain an electronic copy from: dfelinski@b11standards.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, dfelinski@b11standards.com

CSA (CSA Group)**Revision**

BSR Z21.57a-201x, Standard for Recreational Vehicle Cooking Gas Appliances (revision of ANSI Z21.57-2005 (R2010), ANSI Z21.57a-2007 (R2010), ANSI Z21.57b-2008 (R2010))

Details test and examination criteria for recreational vehicle cooking gas appliances for use with liquefied petroleum gases or for use with natural gas convertible for use with liquefied petroleum gases. This standard defines a recreational vehicle cooking gas appliance as an appliance for domestic food preparation, providing at least one function of (1) top or surface cooking, (2) oven cooking or (3) broiling and having design features enabling it to meet the special conditions connected for use in a recreational vehicle.

Single copy price: \$50.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

CSA (CSA Group)**Revision**

BSR Z21.98a-201x, Standard for Non-Metallic Dip Tubes for Use in Hot Water Heaters (revision of ANSI Z21.98a-201x)

Details test and examination criteria for non-metallic dip tubes for use in hot water heaters.

Single copy price: \$50.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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CSA (CSA Group)**Revision**

BSR Z83.11-201x, Standard for Gas Food Service Equipment (same as CSA 1.8) (revision of ANSI Z83.11-2006 (R2011), ANSI Z83.11a-2007 (R2011), ANSI Z83.11b-2009 (R2011))

Details test and examination criteria for gas food service equipment for use with natural, manufactured and mixed gases, propane, liquefied petroleum gases and LP gas-air mixtures. The standard provides coverage for ranges and unit broilers, baking and roasting ovens, counter appliances, deep fat fryers and kettles, steam cookers and steam generators.

Single copy price: \$175.00

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Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

FM (FM Approvals)**Reaffirmation**

BSR/FM 4950-2007 (R201x), Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (reaffirmation of ANSI/FM 4950-2007)

Sets performance requirements for welding pads, welding blankets and welding curtains used as a means of preventing the ignition of combustibles during welding, cutting and other hot work operations. Welding pads, welding blankets, and welding curtains will be evaluated on their ability to:

- prevent burn-through of the material;
- provide adequate protection for adjacent combustibles;
- limit temperature transmission through the material;
- resist melting, dripping, or deformation;
- maintain their flexibility, durability, and structural integrity; and
- resist degradation from weathering.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmglobal.com

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

Send comments (with copy to psa@ansi.org) to: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmglobal.com

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

BSR INCITS 256-2007 (R201x), Radio Frequency Identification (RFID) (reaffirmation of ANSI INCITS 256-2007)

Establishes a technical standard for a family of compatible RFID devices, specifically, RFID devices operating in freely available international frequency bands at license-free power levels. Its purposes are as follows:

- Promote interoperability and compatibility between RFID devices by defining a common API and limited physical and data link layer options;
- Support item management applications; and
- Provide flexibility in the physical-layer definitions to allow additional features for uses that value such enhancements.

Single copy price: \$30.00

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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)**Reaffirmation**

BSR/INCITS/ISO/IEC 13211-1-1995 (R201x), Information Technology - Prolog Language Part 1: General Core (reaffirmation of INCITS/ISO/IEC 13211-1-1995 (R2007))

ISO/IEC 13211 is designed to promote the applicability and portability of Prolog text and data among a variety of data processing systems.

Single copy price: \$30.00

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

BSR/INCITS/ISO/IEC 13568-2002 (R201x), Information technology - Z formal specification notation - Syntax, type system and semantics (reaffirmation of INCITS/ISO/IEC 13568-2002 (R2007))

The following are within the scope of this International Standard:

- the syntax of the Z notation;
- the type system of the Z notation;
- the semantics of the Z notation;
- a toolkit of widely used mathematical operators; and
- L A T E X and e-mail mark-up of the Z notation.

Single copy price: \$30.00

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

BSR INCITS 124-1985 (S201x), Information processing systems - Computer graphics - Graphical Kernel System (GKS) Functional Description (stabilized maintenance of ANSI INCITS 124-1985 (R2007))

Specifies a set of functions for computer graphics programming (GKS). GKS is a basic graphics system for applications that produce computer generated two-dimensional pictures on line graphics or raster graphics output devices. It supports operator input and interaction by supplying basic functions for graphical input and picture segmentation and allows storage and dynamic modification of pictures.

Single copy price: \$30.00

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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 172-2002 (S201x), Information Technology - Standard Dictionary of Information Technology (ANSDIT) (stabilized maintenance of ANSI INCITS 172-2002 (R2007))

[NOTE - ANSI INCITS 172-2002 is published in HTML format. The file you will download is a .ZIP file containing all the necessary files. To view the standard, please unzip all of the files and place them into the same folder, then open the HTML file 'ANSDIT.HTM.'. This file provides links to the other sections of the standard.] ANSI INCITS 172-2002 contains concepts used in information technology. In general, concepts or terms found in an everyday non-technical dictionary are not included.

Single copy price: \$30.00

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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 257-1997 (S201x), Information Technology - FDDI Station Management-2 Common Services (SMT-2-CS) (stabilized maintenance of ANSI INCITS 257-1997 (R2007))

This standard specifies the common services portion of station management -2 (SMT-2-CS) for the Fibre Distributed Data Interface (FDDI). FDDI provides a high-bandwidth (100 Mbit/s), general-purpose interconnection among computers and peripheral equipment using optical fibre or copper twisted pair as the transmission medium in a ring configuration. FDDI can be configured to support a sustained transfer rate of approximately 80 Mbit/s (10 Mbyte/s). The use of dual attachment stations with dual MACs allows these rates to be doubled under the circumstance of a fault-free FDDI ring.

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: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

Stabilized Maintenance

BSR INCITS 258-1997 (S201x), Fibre Distributed Data Interface (FDDI) - Station Management-2 - Isochronous Services (SMT-2-IS) (stabilized maintenance of ANSI INCITS 258-1997 (R2007))

This standard specifies the Isochronous Services portion of Station Management-2 (SMTP-IS) for the Fibre Distributed Data Interface (FDDI). FDDI provides a high-bandwidth (100 megabits per second), general-purpose interconnection among computers and peripheral equipment using optical fibre or copper twisted pair as the transmission medium in a ring configuration. FDDI can be configured to support a sustained transfer rate of approximately 80 megabits (10 megabytes) per second. The use of dual attachment stations with dual MACs allows these rates to be doubled under the circumstance of a fault-free FDDI ring.

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

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

Stabilized Maintenance

BSR INCITS 259-1997 (S201x), Information Technology - FDDI Station Management-2 Packet Services (SMT-2-PS) (stabilized maintenance of ANSI INCITS 259-1997 (R2007))

This standard specifies the Packet Services portion of Station Management -2 (SMT-2-PS) for the Fibre Distributed Data Interface (FDDI). FDDI provides a high-bandwidth (100 megabits per second), general-purpose interconnection among computers and peripheral equipment using optical fibre or copper twisted pair as the transmission medium in a ring configuration. FDDI can be configured to support a sustained transfer rate of approximately 80 megabits (10 megabytes) per second. The use of dual attachment stations with dual MACs allows these rates to be doubled under the circumstance of a fault-free FDDI ring.

Single copy price: \$30.00

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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 273-1997 (S201x), Information Technology - CASE Tool Integration Messages (stabilized maintenance of ANSI INCITS 273-1997 (R2007))

This standard includes an abstract interface to services used by CASE tools. This interface will insulate a tool that uses a service from the provider of the service. The standard focuses on:

- Defining specific messages with their abstract parameters;
- Message semantics;
- Message sequencing (constraints on message ordering); and
- Messages for Computer Aided Software Engineering domain.

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

Stabilized Maintenance

BSR INCITS 278-1997 (S201x), Information Technology - Fibre distributed data interface (FDDI) - Physical Layer Repeater Protocol (PHY-REP) (stabilized maintenance of ANSI INCITS 278-1997 (R2007))

This FDDI standard specifies the Physical Layer Repeater Protocol (PHY-REP) for the upper sublayer of the FDDI Physical Layer. FDDI provides a high-bandwidth (100 Mbit/s), general-purpose interconnection among information processing systems, subsystems, and peripheral equipment, using fibre optics or other transmission media. FDDI can be configured to support a sustained data transfer rate of at least 80 Mbit/s (10 Mbyte/s). FDDI provides connectivity for many nodes distributed over distances of many kilometers in extent.

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

Stabilized Maintenance

BSR INCITS 286-1997 (S201x), Information Technology - Abstract Test Suite for FDDI Station Management Conformance Testing (FDDI SMT ATS) (stabilized maintenance of ANSI INCITS 286-1997 (R2007))

This American National Standard contains the Abstract Test Suites for the Fiber Distributed Data Interface (FDDI) token ring Station Management (SMT) layer protocol. The SMT Protocol is extensive and very complex. In the development process, the protocol was broken into six separate areas. Those areas dealt with:

- Physical Connection Management (PCM);
- Entity Coordination Management (ECM) Ring Management (RMT);
- Configuration Management (CMT);
- Frame-Based Management (FBM); and
- Management Information Base (MIB).

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Stabilized Maintenance

BSR INCITS 319-1998 (S201x), Information Technology - Programming Languages - Smalltalk (stabilized maintenance of ANSI INCITS 319-1998 (R2007))

This is a standard for the Smalltalk language such that:

- (1) Working only from the standard, a conforming implementation can be produced;
- (2) Smalltalk programs that conform to the standard will have the same execution semantics on any conforming implementation; and
- (3) the standard shall be sufficiently complete to allow useful Smalltalk programs to be constructed.

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

Stabilized Maintenance

BSR INCITS 137:1988/AM1-1999 (S201x), Information Systems - One- and Two-sided, Unformatted, 90-mm (3.5-in), 5.3-tpmm (135-tpi) Flexible Disk Cartridge for 7958 BPR Use - General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 137:1988/AM1-1999 (R2007))

The revision contains substantive and editorial changes to INCITS 137:1988. The standard specifies the general, physical, and magnetic requirements for inter-changeability of the one-and two-sided 90-mm (3.5-in) (nominal) flexible disk cartridge (for 7958 bits-per-radian (bpr) use) as required to achieve unformatted disk cartridge interchange among disk drives using 80 tracks per side and associated information processing systems.

Single copy price: \$30.00

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 9593-1-1990 (S201x), Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN (Formerly X3.144.1) (stabilized maintenance of INCITS/ISO/IEC 9593-1-1990 (R2007))

Specifies a language-independent nucleus of a graphics system. For integration into a programming language, PHIGS is embedded in a language-dependent layer obeying the particular conventions of that language. This standard specifies such a language-dependent layer for the FORTRAN language.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9593-4-1991 (S201x), Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991 (R2007))

Specifies a language-independent nucleus of a graphics system. For integration into a programming language, PHIGS is embedded in a language-dependent layer obeying the particular conventions of that language. This standard specifies such a language-dependent layer for the C language.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-1-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 1: Overview, profiles, and conformance (stabilized maintenance of INCITS/ISO/IEC 9636-1-1991 (R2007))

Includes a reference model, the relationship to other standards, and profiles. Establishes the framework for all the parts of ISO/IEC 9636. Does not contain functional descriptions.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-2-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 2: Control (stabilized maintenance of INCITS/ISO/IEC 9636-2-1991 (R2007))

Describes those functions of the interface concerned with virtual device management, coordinate space control, and error control. Annexes A and B form an integral part of this standard. Annex C is for information only.

Single copy price: \$30.00

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-3-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 3: Output (stabilized maintenance of INCITS/ISO/IEC 9636-3-1991 (R2007))

Describes those functions of the interface concerned with output primitives and associated attributes and controls for creating graphical pictures. Annexes A and B form an integral part of this standard. Annexes C, D, E, F, G, and H are for information only.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-4-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 4: Segments (stabilized maintenance of INCITS/ISO/IEC 9636-4-1991 (R2007))

Defines those functions of the interface concerned with the creation, modification, and manipulation of graphic pictures using segments. Annexes A and B form an integral part of this standard. Annexes C and D are for information only.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-5-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 5: Input and Echoing (stabilized maintenance of INCITS/ISO/IEC 9636-5-1991 (R2007))

Defines those functions of the interface concerned with obtaining graphical and non-graphical input from a virtual device. Defines also functions to support echoing of input operations on separate virtual devices.

Single copy price: \$30.00

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

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9636-6-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 6: Raster (stabilized maintenance of INCITS/ISO/IEC 9636-6-1991 (R2007))

Describes those functions of the interface concerned with creating, modifying, retrieving, and displaying portions of an image stored as pixel data. Annexes A and B form an integral part of this standard. Annexes C, D, E, and F are for information only.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9804-1998 (S201x), Information technology - Open Systems Interconnection - Service definition for the Commitment, Concurrency and Recovery service element (stabilized maintenance of INCITS/ISO/IEC 9804-1998 (R2007))

This standard is intended for reference by other specifications when the functionality of commitment, concurrency, and recovery is required.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9805-1-1998 (S201x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol specification - Part 1 (stabilized maintenance of INCITS/ISO/IEC 9805-1-1998 (R2007))

This standard is to be applied by reference from other specifications. This is done within such specifications by reference to the CCR services defined in ITU-T Rec. X.8511/ISO/IEC 9804.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 9805-2-1996 (S201x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 9805-2-1996 (R2007))

This standard is one of a set of International Standards produced to facilitate the interconnection of information processing systems.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 10026-1-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 1: OSI TP Model (stabilized maintenance of INCITS/ISO/IEC 10026-1-1998 (R2007))

This part of ISO/IEC 10026:

- (a) provides a general introduction to the concepts and mechanisms defined in ISO/IEC 10026;
- (b) defines a model of distributed transaction processing;
- (c) defines the requirements to be met by the OSI TP Service; and
- (d) takes into consideration the need to coexist with other Application Service Elements.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 10026-2-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 2: OSI TP Service (stabilized maintenance of INCITS/ISO/IEC 10026-2-1998 (R2007))

This part of ISO/IEC 10026 defines in an abstract way the Distributed Transaction Processing Service with the Application Layer in terms of:

- (a) the actions and events of the service primitives;
- (b) the parameter data associated with each service primitive's action and event; and
- (c) the relationship between, and the valid sequences of, these actions and events.

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BSR/INCITS/ISO/IEC 10026-3-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 3: Protocol Specification (stabilized maintenance of INCITS/ISO/IEC 10026-3-1998 (R2007))

This part of ISO/IEC 10026 provides:

- (a) a statement of the nature of the automation giving the necessary behavior of each of the participating entities which are providing the OSI TP Service;
- (b) the definition clause of the abstract syntax required to convey the TP protocol control information; and
- (c) the conformance requirements to be met by implementations of this protocol.

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BSR/INCITS/ISO/IEC 10026-4-1995 (S201x), Information technology - OSI - Distributed Transaction Processing: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 10026-4-1995 (R2007))

Provides the PICS proforma for the Distributed Transaction Processing Protocol as specified in ITU-T Rec. X.862 ISO/IEC 10026-3 in compliance with the relevant requirements, and in accordance with the relevant guidance, given in CCITT Rec. X.291 ISO/IEC 9646-2.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 10026-5-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 5: Application context proforma and guidelines when using OSI TP (stabilized maintenance of INCITS/ISO/IEC 10026-5-1998 (R2007))

This part of ISO/IEC 10026 specifies requirements specific to OSI TP that should be contained in an application context definition, in addition to the general requirements for an application context definition.

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 10026-6-1995 (S201x), Information technology - Open Distributed Processing - Trading function: Specification - Part 6: Unstructured Data Transfer (stabilized maintenance of INCITS/ISO/IEC 10026-6-1995 (R2007))

This part of ISO/IEC 10026 provides a model for the transfer of application data for transaction processing applications whose application-specific protocol has not been standardized within the OSI environment.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 13817-1-1996 (S201x), Information technology - Programming languages, their environments and system software interfaces - Vienna Development Method - Specification Language - Part 1: Base language (stabilized maintenance of INCITS/ISO/IEC 13817-1-1996 (R2007))

This part of ISO/IEC 13817 specifies the model-based specification language VDM-SL (Vienna Development Method - Specification Language).

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 13923-1996 (S201x), Information Technology - 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-2 Format Using 120 m Length Tape (formerly ISO/IEC 13923:1997) (stabilized maintenance of INCITS/ISO/IEC 13923-1996 (R2007))

This International Standard specifies the physical and magnetic characteristics of a 3.81 mm wide magnetic tape cartridge to enable physical interchangeability of such cartridges between drives.

Single copy price: \$30.00

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 20061:2001 (S201x), Information technology - 12,65 mm wide magnetic tape cassette for information interchange - Helical scan recording DTF-2 (stabilized maintenance of INCITS/ISO/IEC 20061:2001 (R2007))

This International Standard specifies the physical and magnetic characteristics of magnetic tape cassettes, using magnetic tape 12.65 mm wide so as to provide physical interchange of such cassettes between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format, called Digital Tape Format-2 (DTF-2), thereby allowing data interchange between drives by means of such cassettes.

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

Stabilized Maintenance

BSR/INCITS/ISO/IEC 20062:2001 (S201x), Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording VXA-1 format (stabilized maintenance of INCITS/ISO/IEC 20062:2001 (R2007))

This International Standard specifies the physical and magnetic characteristics of an 8 mm wide magnetic tape cartridge to enable physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format called VXA-1, and thereby allowing data interchange between drives by means of such magnetic tape cartridges. This International Standard specifies three types depending on the length of magnetic tape contained in the case, referred to as Type A, Type B, and Type C.

Single copy price: \$30.00

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Stabilized Maintenance

BSR/INCITS/ISO/IEC 20970:2002 (S201x), Information technology - Programming languages, their environments and system software interfaces - JEFF file format (stabilized maintenance of INCITS/ISO/IEC 20970:2002 (R2007))

This International Standard's most immediate interest is for deploying portable applications on small footprint devices. This International Standard provides dramatic savings of dynamic memory and execution time without sacrificing any of the flexibility usually attached to the use of non-pre-linked portable code.

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

Stabilized Maintenance

BSR/ISO/IEC 11572-1994 (S201x), Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Circuit mode bearer services - Inter-exchange signalling procedures and protocol (stabilized maintenance of ANSI/ISO/IEC 11572-1994)

This International Standard defines the signalling procedures and protocol for the purpose of circuit-switched Call Control at the Q-reference point between Private Integrated Network Exchanges (PINXs) connected together within a Private Integrated Services Network (PISN). The Q reference point is defined in ISO/IEC 11579-1. This International Standard is based upon that described in ITU-T Recommendation Q.931, including the provisions for symmetrical operation described in annex D of that recommendation.

Single copy price: \$30.00

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LIA (ASC Z136) (Laser Institute of America)

Revision

BSR Z136.1-201x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2007)

This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

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

NECA (National Electrical Contractors Association)

New Standard

BSR/NECA 701-201x, Standard for Energy Management, Demand Response and Energy Solutions (new standard)

This standard describes methods and procedures used for:

- performing energy conservation surveys;
- controlling and managing energy consumption;
- implementing the smart grid and demand response; and
- developing, implementing, and evaluating energy conservation measures for residential, commercial, and industrial applications.

Single copy price: Free

Obtain an electronic copy from: neis@necanet.org

Order from: Aidan McCallion, (301) 215-4549, Am2@necanet.org

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NEMA (ASC C29) (National Electrical Manufacturers Association)

Reaffirmation

BSR C29.5-1984 (R201x), Wet-Process Porcelain Insulators - Low and Medium Voltage Types (reaffirmation of ANSI C29.5-1984 (R2002))

This standard covers low- and medium-voltage type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy.

Single copy price: \$44.00

Order from: Steve Griffith, 703-841-3297, Steve.Griffith@nema.org

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

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

New Standard

BSR/RESNA ASE-2-201x, RESNA Standard for Adaptive Sports Equipment - Volume 2: Adaptive Golf Cars (new standard)

NGCMA Z130.1-2004 provides Safety and Performance Specifications for Golf Cars. Adaptive golf cars are similar to standard golf cars in many respects but have hand controls, a swivel seat and the golfer swings the golf club while sitting in the adaptive golf car. This creates numerous safety issues not addressed by NGCMA Z130.1-2004 that need to be resolved.

Single copy price: \$75.00

Obtain an electronic copy from: peter@beneficialdesigns.com

Order from: Peter Axelson, (775) 783-8822 ext. 121, peter@beneficialdesigns.com

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SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 22-1-201x, Data-Over-Cable Service Interface Specification DOCSIS 1.0 Radio Frequency Interface (RFI) (revision of ANSI/SCTE 22-1-2002 (R2007))

This document defines the radio-frequency interface specifications for high-speed data-over-cable systems. They were developed by Cable Television Laboratories (CableLabs) for the benefit of the cable industry, including contributions by operators and vendors from North America, Europe, and other regions

Single copy price: \$50.00

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

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

BSR/SCTE 22-2-201x, Data-Over-Cable Service Interface Specification DOCSIS 1.0 Baseline Privacy Interface (BPI) (revision of ANSI/SCTE 22-2-2002 (R2007))

The intent of this specification is to describe a simple Data Privacy function for CMTS-CM communications in the Data-Over-Cable system. While there exists a requirement for secure communications over the cable network in order to protect broadcast content and other high value data transactions, this specification is intended to provide a minimum level of Data Privacy and protection from theft of service for Internet access-like services.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 22-3 201x-201x, Data-Over-Cable Service Interface Specification DOCSIS 1.0 Operations Support System Interface (OSSI) (revision of ANSI/SCTE 22-3-2002 (R2007))

This document outlines the Management Information Bases (MIBs) for high-speed data-over-cable systems developed by the DOCSIS Data Over Cable Services working group.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 23-2-201x, DOCSIS 1.1 Part 2: Baseline Privacy Plus Interface (revision of ANSI/SCTE 23-2-2007)

The intent of this BPI+ specification is to describe MAC layer security services for DOCSIS (R) CMTS - CM communications.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SSFI (Scaffolding, Shoring & Forming Institute)**New Standard**

BSR/SSFI F400-200x, Standards for Testing and Rating Vertical Concrete Formwork, Ties, and Accessories (new standard)

This standard contains procedures for testing and rating vertical concrete formwork, ties, and accessories.

Single copy price: Free

Obtain an electronic copy from: ssfi@ssfi.org

Order from: ssfi@ssfi.org

Send comments (with copy to psa@ansi.org) to: Christopher Johnson, (216) 241-7333 x3027, ssfi@ssfi.org

SSFI (Scaffolding, Shoring & Forming Institute)**New Standard**

BSR/SSFI SPS 2.1-200x, Standard Requirements for Testing and Rating Multiple Point Suspended Scaffold Platforms with Hinged Connections (new standard)

These requirements cover platforms and modular stage platforms used for suspended scaffolds with more than two suspension points arranged in a straight line. Platforms to be in accordance with ANSI/UL 1322.

Single copy price: Free

Obtain an electronic copy from: ssfi@ssfi.org

Order from: ssfi@ssfi.org

Send comments (with copy to psa@ansi.org) to: cjohnson@thomasamc.com

TCIA (ASC A300) (Tree Care Industry Association)**New Standard**

BSR A300 (Part 8)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Root Management) (new standard)

A300 (Part 8) Root Management standards will be performance standards for the management of roots. Methods for root pruning and cutting, directing root growth, and managing roots in fill are addressed. It is a guide in the drafting of root management specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Free (Electronic copy); \$15.00 each for S&H (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

Order from: Robert Rouse, (603) 314-5380 ext. 117, Rouse@tcia.org

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

TCIA (ASC A300) (Tree Care Industry Association)**Revision**

BSR A300 (Part 3)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Supplemental Support Systems) (revision of ANSI A300 (Part 3)-2006)

A300 (Part 3) Supplemental Support Systems standards are performance standards for the installation of supplemental support systems for trees. Cabling, bracing, propping, and guying support methods are addressed. It is a guide in the drafting of supplemental support system specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Free (Electronic copy); \$15.00 each for S&H (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

Order from: Robert Rouse, (603) 314-5380 ext. 117, Rouse@tcia.org

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

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

BSR/UL 296A-2004 (R201x), Standard for Safety for Waste Oil-Burning Air-Heating Appliances (reaffirmation of ANSI/UL 296A-2004 (R2008))

UL proposes a reaffirmation for ANSI approval of UL 296A.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 729-2008 (R201x), Standard for Safety for Oil-Fired Floor Furnaces (reaffirmation of ANSI/UL 729-2008)

UL proposes a reaffirmation for ANSI approval of UL 729.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 730-2008 (R201x), Standard for Safety for Oil-Fired Wall Furnaces (reaffirmation of ANSI/UL 730-2008)

UL proposes a reaffirmation for ANSI approval of UL 730.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 731-2004 (R201x), Standard for Safety for Oil-Fired Unit Heaters (reaffirmation of ANSI/UL 731-2004 (R2008))

UL proposes a reaffirmation for ANSI approval of UL 731.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 896-2004 (R201x), Standard for Safety for Oil-Burning Stoves (reaffirmation of ANSI/UL 896-2004 (R2008))

UL proposes a reaffirmation for ANSI approval of UL 896.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 1993-201X, Standard for Safety for Self-Ballasted Lamps and Lamp Adapters (revision of ANSI/UL 1993-2009)

The following topics for UL 1993, are being recirculated:

(1) This proposed fourth edition of UL 1993, includes the following major changes:

- (a) Miscellaneous corrections and revised marking section;
- (b) Clarify use of polymeric materials in 5.3.1;
- (c) Change of end product requirement to material requirement in Clause 5.3.4;
- (d) Change of material requirement to end product requirement in Clauses 5.3.6 and 8.9.2;
- (e) Add requirements for screwshell metal of device bases for damp location applications;
- (f) Clarify fusing resistors used for thermal protection;
- (g) Clarification of insulation system requirement;
- (h) Relocate qualifying requirements for humidity conditioning;
- (i) Provide additional requirements for small coils for inductor thermal measurement method in temperature test;
- (j) Delete subsequent testing by dielectric voltage withstand in 8.9.3;
- (k) Temperature test fixture dimension correction; and
- (l) Add Supplement A for Devices Using Light Emitting Diodes (LED).

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: September 4, 2012

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

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

BSR/ANS 10.7-201x, Non-Real Time, High Integrity Software for the Nuclear Industry (new standard)

This standard addresses rigorous, systematic development of high integrity, non-real time safety analysis, design, simulation software which includes calculations or simulations that can have critical consequences if errors are not detected, but that are so complex that typical peer reviews are not likely to identify errors.

Single copy price: \$30.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

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

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

BSR/ASME B30.29-200x, Self-Erecting Tower Cranes (new standard)

B30.29 includes provisions that apply to the construction, operation, inspection, testing and maintenance of powered, self-erect tower cranes, which adjust operating radius by means of a trolley traversing a jib. These may be horizontal, elevated, articulating, or telescoping, used for vertical lifting and lowering of freely suspended, unguided loads which consist of equipment and materials.

Self-erect tower cranes have vertical or nearly vertical masts that are bottom slewing and mounted on fixed, traveling, or mobile bases. The cranes are capable of moving or being moved from jobsite to jobsite fully assembled or nearly fully assembled.

This volume does not apply to cranes used for non-vertical lifting service or lifting a guided load and truck-mounted material delivery cranes with a tubular boom and trolley traversing the boom. Tower cranes (refer to ASME B30.3) and mobile crane tower attachments (refer to ASME B30.5) are not within the scope of this volume.

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: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

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

BSR/ASME B107.110-201x, Socket Wrenches (revision, redesignation and consolidation of ANSI/ASME B107.1-2007, ANSI/ASME B107.2-2002, ANSI/ASME B107.5M-2002, ANSI/ASME B107.10-2005, ANSI/ASME B107.12-2004, ANSI/ASME B107.33M-2002, ANSI/ASME B107.34M-2003)

B107.110 defines essential performance and safety requirements specifically applicable to hand sockets wrenches, socket wrenches for spark plugs, nut drivers, handles and attachments for hand sockets, and driving and spindle ends for portable hand, impact, air and electric tools. It specifies test methods to evaluate performance related to the defined requirements and safety, and indicates limitations of safe use. Principal changes are the uniform inclusion of performance requirements and test methods that evaluate both performance and safety as well as uniform format for sections on definitions, references, performance requirements, tests, and safety requirements and limitations of use.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Thomas Schellens, (212) 591-8077, schellenst@asme.org

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

BSR/ASME QME-1-201x, Qualification of Active Mechanical Equipment Used in Nuclear Power Plants (revision of ANSI/ASME QME-1-2007)

This Standard provides the requirements and guidelines for the qualification of active mechanical equipment whose function is required to ensure the safe operation or safe shutdown of a nuclear facility.

Single copy price: Free

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

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

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

BSR/ASME TDP-1-201x, Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Fossil-Fueled Plants (revision of ANSI/ASME TDP-1-2006)

This Standard includes recommended practices concerned primarily with the prevention of water damage to steam turbines used for fossil-fuel-fired electric power generation. The practices address damage due to water, wet steam, and steam backflow into a steam turbine. The practices are applicable to conventional steam cycle, combined cycle, and cogeneration plants. The practices cover design, operation, inspection, testing, and maintenance of those aspects of the following power plant systems and equipment concerned with preventing the induction of water into steam turbines:

- (a) motive steam systems
- (b) steam attemperation systems
- (c) turbine extraction/admission systems
- (d) feedwater heaters
- (e) turbine drain system
- (f) turbine steam seal system
- (g) start-up systems
- (h) condenser steam and water dumps
- (i) steam generator sources

Any connection to the turbine is a potential source of water either by induction from external equipment or by accumulation of condensed steam. The sources treated herein specifically are those found to be most frequently involved in causing damage to turbines. Although water induction into the high and intermediate pressure turbines has historically been recognized as the most damaging, experience has shown that water induction in low pressure turbines can cause significant damage and should also be taken seriously.

This Standard is not intended to impose new requirements retroactively for existing facilities.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Thomas Schellens, (212) 591-8077, schellenst@asme.org

ASSE (Safety) (American Society of Safety Engineers)***Reaffirmation***

BSR/ASSE Z590.2-2003 (R201x), Criteria for Establishing the Scope and Functions of the Professional Safety Position (reaffirmation of ANSI/ASSE Z590.2-2003)

This standard establishes the scope and functions of the professional safety position.

Single copy price: Free

Obtain an electronic copy from: TFisher@ASSE.org

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.org

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

Corrections

Project Intent Incorrect

BSR/ISA 95.00.05 (IEC 62264-5 Mod)-201x

The project intent for BSR/ISA 95.00.05 (IEC 62264-5 Mod)-201x was incorrectly listed as "adopt and modify IEC" in the Call for Comment section of Standards Action, April 8, 2011. It has been changed to (revision of ANSI/ISA 95.00.05-2007).

Repeated Listing

BSR N14.6-200x

BSR N14.6-200x, Special Lifting Devices for Shipping Containers Weighing 10,000 Pounds (4,500 kg) or More, was mistakenly listed under two separate comment deadlines.

The correct comment deadline is July 23, 2012, as announced in the 6/8/2012 edition of Standards Action.

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 12417-201x, Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products (identical national adoption of ISO 12417)

BSR/AAMI/ISO 17137-201x, Cardiovascular implants and extracorporeal systems - Cardiovascular absorbable implants (identical national adoption of ISO 17137)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS 124-1985 (S201x), Information processing systems - Computer graphics - Graphical Kernel System (GKS) Functional Description (stabilized maintenance of ANSI INCITS 124-1985 (R2007))

BSR INCITS 172-2002 (S201x), Information Technology - Standard Dictionary of Information Technology (ANSDIT) (stabilized maintenance of ANSI INCITS 172-2002 (R2007))

BSR INCITS 256-2007 (R201x), Radio Frequency Identification (RFID) (reaffirmation of ANSI INCITS 256-2007)

BSR INCITS 257-1997 (S201x), Information Technology - FDDI Station Management-2 Common Services (SMT-2-CS) (stabilized maintenance of ANSI INCITS 257-1997 (R2007))

BSR INCITS 258-1997 (S201x), Fibre Distributed Data Interface (FDDI) - Station Management-2 - Isochronous Services (SMT-2-IS) (stabilized maintenance of ANSI INCITS 258-1997 (R2007))

BSR INCITS 259-1997 (S201x), Information Technology - FDDI Station Management-2 Packet Services (SMT-2-PS) (stabilized maintenance of ANSI INCITS 259-1997 (R2007))

BSR INCITS 273-1997 (S201x), Information Technology - CASE Tool Integration Messages (stabilized maintenance of ANSI INCITS 273-1997 (R2007))

BSR INCITS 278-1997 (S201x), Information Technology - Fibre distributed data interface (FDDI) - Physical Layer Repeater Protocol (PHY-REP) (stabilized maintenance of ANSI INCITS 278-1997 (R2007))

BSR INCITS 286-1997 (S201x), Information Technology - Abstract Test Suite for FDDI Station Management Conformance Testing (FDDI SMT ATS) (stabilized maintenance of ANSI INCITS 286-1997 (R2007))

BSR INCITS 319-1998 (S201x), Information Technology - Programming Languages - Smalltalk (stabilized maintenance of ANSI INCITS 319-1998 (R2007))

BSR INCITS 137:1988/AM1-1999 (S201x), Information Systems - One- and Two-sided, Unformatted, 90-mm (3.5-in), 5.3-tpmm (135-tpi) Flexible Disk Cartridge for 7958 BPR Use - General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 137:1988/AM1-1999 (R2007))

BSR/INCITS/ISO/IEC 9593-1-1990 (S201x), Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN (formerly X3.144.1) (stabilized maintenance of INCITS/ISO/IEC 9593-1-1990 (R2007))

BSR/INCITS/ISO/IEC 9593-4-1991 (S201x), Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-1-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 1: Overview, profiles, and conformance (stabilized maintenance of INCITS/ISO/IEC 9636-1-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-2-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 2: Control (stabilized maintenance of INCITS/ISO/IEC 9636-2-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-3-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 3: Output (stabilized maintenance of INCITS/ISO/IEC 9636-3-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-4-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 4: Segments (stabilized maintenance of INCITS/ISO/IEC 9636-4-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-5-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 5: Input and Echoing (stabilized maintenance of INCITS/ISO/IEC 9636-5-1991 (R2007))

BSR/INCITS/ISO/IEC 9636-6-1991 (S201x), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 6: Raster (stabilized maintenance of INCITS/ISO/IEC 9636-6-1991 (R2007))

BSR/INCITS/ISO/IEC 9804-1998 (S201x), Information technology - Open Systems Interconnection - Service definition for the Commitment, Concurrency and Recovery service element (stabilized maintenance of INCITS/ISO/IEC 9804-1998 (R2007))

BSR/INCITS/ISO/IEC 9805-1-1998 (S201x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol specification - Part 1 (stabilized maintenance of INCITS/ISO/IEC 9805-1-1998 (R2007))

BSR/INCITS/ISO/IEC 9805-2-1996 (S201x), Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 9805-2-1996 (R2007))

BSR/INCITS/ISO/IEC 10026-1-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 1: OSI TP Model (stabilized maintenance of INCITS/ISO/IEC 10026-1-1998 (R2007))

BSR/INCITS/ISO/IEC 10026-2-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 2: OSI TP Service (stabilized maintenance of INCITS/ISO/IEC 10026-2-1998 (R2007))

BSR/INCITS/ISO/IEC 10026-2-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 2: OSI TP Service (stabilized maintenance of INCITS/ISO/IEC 10026-2-1998 (R2007))

BSR/INCITS/ISO/IEC 10026-3-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 3: Protocol Specification (stabilized maintenance of INCITS/ISO/IEC 10026-3-1998 (R2007))

BSR/INCITS/ISO/IEC 10026-4-1995 (S201x), Information technology - OSI - Distributed Transaction Processing: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 10026-4-1995 (R2007))

BSR/INCITS/ISO/IEC 10026-5-1998 (S201x), Information technology - OSI - Distributed Transaction Processing - Part 5: Application context proforma and guidelines when using OSI TP (stabilized maintenance of INCITS/ISO/IEC 10026-5-1998 (R2007))

BSR/INCITS/ISO/IEC 10026-6-1995 (S201x), Information technology - Open Distributed Processing - Trading function: Specification - Part 6: Unstructured Data Transfer (stabilized maintenance of INCITS/ISO/IEC 10026-6-1995 (R2007))

BSR/INCITS/ISO/IEC 13211-1-1995 (R201x), Information Technology - Prolog Language Part 1: General Core (reaffirmation of INCITS/ISO/IEC 13211-1-1995 (R2007))

BSR/INCITS/ISO/IEC 13568-2002 (R201x), Information technology - Z formal specification notation - Syntax, type system and semantics (reaffirmation of INCITS/ISO/IEC 13568-2002 (R2007))

BSR/INCITS/ISO/IEC 13817-1-1996 (S201x), Information technology - Programming languages, their environments and system software interfaces - Vienna Development Method - Specification Language - Part 1: Base Language (stabilized maintenance of INCITS/ISO/IEC 13817-1-1996 (R2007))

BSR/INCITS/ISO/IEC 13923-1996 (S201x), Information Technology - 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-2 Format Using 120 m Length Tape (formerly ISO/IEC 13923:1997) (stabilized maintenance of INCITS/ISO/IEC 13923-1996 (R2007))

BSR/INCITS/ISO/IEC 20061:2001 (S201x), Information technology - 12,65 mm wide magnetic tape cassette for information interchange - Helical scan recording DTF-2 (stabilized maintenance of INCITS/ISO/IEC 20061:2001 (R2007))

BSR/INCITS/ISO/IEC 20062:2001 (S201x), Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording VXA-1 format (stabilized maintenance of INCITS/ISO/IEC 20062:2001 (R2007))

BSR/INCITS/ISO/IEC 20970:2002 (S201x), Information technology - Programming languages, their environments and system software interfaces - JEFF file format (stabilized maintenance of INCITS/ISO/IEC 20970:2002 (R2007))

BSR/INCITS/ISO/IEC 16680-201x, Information technology - The Open Group Service Integration Maturity Model (OSIMM) (identical national adoption of ISO/IEC 16680:2012)

BSR/ISO/IEC 11572-1994 (S201x), Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Circuit mode bearer services - Inter-exchange signalling procedures and protocol (stabilized maintenance of ANSI/ISO/IEC 11572-1994)

NECA (National Electrical Contractors Association)

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

Contact: Aidan McCallion

Phone: (301) 215-4549

Fax: 301-215-4500

E-mail: Am2@necanet.org

BSR/NECA 414-201x, Standard for Installing Wind Power Generation Turbines (new standard)

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

Contact: Steve Griffith

Phone: 703-841-3297

Fax: 703-841-3397

E-mail: Steve.Griffith@nema.org

BSR C29.2-201x, Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (new standard)

BSR C29.5-1984 (R201x), Wet-Process Porcelain Insulators - Low and Medium Voltage Types (reaffirmation of ANSI C29.5-1984 (R2002))

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: Charles Bohanan

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 812 om-201x, Ply separation of solid and corrugated fiberboard (wet) (new standard)

BSR/TAPPI T 835 om-201x, Water absorption of corrugating medium: Water drop absorption test (new standard)

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 13022-2012, Medical products containing viable human cells - Application of risk management and requirements for processing practices (identical national adoption of ISO 13022): 6/18/2012

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

New Standard

ANSI/AHRI Standard 550/590 (I-P)-2012, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (new standard): 6/15/2012

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B18.5-2012, Round Head Bolts (Inch Series) (revision of ANSI/ASME B18.5-2008): 7/3/2012

ASSE (ASC A10) (American Society of Safety Engineers)

Reaffirmation

ANSI/ASSE A10.18-2007 (R2012), Safety Requirements for Temporary Floors, Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.18-2007): 7/3/2012

ANSI/ASSE A10.22-2007 (R2012), Safety Requirements for Rope-Guided and Nonguided Workers' Hoists for Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.22-2007): 7/3/2012

ANSI/ASSE A10.34-2001 (R2012), Protection of the Public on or Adjacent to Construction Sites (reaffirmation of ANSI/ASSE A10.34-2001 (R2005)): 7/3/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

ANSI ATIS 0600003-2007 (R2012), Battery Enclosure and Rooms/Areas (reaffirmation of ANSI ATIS 0600003-2007): 7/3/2012

Revision

ANSI ATIS 0300094-2012, Trouble Type Codes in Support of ATIS Trouble Administration Standards (revision of ANSI ATIS 0300094-2008): 6/15/2012

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.13-2012, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2005): 7/2/2012

DASMA (Door and Access Systems Manufacturers Association)

New Standard

* ANSI/DASMA 207-2012, Standard for Rolling Sheet Doors (new standard): 7/3/2012

Revision

* ANSI/DASMA 107-2012, Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation (revision of ANSI/DASMA 107-1997 (R2004)): 6/15/2012

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

* ANSI/IAPMO USEC 1-2012, Uniform Solar Energy Code (revision of ANSI/IAPMO USEC 1-2009): 6/11/2012

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

New National Adoption

INCITS/ISO 19148-2012, Geographic information - Linear referencing (identical national adoption of ISO 19148:2012): 6/15/2012

INCITS/ISO 19149:2012, Geographic information - Rights expression language for geographic information - GeoREL (identical national adoption of ISO 19149:2011): 6/15/2012

INCITS/ISO 19156:2012, Geographic information - Observations and measurements (identical national adoption of ISO 19156:2011): 6/15/2012

INCITS/ISO 19131:2007/Amd 1:2012, Geographic information - Data product specifications - Amendment 1: Requirements relating to the inclusion of an application schema and feature catalogue and the treatment of coverages in an application schema (identical national adoption of ISO 19131:2007/Amd 1:2011): 6/15/2012

Reaffirmation

ANSI INCITS 4-1986 (R2012), Information Systems - Coded Character Sets - 7-Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of ANSI INCITS 4-1986 (R2007)): 6/15/2012

INCITS/ISO/IEC 6937-2001 (R2012), Information technology - Coded graphic character set for text communication - Latin alphabet (reaffirmation of INCITS/ISO/IEC 6937-2001 (R2007)): 6/15/2012

INCITS/ISO/IEC 13660-2001 (R2012), Information technology - Office equipment - Measurement of image quality attributes for hardcopy output - Binary monochrome text and graphic images (reaffirmation of INCITS/ISO/IEC 13660-2001 (R2007)): 6/15/2012

Withdrawal

INCITS/ISO/IEC 9995-5-1994, Information technology - Keyboard layouts for text and office systems - Part 5: Editing section (withdrawal of INCITS/ISO/IEC 9995-5-1994): 6/15/2012

INCITS/ISO/IEC 9995-7-1994, Information technology - Keyboard layouts for text and office systems - Part 7: Symbols used to represent functions (withdrawal of INCITS/ISO/IEC 9995-7-1994): 6/15/2012

INCITS/ISO/IEC 9995-8-1994, Information technology - Keyboard layouts for text and office systems - Part 8: Allocation of letters to the keys of a numeric keypad (withdrawal of INCITS/ISO/IEC 9995-8-1994): 6/15/2012

NEMA (ASC C50) (National Electrical Manufacturers Association)

Revision

ANSI/NEMA MG-1-2011, Motors and Generators (revision of ANSI/NEMA MG 1-2009, Revision 1-2010): 7/2/2012

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

Reaffirmation

ANSI CGATS.20-2002 (R2012), Graphic technology - Variable printing data exchange using PPML and PDF (PPML/VDX) (reaffirmation of ANSI CGATS.20-2002 (R2007)): 6/15/2012

PLASA (PLASA North America)

New Standard

ANSI/E1.6-3-2012, Selection and Use of Chain Hoists in the Entertainment Industry (new standard): 7/3/2012

ANSI E1.32-2012, Guide for the Inspection of Entertainment Industry Luminaires (new standard): 7/3/2012

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 24-21-2012, BV16 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-21-2006): 7/3/2012

ANSI/SCTE 24-23-2012, BV32 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-23-2007): 7/3/2012

ANSI/SCTE 75-2012, Test Point Accuracy (revision of ANSI/SCTE 75-2002 (R2007)): 7/3/2012

ANSI/SCTE 122-2012, SCTE Recommended Optical Fiber Cable Types for Outside Plant Drop Applications (revision of ANSI/SCTE 122-2006): 7/3/2012

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 211 om-2012, Ash in wood, pulp, paper and paperboard: Combustion at 525 degrees C (new standard): 6/15/2012

ANSI/TAPPI T 212 om-2012, One percent sodium hydroxide solubility of wood and pulp (new standard): 6/18/2012

ANSI/TAPPI T 240 om-2012, Consistency (concentration) of pulp suspensions (new standard): 6/18/2012

ANSI/TAPPI T 252 om-2012, pH and electrical conductivity of hot water extracts of pulp, paper, and paperboard (new standard): 6/18/2012

ANSI/TAPPI T 281 sp-2012, Open drum washer mat sampling technique (new standard): 6/18/2012

ANSI/TAPPI T 421 om-2012, Qualitative (including optical microscopic) analysis of mineral filler and mineral coating of paper (new standard): 6/18/2012

ANSI/TAPPI T 444 om-2012, Silver tarnishing by paper and paperboard (new standard): 7/2/2012

ANSI/TAPPI T 464 om-2012, Water vapor transmission rate of paper and paperboard at high temperature and humidity (new standard): 6/18/2012

ANSI/TAPPI T 525 om-2012, Diffuse brightness of paper, paperboard and pulp (d/0) - Ultraviolet level C (new standard): 7/2/2012

ANSI/TAPPI T 530 om-2012, Size test for paper by ink resistance (Hercules-type method) (new standard): 7/2/2012

ANSI/TAPPI T 568 om-2012, Physical area of sub-visible contraries in pulp, paper, and paperboard by image analysis (new standard): 7/2/2012

ANSI/TAPPI T 802 om-2012, Drop test for fiberboard shipping containers (new standard): 6/18/2012

ANSI/TAPPI T 1215 sp-2012, The determination of instrumental color differences (new standard): 6/18/2012

ANSI/TAPPI T 1216 sp-2012, Indices for whiteness, yellowness, brightness, and luminous reflectance factor (new standard): 6/18/2012

ANSI/TAPPI T 1217 sp-2012, Photometric linearity of optical properties instruments (new standard): 6/18/2012

ANSI/TAPPI T 1218 sp-2012, Calibration of reflectance standards for hemispherical geometry (new standard): 6/18/2012

ANSI/TAPPI T 1219 sp-2012, Storage of paper samples for optical measurements and color matching (new standard): 6/15/2012

TIA (Telecommunications Industry Association)

Reaffirmation

ANSI/TIA J-STD-025-B-1-2006 (R2012), Lawfully Authorized Electronic Surveillance (LAES) - Addendum 1: Addition of Mobile Equipment Identifier (MEID) (reaffirmation of ANSI/TIA J-STD-025-B-1-2006): 4/12/2012

UL (Underwriters Laboratories, Inc.)

New National Adoption

* ANSI/UL 60065-2012a, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2007): 6/13/2012

* ANSI/UL 60065-2012b, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2007): 6/13/2012

* ANSI/UL 60065-2012c, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2012): 6/13/2012

ANSI/UL 61800-5-1-2012, Standard for Safety for Adjustable Speed Electrical Power Drive Systems; Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption with modifications of IEC 61800-5-1): 6/8/2012

New Standard

ANSI/UL 8752-2012, Standard for Safety for Organic Light Emitting Diode (OLED) Panels (new standard): 6/13/2012

ANSI/UL 8752-2012a, Standard for Safety for Organic Light Emitting Diode (OLED) Panels (new standard): 6/13/2012

Revision

- * ANSI/UL 507-2012, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2010): 6/18/2012
- ANSI/UL 844-2012, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (Proposal dated 04-27-12) (revision of ANSI/UL 844-2008a): 6/29/2012
- ANSI/UL 943-2012, Standard for Safety for Ground-Fault Circuit-Interrupters (Bulletin dated November 26, 2010) (revision of ANSI/UL 943-2010): 6/26/2012
- * ANSI/UL 943-2012a, Standard for Safety for Ground-Fault Circuit-Interrupters (Bulletin dated September 16, 2011) (revision of ANSI/UL 943-2010): 6/26/2012
- * ANSI/UL 943-2012b, Standard for Safety for Ground-Fault Circuit-Interrupters (Bulletin dated February 24, 2012) (revision of ANSI/UL 943-2010a): 6/26/2012
- ANSI/UL 1008-2012, Standard for Safety for Transfer Switch Equipment (Proposal dated 9/16/11) (revision of ANSI/UL 1008-2011): 6/29/2012
- ANSI/UL 1008-2012a, Standard for Safety for Transfer Switch Equipment (Proposals dated 1/20/12) (revision of ANSI/UL 1008-2011): 6/29/2012
- ANSI/UL 1666-2012, Standard for Safety for Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts (revision of ANSI/UL 1666-2007 (R2011)): 6/27/2012

VITA (VMEbus International Trade Association (VITA))

New Standard

- ANSI/VITA 67.1-2012, Coaxial Interconnect on VPX, 3U, 4 Position SMPM Configuration (new standard): 7/3/2012
- ANSI/VITA 67.2-2012, Coaxial Interconnect on VPX, 8 Position SMPM (new standard): 7/3/2012

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.

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI/ISO 12417-201x, Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products (identical national adoption of ISO 12417)

Stakeholders: Manufacturers and users of vascular device-drug combination products.

Project Need: Provides safety and performance requirements for device-drug combination products.

Covers products that deliver a drug (e.g., drug eluting stent) or a drug that is "permanently" bound on the device surface (e.g., Heparin coated stent), and gives technical guidance for device manufacturers and assessors regarding typical drug-device interface problems (e.g., EO residuals limits are different for drugs and devices). Shall not include products whose main function is drug delivery (e.g., syringes).

BSR/AAMI/ISO 17137-201x, Cardiovascular implants and extracorporeal systems - Cardiovascular absorbable implants (identical national adoption of ISO 17137)

Stakeholders: Manufacturers and users of cardiovascular absorbable implants.

Project Need: Provides safety and performance requirements for cardiovascular absorbable implants.

Specifies requirements for cardiovascular absorbable implants based upon current technical and medical knowledge. With regard to safety, this document outlines requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization packaging, and information supplied by the manufacturer.

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

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BSR/AHRI Standard 570 (I-P)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for positive-displacement, carbon-dioxide-refrigerant compressors and compressor units: definitions; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data, and conformance conditions.

This standard applies to electric-motor-driven, single- and variable-capacity, single- and two-stage Positive Displacement Refrigerant Compressors and Compressor Units operating with carbon dioxide in both subcritical and transcritical applications for refrigeration. This standard also applies to the presentation of performance data for Positive Displacement Compressor and Compressor Units operating with carbon dioxide.

BSR/AHRI Standard 571 (SI)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for positive-displacement, carbon-dioxide-refrigerant compressors and compressor units: definitions; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data, and conformance conditions.

This standard applies to electric-motor-driven, single- and variable-capacity, single- and two-stage Positive Displacement Refrigerant Compressors and Compressor Units operating with carbon dioxide in both subcritical and transcritical applications for refrigeration. This standard also applies to the presentation of performance data for Positive Displacement Compressor and Compressor Units operating with carbon dioxide.

AISI (American Iron and Steel Institute)

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BSR/AISI S905-201x, Test Methods for Mechanically Fastened Cold-Formed Steel Connections (revision, redesignation and consolidation of ANSI/AISI S905-2008 and ANSI/AISI S905-2008/S1-2012)

Stakeholders: Cold-formed steel.

Project Need: This is a test procedure used by manufacturers and researchers in cold-formed steel design and analysis. Periodic updates are needed.

The standard includes several performance test methods that cover the determination of the strength and deformation of mechanically fastened or welded connections for cold-formed steel building components, and are based extensively on test methods used successfully in the past. Static and Cyclic tests for connections in which the fasteners are stressed in shear, tension, or a combination of shear and tension are provided.

BSR/AISI S907-201x, Test Standard for Full Scale Diaphragm Tests for Cold-Formed Steel Panels (revision of ANSI/AISI S907-2008)

Stakeholders: Cold-formed steel.

Project Need: This is a test standard used by manufacturers and researchers in cold-formed design and analysis. Periodic updates are needed.

This test standard covers the test determination of the nominal diaphragm web shear strength and web shear stiffness, or flexibility, where framed wall, roof or floor cold-formed steel deck diaphragm construction is to be used. Calibrations for single diaphragm system and confirmatory tests are provided.

ASTM (ASTM International)

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BSR/ASTM WK38024-201x, New Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIE Lab Color Space (new standard)

Stakeholders: Plastic Building Products Industry.

Project Need: This specification establishes requirements and test methods for the color and appearance retention of solid and variegated colored plastic siding products.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK38024.htm>

AWS (American Welding Society)

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BSR/AWS D3.6M-201x, Underwater Welding Code (revision of ANSI/AWS D3.6M-2010)

Stakeholders: Underwater Welding Industry Associates.

Project Need: Update/revise the existing standard.

This Code covers the requirements for welding structures or components under the surface of water. It includes welding in both dry and wet environments. Clauses 1 through 6 constitute the general requirements for underwater welding while clauses 7 through 9 contain the special requirements applicable to three individual classes of weld: Class A - Comparable to above-water welding; Class B - For less critical applications; and Class O - To meet the requirements of another designated code or specification.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE C57.12.20-201x, Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13 800Y Volts and Below (revision of ANSI/IEEE C57.12.20-2005)

Stakeholders: The stakeholders of this standard include the users (electric utilities) and manufacturers of overhead-type distribution transformers.

Project Need: The reason for this project is to update the 2011 issue of C57.12.20 to the latest referenced documents and standards. Also, another reason is to discuss and possibly implement changes recommended in the last ballot and other changes determined to be necessary. These changes will benefit the users with a more efficient and safer product.

This standard covers certain electrical, dimensional, and mechanical characteristics and safety features of single- and three-phase, 60-Hz, liquid-immersed, self-cooled, overhead-type distribution transformers 500 kVA and smaller, high voltages 34 500 V and below and low voltages 7970/13 800Y V and below.

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BSR/IEEE 563-201x, Guide on Conductor Self-Damping Measurements (revision of ANSI/IEEE 563-1991 (R2007))

Stakeholders: Overhead conductor users.

Project Need: It is still necessary as new conductor types are being developed as a comparison to evaluate the self-damping properties of conductor types. This document will help utility engineers and manufacturers provide recommendations for safe tensions for installation and guidance on external damping systems that may be required.

This Guide provides proven methods for investigators to perform measurements of the inherent damping characteristics of conductors. It defines methods that provide compatible and consistent results for the comparison of data from various investigators.

BSR/IEEE 664-201x, Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors (revision of ANSI/IEEE 664-1994 (R2007))

Stakeholders: Transmission owners, overhead conductor specifiers, and manufacturers of vibration dampers.

Project Need: The document is needed to qualify new damping systems and prove existing designs. It is used by manufacturers and test labs and we know of no other document that would take its place, if it were to be de-activated.

This guide describes the current methodologies, including apparatus, procedures, and measurement accuracies, for the testing of vibration dampers. In addition, some basic guidance is also provided to inform the potential user of a given method's strengths and weaknesses.

BSR/IEEE 802.1Xbx-201X, Standard for Local and Metropolitan Area Networks - Port-Based Network Access Control - Amendment: MAC Security Key Agreement protocol (MKA) extensions (new standard)

Stakeholders: Developers and users of networking equipment.

Project Need: This project will allow such in-service upgrade capability when communication is being protected by IEEE Std 802.1AE MACsec in conjunction with IEEE Std 802.1X. The IEEE Std 802.1AEbw extended packet numbering amendment will ensure that the interval between the need for fresh keys (even in very high speed operation) is greater than the time required for control plane upgrades, and this project is needed to realize the potential benefit.

This amendment adds MACsec (Media Access Control security) Key Agreement protocol (MKA) data elements and procedures that provide additional security and manageability capabilities, including the ability to maintain secure communication while the operation of MKA is suspended, when used in conjunction with MACsec Cipher Suites that support Extended Packet Numbering.

BSR/IEEE 802.1AX-201x, Standard for Local and Metropolitan Area Networks - Link Aggregation (revision of ANSI/IEEE 802.1AX-2008)

Stakeholders: The stakeholders for this standard are the semiconductor manufacturers, system product manufacturers (e.g., switch and network interface controllers), network providers (e.g., installers, support, enterprises), bandwidth providers (e.g., carriers), and users of Link Aggregation as currently defined in IEEE Std 802.1AX-2008.

Project Need: There is a need to enhance Link Aggregation, its protocols, procedures, and managed objects, to provide a resilient interconnect using multiple links among one or more nodes in a network and one or more nodes in another, separately administered, network. Furthermore, there is a need to correct some known problems identified in the maintenance process. The scope of these changes is most appropriately handled as a revision.

This standard defines the MAC-independent Link Aggregation capability, and general information relevant to specific MAC types that support Link Aggregation. The capabilities defined are compatible with previous versions of this standard.

BSR/IEEE 802.1AEbw-201x, Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security - Amendment: Extended Packet Numbering (addenda to ANSI/IEEE 802.1AE-2006)

Stakeholders: Developers and users of networking equipment.

Project Need: At very high speeds (100 Gb/s and above) the existing MACsec Cipher Suites can exhaust an SAK (Security Association Key), thus demanding rekeying, at a rate (~9 seconds for full utilization with minimum Ethernet frame sizes at 400 Gb/s) that over-constrains implementation technology and does not allow adequate time for in-service software upgrades that temporarily suspend key agreement protocol operation. There is significant broad interest in the use of MACsec at these speeds and a desire to address these issues while retaining a high degree of compatibility with existing implementations and deployment.

This amendment specifies the optional use of AES-128 (Advanced Encryption Standard-128) and AES-256 GCM (Galois Counter Mode) Cipher Suites that make use of a 64-bit PN (packet number) as part of their IV (Initialization Vector) parameter while retaining the existing MACsec (Media Access Control security) frame format by continuing to communicate only the least significant 32 bits of the PN in the SecTAG (security tag).

BSR/IEEE 802.1Qbu-201x, Standard for Local and Metropolitan Area Networks -Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks - Amendment: Frame Preemption (addenda to ANSI/IEEE 802.1Q-2010)

Stakeholders: Developers, providers, and users of networking services and equipment for industrial automation, in-vehicle networking, and other systems requiring low-latency virtual LAN bridges, including networking IC developers, bridge and NIC vendors, and users.

Project Need: A large, non-time-critical frame may start ahead of time-critical frame transmission. This condition leads to excessive latency for the time-critical frame. The lack of transmission preemption severely inhibits the capabilities of an application that uses scheduled frame transmission to implement a real-time control network.

This amendment specifies procedures, managed objects, and protocol extensions that:

- Define a class of service for time-critical frames that requests the transmitter in a bridged Local Area Network to suspend the transmission of a non-time-critical frame, and allow for one or more time-critical frames to be transmitted. When the time-critical frames have been transmitted, the transmission of the preempted frame is resumed. A non-time-critical frame could be preempted multiple times; and
- Provide for discovery, configuration, and control of preemption service for a bridge port and end station.

BSR/IEEE 802.1Qbv-201x, Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks - Amendment: Enhancements for Scheduled Traffic (addenda to ANSI/IEEE 802.1Q-2010)

Stakeholders: Developers and users of bridged LAN and end-point systems supporting automotive and industrial Ethernet and other latency-sensitive applications.

Project Need: The credit-based shaper works well in arbitrary networks (i.e., non-engineered). Networks employing scheduled transmissions are able to control real-time processes. This amendment enables those two kinds of networks to be consolidated into a single network, with a significant cost reduction to the user.

This amendment specifies time-aware queue-draining procedures, managed objects, and extensions to existing protocols that enable bridges and end stations to schedule the transmission of frames based on timing derived from IEEE Std 802.1AS. Virtual Local Area Network (VLAN) tag-encoded priority values are allocated allowing simultaneous support of scheduled traffic, credit-based shaper traffic, and other bridged traffic over Local Area Networks (LANs).

BSR/IEEE 952-1997/Cor 1-201x, Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros - Corrigendum 1: Figure 1 - Gyro Axes and Misalignment Angles (addenda to ANSI/IEEE 952-1997 (R2008))

Stakeholders: Users, producers and those with general interest in interferometric fiber optic gyros. This would include military, commercial, industrial, and academic fields.

Project Need: Fix symbols used in Figure 1 to match those used in the body of the standard.

Fix symbols used in Figure 1 to match those used in the body of the standard.

BSR/IEEE 1009-201x, Standard for the Archstie Programming Language (new standard)

Stakeholders: Concurrent computing software engineers, Real-time software engineers, concurrent computing system designers, systems engineers.

Project Need: This standard defines the Archstie programming language, which supports parallel operation and soft real-time programming. It is intended to be used by software developers to support concurrent computing and soft real-time operation. The core part of the Archstie programming language is designed for devices that have limited computing capacity, and might be used for low-power dissipation devices.

This standard defines the Archstie programming language, which supports parallel operation and soft real-time programming. This standard defines the syntax and semantics of the Archstie programming language, and includes the specification of an interface that allows the user to extend the language.

BSR/IEEE 1450.4-201x, Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Test Flow Specification (new standard)

Stakeholders: Semiconductor manufacturers, IC ATE vendors, contract IC test houses.

Project Need: This standard will facilitate the use of STIL to describe ATE programs in a tester-independent format, which can then be translated to various target ATE systems. It will also facilitate the use of STIL test programs, which can run natively on automatic test equipment.

This standard specifies extensions to IEEE Std. 1450-1999 that define the description of certain test flow and binning components of an Integrated Circuit (IC) test program in a test-hardware independent manner. These extensions provide language constructs and semantics necessary to describe both the test program flow as well as sequencing data needed to compose a test program to run on an Automated Test Equipment (ATE) platform.

BSR/IEEE 1613.1-201x, Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Transmission and Distribution Facilities (new standard)

Stakeholders: The stakeholders are the electric utilities that are seeking robust communications networking devices for distribution automation and for the communications modules installed in Smart Meters, the manufacturers of these devices, and the end users who expect reliable operation in this harsh EMI environment.

Project Need: This standard will fill a critical gap, as today no IEEE standard exists for SmartGrid devices installed in substations, on distribution feeders, or the communication devices installed in SmartMeters, and utilize radio frequency, power line communications, or Ethernet cables. This standard will fill that gap.

This standard establishes the requirements for communications networking devices supporting electric transmission and distribution outside an electric power substation. It addresses issues such as equipment enclosures, temperature ranges, electrical phenomena, vibration and others that are characterized by a transmission and distribution environment. This includes the different communication methods used in these locations, such as wireless and Power Line Communications (PLC).

BSR/IEEE 1622.1-201x, Standard for Voter Registration Data Interchange Format (new standard)

Stakeholders: Voters including overseas and military, election equipment and software developers, election officials, election observers, the US Election Assistance Commission (EAC), the Federal Voting Assistance Program (FVAP), and the general public.

Project Need: Historically, voter registration database systems and election equipment, such as election management systems, use import and export functions to transfer data between each other and to other state level systems. As these systems generally have the capacity to interoperate through import/export functions, it is beneficial to specify a common data format that can be used by any state or locality for other election-related purposes.

This standard defines common data interchange formats for information generally maintained in voter registration databases, including registered voter data, geo-political data, and election definition data.

BSR/IEEE 1622.2-201x, Standard for Election Results Reporting Data Interchange Format (new standard)

Stakeholders: Voters (including overseas and military voters), election equipment and software developers, election officials, election observers and analysts, the US Election Assistance Commission (EAC), the Federal Voting Assistance Program (FVAP), election reporting and news media, and the general public.

Project Need: News media, election results analysts, post-election auditors, and the general public want election results to be reported quickly and according to a standard that they can use easily. Using a coordinated set of standard formats for reporting election results will help local election offices as well as outside groups (such as media organizations) develop software to facilitate their own importing and reporting and analysis of election results.

This standard defines common data interchange formats for information reported about election results. Election results information is based on data from vote-capture devices and resultant tabulation data or other information about the election from election management systems. This standard focuses on the OASIS EML version 7 schemas 510, 520, and 530, which contain data elements and structures for contest totals and associated counts used for reconciliations and audits.

BSR/IEEE 1723-201x, Standard for a Service-Oriented Architecture (SOA) Reference Architecture (new standard)

Stakeholders: This standard may be used by all industries as long as they are moving to SOA for creating flexible, extensible, and configurable solutions. This includes all practitioners, including end users and designers.

Project Need: This standard presents an SOA Solution Reference Architecture that includes a layered architectural stack and construction methods for designing and modeling an SOA-based solution. It provides a high-level abstraction of an SOA factored into layers, each of which addresses specific value propositions within SOA.

This document defines a reference architecture that includes a standard method for creating a service-oriented architecture (SOA). This method is independent of the underlying implementation and products used to realize the service-oriented-architecture (SOA)-based solutions. This method is usable in all classes of solution scenarios. This standard is limited to design and modeling of service-oriented solution architecture and does not include design or modeling of service-oriented implementation and supporting infrastructures.

BSR/IEEE 1874-201x, Standard for Documentation Schema for Repair of Electronic Devices (new standard)

Stakeholders: Electronic product developers, consumers/users, retailers, do-it-yourselfers, hobbyists.

Project Need: In order to reduce the environmental impact of disposed electronic products, this project will create a standard that manufacturers can use to provide consistent format for the documents related to the repair of electronic products. These documents instruct how to extend the electronic product's life cycle, which helps reduce the environmental impact and number of disposed electronic products.

This Standard defines terminology, data formats and schemas for documents used in describing the repair of consumer electronics products.

BSR/IEEE 1876-201x, Standard for Networked Smart Learning for Online Laboratories (new standard)

Stakeholders: Teachers, students, instructional designers, researchers, learning software developers, educational or networked instruments and device designers, modern educational laboratory infrastructure planners.

Project Need: This standard establishes the relationship between all the components (software, hardware, and learning systems) in order to ease the design and implementation of pedagogically driven remote laboratory experiments since we know that hardware alone cannot help the learning process. The smart learning environments are built on-the-fly, by learning actors, using social media, social networks, cloud computing tools, and Internet of Things.

This standard defines methods for storing and retrieving learning objects for remote laboratories. The standard will also define methods for linking learning objects to design and implement smart learning environments for remote online laboratories.

BSR/IEEE 1877-201x, Standard for Test Orchestration Interface (TOIF) for Orchestrating Resources, Observations, and Information via Web Services (new standard)

Stakeholders: The stakeholders will include end-product users of instrumentation who need to combine disparate software-controlled products on a variety of scales and produce archive-quality documentation, specifically, military, aerospace, commercial aviation. Could also be used for broader applications such as industrial process control.

Project Need: The IEEE Std 1671(TM), IEEE Std 1636.1(TM), and IEEE Std 1232(TM) standards provide standard data exchange formats. However there is no standard for using these formats in an open-standards resource-based web services environment.

This standard defines the Test Orchestration Interfaces (TOIF) data interface for observing and controlling state variables in testing environments. The TOIF provides a web services-based protocol for message passing, data collection, and test execution using data exchange formats defined in IEEE Std 1671(TM), IEEE Std 1636(TM), and IEEE Std 1232(TM).

BSR/IEEE 2030.4-201x, Guide for Control and Automation Installations Applied to the Electric Power Infrastructure (new standard)

Stakeholders: Industries related to installing and managing the electric power infrastructure; homeland security; national defense; infrastructure planning, management, and regulation; marine industry; and end users of the electric power infrastructure, such as advanced manufacturing, telecommunications, transportation, and other critical infrastructures.

Project Need: Any control and automation solution should be able to come to a unique baseline, to support competition. Thus guidance is needed with respect to: Basic preliminary design and design convergence issues, Requirements development, Specifications, Metrics, and Documentation.

This document is a guide to users of IEEE Std 2030-2011, Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads. It provides guidance in applying the smart grid interoperability reference model (SGIRM) of IEEE Std 2030 in the development of control and automation components. This guide outlines approaches to defining the requirements for control and automation applications within the electric power infrastructure, and describing their design, while adhering to a common open architecture.

BSR/IEEE 2030.100-201x, Recommended Practice for Implementing an IEC 61850 Based Substation Communications, Protection, Monitoring and Control System (new standard)

Stakeholders: Electric utilities that wish to implement IEC 61850; IEC 61850 equipment, software and service providers.

Project Need: This recommended practice will establish a baseline for functionality and information sets in IEC 61850 devices that will give users a solid practice to use the vendors' existing features and promote change for other vendors. This recommended practice will provide a starting point for those utilities that would like to migrate to an IEC 61850 substation approach and establish baseline functionality to which vendors can adhere with confidence of achieving interoperability with other vendors.

This recommended practice outlines the necessary steps and procedures a utility should undertake to implement an IEC 61850 substation in a multi-vendor equipment environment. The document addresses equipment configuration, equipment procurement specification, documentation procedures and general design philosophy that will condense the IEC 61850 standard into a practical working implementation guide. The recommended practice also defines baseline information sets and functionality for IEC 61850 devices to allow users to implement similar design philosophies between vendors of IEC 61850 equipment.

BSR/IEEE 11073-10417a-201x, Health informatics - Personal health device communication - Part 10417: Device specialization - Glucose meter - Amendment 1 (new standard)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g., hospitals, doctor offices, diet and fitness companies), payors (e.g., insurance companies), regulatory agencies (e.g., food and drug administration), telemedicine consultants, and businesses.

Project Need: To clarify known issues in the IEEE 11073-10417:2011 standard and extend the original framework to support new functionality that are under development.

This amendment is intended to cover the new modeling that is required to provide additional functionalities that include

- (1) Base Offset Time;
- (2) International Unit for the Medication object;
- (3) Additional PM-Store functionality; and
- (4) Changing the PM-Store Clear_Timeout to Conditional, as well as to cover a number of known issues from IEEE 11073-10417:2011 standard such as
 - (1) Updating standard configuration examples to include Control Solution; and
 - (2) Updating unit conversion values in subclause 5.1.

BSR/IEEE 11073-10423-201x, Standard for Health informatics - Personal health device communication - Device specialization - Sleep Quality Monitor (SQM) (new standard)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g., hospitals, doctor offices, diet and fitness companies), payors (e.g., insurance companies), regulatory agencies (e.g., food and drug administration), telemedicine consultants, and businesses.

Project Need: Implementers of this standard will have a clear definition of what is required to implement a sleep-quality monitor device. For end users, this standard addresses a market need to provide interoperability among personal health devices and managers that interact with the collected information.

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between personal health sleep quality monitor devices and managers (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. This standard defines a common core of communication functionality for personal-health sleep-quality monitor devices. In this context, sleep-quality monitor devices are defined as devices that supply measures of sleep quality for a time period.

BSR/IEEE 11073-10424-201x, Standard for Health informatics - Personal health device communication - Device specialization - Sleep apnoea breathing therapy equipment (new standard)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g., hospitals, doctor offices, diet and fitness companies), payors (e.g., insurance companies), regulatory agencies (e.g., food and drug administration), telemedicine consultants, and businesses.

Project Need: Implementers of this standard will have a clear definition of what is required to implement the interoperable communication functionality for sleep apnoea breathing therapy equipment. For end users, this standard addresses a market need to provide interoperability among personal health devices and managers that interact with the collected information.

This standard defines a common core of communication functionality for sleep apnoea breathing therapy equipment. In this context, sleep apnoea breathing therapy equipment are defined as devices that are intended to alleviate the symptoms of a patient who suffers from sleep apnoea by delivering a therapeutic breathing pressure to the patient. Sleep apnoea breathing therapy equipment are primarily used in the home healthcare environment by a lay operator without direct professional supervision.

BSR/IEEE 11073-10425-201x, Standard for Health informatics - Personal health device communication - Device specialization - Continuous Glucose Monitor (CGM) (new standard)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g., hospitals, doctor offices, diet and fitness companies), payors (e.g., insurance companies), regulatory agencies (e.g., food and drug administration), telemedicine consultants, and businesses.

Project Need: Implementers of this standard will have a clear definition of what is required to implement a CGM device. For end users, this standard addresses a market need to provide interoperability among personal health devices and managers that interact with the collected information.

This standard defines a common core of communication functionality of CGM devices. In this context, CGM refers to the measurement of the level of glucose in the body on a regular (typically 5 minute) basis through a sensor continuously attached to the person.

BSR/IEEE 60076-16-201x, Standard Requirements for Wind Turbine Generator Transformers (new standard)

Stakeholders: Manufacturers, specifiers, and end users.

Project Need: Due to premature failures in the US market and additional requirements of NFPA-70E, these transformer do not fit the mold of currently available standards.

This standard establishes requirements for Liquid Immersed or Dry Type transformers with a high-voltage rating class of 34.5 kV and below, and a self-cooled capacity rating of 10,000 kVA and below, suitable for step-up operation to be used to transform the voltage from the Wind Turbine Generator to the system voltage on the collector grid.

BSR/IEEE 60076-57-1202-201x, Standard Requirements for Liquid Immersed Phase-Shifting Transformers (new standard)

Stakeholders: Electric utilities, transmission companies, industrial users and equipment manufacturers.

Project Need: There is currently an IEEE/IEC Guide for Phase Shifting Transformers (PSTs) that covers theory, application, and more. But, at present, there is no standard that covers the specific manufacturing requirements. The users and manufacturers of PSTs have expressed a strong need for such a standard.

This standard describes electrical and mechanical requirements for liquid immersed phase shifting transformers (also known as "quadrature boosters"). It provides requirements for specification, design, manufacture, and tests that are specific to phase-shifting transformers.

BSR/IEEE C37.103-201x, Guide for Differential and Polarizing Relay Circuit Testing (revision of ANSI/IEEE C37.103-2003 (R2010))

Stakeholders: Relay test engineers and technicians, protection system analysis engineers, transmission owners, transmission operators, generator owners, generator operators.

Project Need: Material in guide needs to be updated for modern test sets that provide three-phase voltage and current, as well as modern microprocessor relays, some of which calculate operating and/or polarizing quantities internally. In addition, testing of restricted earth fault (transformer ground differential) protection is not presently addressed.

This guide covers the tests required to ensure correct connections of differential relays and polarizing circuits of phase and ground relays. Although other preparatory tests are mentioned in this guide, these tests are not discussed in detail.

BSR/IEEE C37.245-201x, Guide for the Application of Protective Relaying for Phase Shifting Transformers (new standard)

Stakeholders: Manufacturers of PSTs, users of PSTs, consultants specifying PSTs, protective relay manufacturers.

Project Need: Industry currently does not have a Guide that addresses the protection of Phase Shifting Transformers.

This Guide provides protection methods for different types of Phase Shifting Transformers (PSTs) and discusses the interaction between protection and operating conditions of PSTs. Models representing PSTs to determine short circuit currents for relaying functions are presented. Sizing and location issues of protection current transformers employed in the protection of PSTs are included. This Guide provides examples of appropriate relay applications and settings.

BSR/IEEE C57.158-201x, Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers (new standard)

Stakeholders: Electric utilities, industrial users, power transformer manufacturers.

Project Need: This proposed document is intended to fill a gap in currently available literature, regarding guidance for the need for a tertiary or stabilizing winding in a Y-Y connected transformer or autotransformer; and guidance on the kVA rating of said winding. The potential impact of ambiguity currently present in industry practice is unnecessary extra cost and/or complexity of components.

This guide addresses the application of tertiary and stabilizing windings in liquid immersed power transformers, as covered by IEEE Std C57.12.00, as well as recommendations to evaluate the need or convenience of having such windings. The primary application of this guide is for transformers and autotransformers with wye-wye connected windings, with or without a delta connected tertiary or stabilizing winding. The guide does not address tertiary windings in conventional delta-wye, or delta-delta connected transformers.

BSR/IEEE C57.159-201x, Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems (new standard)

Stakeholders: Manufacturers, consultants, and end-users in alternative energy industry.

Project Need: The reason for this project is to support the currently evolving industry of DPV power generation by providing reliable and efficient transformers for this application and avoiding potential problems caused by improperly defined, missed and/or misinterpreted points of consideration. Further, this PAR will address constraints, which are important for correct specification, efficient design and reliable application of transformers in DPV power-generation systems.

This Guide provides general and specific recommendations on application of step-up and step-down liquid-immersed and dry-type transformers in DPV power generation systems for residential, commercial, industrial and utility scale systems.

BSR/IEEE C62.41.3-201x, Guide for Interactions Between Power System Disturbances and Surge Protective Devices (revision and redesignation of ANSI/IEEE C62.48-2005)

Stakeholders: SPD manufacturers, SPD specifiers, SPD users - Users of SPDs include virtually any facility with electric service from residential to heavy industrial.

Project Need: This guide was published in 2005. Technology of end-use equipment has changed in the last six years. In some cases, the use of new technology, making some equipment "smart", has also made such equipment susceptible to power system disturbances. The interaction among power system disturbances, smart equipment, and surge protective devices needs to be re-evaluated periodically. Therefore, the working group feels the need to update the guide in light of this.

This guide applies to surge protective devices (SPDs) intended for connection to 50 Hz to 60 Hz ac power circuits rated 1000 V RMS or less. This guide describes the effects on SPDs of power system disturbances occurring in these low-voltage ac power circuits. The disturbances are not limited to surges. The effects of the presence and operation of SPDs on the quality of power available to the connected loads are described. The interaction among multiple SPDs on the same circuit is also described. This guide discusses both voltage and current surges. The current surges discussed in this guide are the result of voltage surges.

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

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E-mail: dspittle@itic.org

BSR/INICTS/ISO/IEC 16680-201x, Information technology - The Open Group Service Integration Maturity Model (OSIMM) (identical national adoption of ISO/IEC 16680:2012)

Stakeholders: ICT Industry.

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

This standard specifies:

- a model against which the degree of service integration maturity of an organization can be assessed; and
- a process for assessing the current and desired degree of service integration maturity of an organization, using the model.

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center Suite 1100
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Contact: Aidan McCallion

Fax: 301-215-4500

E-mail: Am2@necanet.org

* BSR/NECA 414-201x, Standard for Installing Wind Power Generation Turbines (new standard)

Stakeholders: Electrical contractors, electrical engineers, building owners, facility maintenance engineers.

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

This standard describes the application procedures for installing wind-power-generation turbines. This standard covers the installation of low-voltage AC and DC wind-power-generation turbines, rated 600V and less, for grid-connected and stand-alone operation for residential, commercial, and industrial applications.

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

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BSR C29.2-201x, Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (new standard)

Stakeholders: Manufacturers, electric power utility companies, public utilities, high-voltage electric transmission systems.

Project Need: Need for standard on Insulators-Wet Process and Toughened Glass.

This standard covers suspension-type insulators, 4-1/4 inches (108 millimeters) in diameter and larger, made of wet-process porcelain or of toughened glass and used in the transmission and distribution of electrical energy.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Norcross, GA 30092

Contact: Charles Bohanan

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E-mail: standards@tappi.org

BSR/TAPPI T 812 om-201x, Ply separation of solid and corrugated fiberboard (wet) (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 method describes a laboratory test for evaluating the resistance to ply separation of solid or corrugated fiberboard after exposure to water. It is intended primarily to distinguish between boards fabricated with weather-resistant adhesives and those with nonweather-resistant adhesives.

BSR/TAPPI T 835 om-201x, Water absorption of corrugating medium: Water drop absorption test (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.

The water absorptivity of corrugating medium is measured by dropping a drop of water on the surface of a specimen and determining the time in seconds for the drop to be completely absorbed as evidenced by the loss of sheen.

UL (Underwriters Laboratories, Inc.)

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E-mail: Mitchell.Gold@ul.com

BSR/UL 63-201x, Standard for Safety for Fire Door Frames (new standard)

Stakeholders: Door and frame manufacturers, inspectors, AHJs, consultants.

Project Need: Development of new American National Standard.

These requirements apply to frame assemblies for swinging fire doors, which have demonstrated in fire tests fire-resistive properties sufficient to warrant their use with fire doors having a rating of 3, 1-1/2, 1, 3/4 hour, or 20 minutes when tested in accordance with the Standard for Fire Tests of Door Assemblies, UL 10B, or the Standard for Positive Pressure Fire Tests of Door Assemblies, UL 10C. The frames may include provision for transoms, mullions, or sidelights.

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>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>DASMA Door and Access Systems Manufacturers Association 1300 Sumner Avenue Cleveland, OH 44115-2851 Phone: (216) 241-7333 Fax: (216) 241-0105</p>	<p>NEMA (ASC C29) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: 703-841-3297 Fax: 703-841-3397 Web: www.nema.org</p>
<p>AHRI Air-Conditioning, Heating, and Refrigeration Institute 2111 Wilson Boulevard Suite 500 Arlington, VA 22201 Phone: (703) 600-0327 Fax: (703) 562-1942 Web: www.ahrinet.org</p>	<p>ASSE (Safety) American Society of Safety Engineers 1800 East Oakton Street Des Plaines, IL 60018-2187 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.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>NEMA (ASC C50) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3288 Fax: (703) 841-3388 Web: www.nema.org</p>
<p>AISI American Iron and Steel Institute 25 Massachusetts Avenue, NW, Suite 800 Suite 705 Washington, DC 20001 Phone: (202) 452-7134 Fax: (202) 452-1039 Web: www.steel.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9696 Fax: (610) 834-7067 Web: www.astm.org</p>	<p>IAPMO International Association of Plumbing and Mechanical Officials 4755 East Philadelphia Street Ontario, CA 91761 Phone: (909) 472-4110 Fax: (909) 472-4152 Web: www.iapmo.org</p>	<p>NPES (ASC CGATS) NPES 1899 Preston White Drive Reston, VA 20191 Phone: (703) 264-7229 Fax: (703) 620-0994 Web: www.npes.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>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>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-6819 Fax: (734) 827-7875 Web: www.nsf.org</p>
<p>APSP Association of Pool and Spa Professionals 2111 Eisenhower Avenue Alexandria, VA 22314 Phone: (703) 838-0083 x150 Fax: (703) 549-0493 Web: www.apsp.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>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW, Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5746 Fax: (202) 638-4922 Web: www.incits.org</p>	<p>PLASA PLASA North America 630 Ninth Avenue, Suite 609 New York, NY 10036-3748 Phone: (212) 244-1505 Fax: (212) 244-1502 Web: www.plasa.org</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>B11 B11 Standards, Inc. PO Box 690905 Houston, TX 77269 Phone: (832) 446-6999</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>RESNA Rehabilitation Engineering and Assistive Technology Society of North America PO Box 69 Minden, NV 89423 Phone: (775) 783-8822 ext. 121 Fax: (775) 783-8823 Web: www.resna.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>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>NECA National Electrical Contractors Association 3 Bethesda Metro Center Suite 1100 Bethesda, MD 20814 Phone: (301) 215-4549 Fax: 301-215-4500 Web: www.necanet.org</p>	<p>SCTE Society of Cable Telecommunications Engineers 140 Philips Rd. Exton, PA 19341 Phone: (610) 594-7308 Fax: (610) 363-5898 Web: www.scte.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>			

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TCIA (ASC A300)

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VITA

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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 Accreditation

American Water Works Association (AWWA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Water Works Association (AWWA), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on AWWA-sponsored American National Standards, effective June 29, 2012. For additional information, please contact: Mr. Paul Olson, P.E., Senior Manager of Standards, American Water Works Association, 6666 West Quincy Avenue, Denver, CO 80235; phone: 303.347.6178; E-mail: polson@awwa.org.

ASD Transfer of Proposed ANS

S1002, S1003, S1004, S2001, S3001

IAPMO (Z) agrees to transfer to ASTM the development of the following proposed projects for which PINS have already been published. The current designations and titles of the proposed five ANSs are as follows:

- S1002, Combination Solar Water and Space Heating Systems
- S1003, Solar Space Cooling Systems
- S1004, Commercial Solar Water Heating Systems
- S2001, Heat Metering Subsystems
- S3001, Solar Heat Transfer Products

For inquiries contact:

Pat A. Picariello, J.D., CStd
 Director, Developmental Operations, ASTM International
 E-mail: ppicarie@astm.org
 Phone: 610-832-9720

or

Christine M. DeJong
 Manager, Technical Committees, ASTM International
 Phone: 610-832-9736 (direct)
 Fax: 610-834-3668
 E-mail: cdejong@astm.org

Reaccreditations

ASC B109 – Gas Displacement Meters

Comment Deadline: August 6, 2012

Accredited Standards Committee B109, Gas Displacement Meters, has submitted revisions to its currently accredited operating procedures for documenting consensus on proposed American National Standards. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ASC B109's revised procedures or to offer comments, please contact the Secretariat of ASC B109 to the attention of: Ms. Kimberly Denbow, Director, Engineering Services, American Gas Association, 400 North Capitol Street, NW, Washington, DC 20001; phone: 202.824.7334; E-mail: kdenbow@aga.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to AGA by August 6, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

Sheet Metal and Air-Conditioning Contractors National Association (SMACNA)

Comment Deadline: August 6, 2012

The Sheet Metal and Air-Conditioning Contractors' National Association (SMACNA), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on proposed American National Standards. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of SMACNA's revised procedures or to offer comments, please contact: Mr. Eli Howard, Group Director, Technical Resources, SMACNA, 4201 Lafayette Center Drive, Chantilly, VA 20151-1209; phone: 703.803.2980; E-mail: ehoward@smacna.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to SMACNA by August 6, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

Steel Joist Institute (SJI)

Comment Deadline: August 6, 2012

The Steel Joist Institute (SJI), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on proposed American National Standards. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of SJI's revised procedures or to offer comments, please contact: Mr. Ken Charles, Managing Director, Steel Joist Institute, 234 W. Cheves Street, Florence, SC 29501; phone: 843.407.4091; E-mail: kcharles@steeljoist.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to SJI by August 6, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

Tentative Interim Amendments

ANSI/IAPMO UPC 1-2009 and UPC 1-2012, Uniform Plumbing Code

Comment Deadline: July 9, 2012

The following Tentative Interim Amendments to the Uniform Plumbing Code, UPC 1-2009 and UPC 1-2012, are available for public review:

TIA UPC 011-09: Revise text in Section 204.0, 206.0, 224.0, and 908.2 and UPC 001-12 revise text in Section 204.0, 206.0, 224.0, and 908.2.

Copies may be obtained from Matt Sigler, Plumbing Code Development Administrator, IAPMO, 4755 E. Philadelphia Street, Ontario, CA 91761; (909) 230-5535 or matt.sigler@iapmo.org.

ANSI-ASQ National Accreditation Board (ANAB)

Suspension of Accreditation

Korean Foundation for Quality

Effective June 30, 2012, Korean Foundation for Quality has voluntarily suspended its ANAB accreditation for ISO 9001 and TL 9000 quality management systems. Until the suspension is lifted, KFQ is not authorized to issue any new ANAB-accredited ISO 9001 or TL 9000 certificates.

Suspension of Accreditation Lifted

Intertek Testing Services NA, Inc., dba Intertek

Effective July 5, 2012, ANAB has lifted the voluntary suspension of accreditation of Intertek testing Services NA, Inc., dba Intertek for AS9100, AS9910, and AS9120.

Withdrawal of Accreditation

Ascertiva Group Limited (trading as NQA)

Effective June 30, 2012, Ascertiva Group Limited (trading as NQA) has voluntarily withdrawn its ANAB accreditation for ISO 9001 quality management systems. NQA is no longer authorized to issue any new ANAB-accredited ISO 9001 certificates and has withdrawn all ANAB-accredited ISO 9001 certificates issued prior to June 30, 2012.

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 43/SC 3 – Acoustics – Underwater Acoustics

Comment Deadline: July 6, 2012

The ANSI ISO Council (AIC) has approved ANSI's acceptance of and the delegation of the responsibility for the administration of the secretariat for ISO/TC 43/SC 3 (Acoustics – Underwater acoustics) to the American Acoustical Society (ASA).

Any directly and materially affected interest may appeal the decision of the AIC in accordance with section 3 of the ANSI Procedures for U.S. Participation in the International Standards Activities of ISO. The appeal shall be filed in writing with the Secretary of the AIC within 15 working days of the announcement of the action by the AIC in Standards Action.

ISO/TC 96/SC 8 – Cranes – Jib Cranes

Comment Deadline: July 6, 2012

The ANSI ISO Council (AIC) has approved ANSI's acceptance of and the delegation of the responsibility for the administration of the secretariat for ISO/TC 96/SC 8 (Cranes – Jib Cranes) to the National Commission for the Certification of Crane Operators (NCCCO).

Any directly and materially affected interest may appeal the decision of the AIC in accordance with section 3 of the ANSI Procedures for U.S. Participation in the International Standards Activities of ISO. The appeal shall be filed in writing with the Secretary of the AIC within 15 working days of the announcement of the action by the AIC in Standards Action.

New Work Item Proposal for a new ISO standard Compliance Programs

Comment Deadline: July 27, 2012

Standards Australia (SA) has submitted to ISO the attached new work item proposal for a new ISO standard on Compliance Programs with the following scope statement:

The scope of this Standard is to provide principles and guidance for organizations designing, developing, implementing, maintaining and improving an effective compliance program.

It can be used to implement a compliance program to assist the organization with meeting any legislative and/or other commitments (voluntary or mandatory) to which an organization is obligated to comply with or has committed to meet on a voluntary basis. The commitments may include meeting legislation, codes of practice, industry and/or community agreements.

The Standard can also facilitate best practice benchmarking of compliance programs by both organizations and regulators.

The Standard is proposed to be based on the existing Australian Standard 3806-2006 Compliance programs, which has also been adopted by Standards New Zealand as an NZS/AS document.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, July 27, 2012.

ISO Proposal for a New Field of ISO Technical Activity

Light and Lighting

Comment Deadline: August 10, 2012

DIN (Germany) has submitted to ISO the attached proposal for a new field of technical activity on Light and lighting with the following scope statement:

Standardization in the field of application of lighting in specific cases complementary to the work items of the International Commission on Illumination (CIE) and the coordination of drafts from the CIE, in accordance with Council Resolution 19/1984 and Council Resolution 10/1989 concerning vision, photometry and colorimetry, involving natural and man-made radiation over the UV, the visible and the IR regions of the spectrum, and application subjects covering all usages of light, indoors and outdoors, energy efficiency, including environmental, non-visual biological and health effects.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 10, 2012.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 28 – *Petroleum products and lubricants* **ISO/TC 28/SC 7 – *Liquid biofuels***

ANSI has delegated the responsibility for the administration of the secretariats for ISO/TC 28 (Petroleum products and lubricants) and ISO/TC 28/SC 7 (Liquid biofuels) to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated secretariat for both of the aforementioned ISO committees.

ISO/TC 28 operates under the following scope:

Standardization of terminology, classification, specifications, methods of sampling, measurement, analysis and testing for:

- Petroleum;
- Petroleum products;
- Petroleum based lubricants and hydraulic fluids;
- Non-petroleum based liquid fuels;
- Non-petroleum based lubricants and hydraulic fluids.

ANSI is seeking organizations in the U.S. that may be interested in assuming the delegated responsibility for the administration of the secretariats for ISO/TC 28 and/or ISO/TC 28/SC 7.

Additionally, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept a secretariat shall demonstrate that:

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

Organizations seeking information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org by September 1, 2012. If there is no support for retaining the ISO/TC 28 secretariat and/or the ISO/TC 28/SC 7 secretariat in the United States, then ANSI will so advise the ISO Central Secretariat.

Proposed Revision of B16.38-2007 - Large Metallic Valves for Gas Distribution (Manually Operated, NPS 2 1/2 (DN 65) to NPS 12 (DN 300), 125 psig (8.6 bar) Maximum)

1.6 Codes and Regulations

A valve used under the jurisdiction of a Federal Regulation, such as CFR Title 49, Part 192; the ASME Code for Pressure Piping, such as ASME B31.8; or the National Fuel Gas Code, ~~Z223.1~~, is subject to any limitation of that code or regulation.

NFPA 54

TENTATIVE
SUBJECT TO REVISION
OR WITHDRAWAL
Specific Authorization Required
for Reproduction or Quotation
ASME Codes and Standards

Draft 06/22/12

ASME B16.38-2007

20XX

MANDATORY APPENDIX I REFERENCES

The following is a list of publications referenced in this Standard.

ANSI/ASME B1.20.1-1983 (R2006), Pipe Threads, General Purpose (Inch)

ASME B16.1-2005, Gray Iron Pipe Flanges and Flanged Fittings: Classes 25, 125, and 250

ASME B16.5-2003, Pipe Flanges and Flanged Fittings

ASME B16.10-2000 (R2003), Face-to-Face and End-to-End Dimensions of Ferrous Valves

ASME B16.11-2005, Forged Steel Fittings, Socket-Welding and Threaded

ASME B16.25-2003, Butt-welding Ends

ASME B16.34-2004, Valves — Flanged and Butt-welding End

Publisher: The American Society of Mechanical Engineers (ASME), 3 Park Avenue, New York, NY 10016-5990; Order Department: 22 Law Drive, P.O. Box 2300, Fairfield, NJ 07007-2300

ANSI/ISA SP-75.02-1996, Standard Control Valve Capacity Test Procedure

Publisher: Instrument Society of America (ISA), 67 Alexander Drive, Research Triangle Park, NC 27709

ASTM B 16.42-1998, Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300

ASTM D 395-2003, Standard Test Methods for Rubber Property; Compression Set

ASTM D 412-2006a, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers, Tension

ASTM D 471-2006, Standard Test Method for Rubber Property Effect of Liquids

ASTM D 573-2004, Standard Test Method for Rubber-Deterioration in an Air Oven

ASTM D 4894-2004, Standard Specification for Polytetrafluorethylene (PTFE) Granular Molding and Ram Extrusion Materials

ASTM E 29-2006b, Standard Practice for Using Significant Digits in Test Data to Determine Conformance With Specifications

Publisher: ASTM International (ASTM), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959

ISO 9001-2000, Quality Systems – Model for Quality Assurance in Design, Development, Production, Installation, and Servicing

Publisher: International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Genève 20, Switzerland/Suisse

MSS SP-25-1998, Standard Marking System for Valves, Fittings, Flanges, and Unions

MSS SP-67-2002a, Butterfly Valves

MSS SP-70-1999, Cast Iron Gate Valves, Flanged and Threaded Ends

MSS SP-72-1999, Ball Valves with Flanged or Butt-welding Ends for General Service

MSS SP-78-2005a, Cast Iron Plug Valves, Flanged and Threaded Ends

MSS SP-80-2003, Bronze Gate, Globe, Angle, and Check Valves

Publisher: Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS), 127 Park Street, NE, Vienna, VA 22180-4602

MANDATORY APPENDIX I

REFERENCES

The following is a list of publications referenced in this Standard, showing the year of approval. Products covered by each ASTM specification are listed for convenience. (See specifications for exact titles and detailed contents.) Materials manufactured to other editions of the referenced ASTM specifications may be used to manufacture valves meeting the requirements of this Standard as long as the valve manufacturer verifies that the material meets the requirements of the referenced edition of the ASTM specification. Unless otherwise specified, the latest edition of ASME publications shall apply.

ANSI/ASME B1.20.1, Pipe Threads,
General Purpose (Inch)

ASME B16.1, Gray Iron Pipe Flanges and Flanged Fittings: Classes 25, 125, and 250

ASME B16.5, Pipe Flanges and Flanged Fittings

ASME B16.10, Face-to-Face and End-to-End Dimensions of Ferrous Valves

ASME B16.11, Forged Steel Fittings, Socket-Welding and Threaded

ASME B16.25, Buttwelding Ends

ASME B16.34, Valves — Flanged and Buttwelding End

ASME 16.42, Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300

Publisher: The American Society of Mechanical Engineers (ASME), 3 Park Avenue, New York, NY 10016-5990; Order Department: 22 Law Drive, P.O. Box 2300, Fairfield, NJ 07007-2300

ANSI/ISA SP-75.02-2008, Standard Control Valve Capacity Test Procedure

Publisher: Instrument Society of America (ISA), 67 T.W. Alexander Drive, Research Triangle Park, NC 27709

ASTM D 395-03(2008), Standard Test Methods for Rubber Property; Compression Set

ASTM D 412-06ae2, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers, Tension

ASTM D 471-10, Standard Test Method for Rubber Property Effect of Liquids

ASTM D 573-04(2010), Standard Test Method for Rubber-Deterioration in an Air Oven

ASTM D 4894-07, Standard Specification for Polytetrafluorethylene (PTFE) Granular Molding and Ram Extrusion Materials

ASTM E 29-2008, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications

Publisher: ASTM International (ASTM), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959

ISO 9001-2008, Quality management systems

Publisher: International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postal 56, CH-1211 Gene`ve 20, Switzerland

MSS SP-25-2008, Standard Marking System for Valves, Fittings, Flanges, and Unions

MSS SP-67-2002a, Butterfly Valves

MSS SP-70-20011, Cast Iron Gate Valves, Flanged and Threaded Ends

MSS SP-72-2010, Ball Valves with Flanged or Butt-Welding Ends for General Service

MSS SP-78-2005a, Cast Iron Plug Valves, Flanged and Threaded Ends

MSS SP-80-2011, Bronze Gate, Globe, Angle, and Check Valves

Publisher: Manufacturers Standardization Society, 127 Park St. NE, Vienna, VA 22180-4602

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5.3.1 The applicant shall receive one point if it provides evidence that the company has incorporated the life cycle assessment frame work into product design by applying the first two of the four LCA components in ISO 14040 and ISO 14044 (Goal & Scope Definition and Life Cycle Inventory). The LCA boundary shall encompass extraction of raw materials through end of product life. The LCA boundary shall be consistent with what is specified by the appropriate BIFMA Product Category Rule, if one exists.

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5.4 Efficient Use of Materials

The organization shall reduce the quantity (mass) of raw materials used in the manufacture of products. Material efficiency is calculated for the materials comprising 80 percent of the weight of the products to be assessed. The boundary for this credit is gate-to-gate (Section 4). This credit is focused on the substantial conversion of raw material (e.g. sawing, routing, machining, forming, stamping, molding, cutting, sewing) and does not cover the extraction and initial processing of raw materials.

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5.7.3 Packaging

The applicant shall receive one point if it meets the following requirements.

1. Incorporates recovered materials into packaging at or above the levels specified in the recovered materials content requirements as listed in Table Two:

TABLE TWO - Recovered Materials Content Requirements

Product	Material	Post-consumer Content (%)	Total Recycled Content (%)
Packaging	LDPE, LLDPE	25	35
	HDPE	25	35
	PET	10	25
	Corrugated Cardboard	25	40

And

2. Demonstrates an on-going process to minimize packaging environmental impacts (e.g. Energy Use; Water Use; Waste Generation; Material Efficiency) associated with product packaging. Examples may include, but are not limited to:

- a) Blanket / no-wrap outbound packaging
- b) Returnable cartons
- c) Packaging reduction engineering practices

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3 Definitions

3.x homogeneous material: one material of uniform composition throughout or a material consisting of a combination of materials that cannot be mechanically disjointed into different materials, meaning that the materials cannot be separated by mechanical actions. Coatings and finishes such as plating, powder coats, enamels, etc. are considered unique homogenous materials.

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7.4.1.1 Basic Level

The applicant may earn one point if it identifies and assesses all MSDS reportable chemicals as defined by OSHA 29 CFR 1910.1200 for materials that add up to 95% by weight of the final product.

Or

7.4.1.2 Intermediate Level

The applicant may earn 3 points if it identifies and assesses all chemicals of concern down to 100 parts per million, using the list from normative Annex B, for homogeneous materials that add up to 99% by weight of the final product. The 100 ppm concentration shall be reported for each homogeneous material.

The total weight of materials assessed shall equal at least 99% of the total certified product weight to meet the requirements of this credit.

Or

7.4.1.3 Advanced Level

The applicant may earn points if it identifies and assesses all chemical constituents down to 100 parts per million for homogeneous materials that add up to (maximum total of 4 points for 7.4.1):

- 75% by weight of final product (2 points); or
- 90% by weight of product (3 points); or
- 99% by weight of product; (4 points).

The 100 ppm concentration shall be reported for each homogeneous material present in the product. The weight of materials assessed shall equal at least 75%, 90% or 99% of the certified product weight to meet the requirements of this credit.

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7.5.1 Elimination from Products

The organization shall document that the product does not contain chemicals of concern, as listed in Annex B in the following classifications down to 100 ppm based on the overall weight of the certified product. The applicant shall receive two points for each classification for which there are no individual chemicals of concern (including categories such as lead compounds) that is shown not to be present at or above 100 ppm (maximum eight points available):

- persistent, bioaccumulative, and toxic (PBT); and
- carcinogen; and
- reproductive toxicant; and
- endocrine disruptor.

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Tracking number 55i35r1
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 revision for 55i35

Revision to NSF/ANSI 55 – 2009
 Issue 35 Revision 1 (June 2012)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

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

NSF/ANSI Standard for Drinking Water Treatment Units –

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7 Elective performance claims – test methods

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7.2 Microbiological performance

7.2.1 UV sensitivity of challenge organisms

7.2.1.1 General

Calibration is performed to determine the UV sensitivity of the MS-2 Coliphage American Type Culture Collection (ATCC)¹ # 15597-BI (Class A), ~~or~~ *S. cerevisiae* ATCC # 18824 (Class B), or T1 Coliphage ATCC # 11303 (Class B) challenges ~~(Class B)~~ used in the performance test methods outlined in 7.2.2.

Microbiological methods for stock culture preparation, enumeration/analysis, and storage for MS-2 Coliphage, ~~and~~ *S. cerevisiae*, and T1 Coliphage shall be performed as specified in annex A.

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8 Instructions and information

Class A systems not installed downstream of a device tested for cyst reduction/inactivation in conformance to the appropriate NSF/ANSI standard may claim reduction of *Cryptosporidium* oocysts and *Giardia* cysts only. Class A systems installed downstream of a device tested for cyst reduction/inactivation in conformance to the appropriate NSF/ANSI standard may make a general cyst claim when used on untreated surface waters and/or groundwater under the direct influence of surface water. Class B systems may not make individual or general cyst claims.

The units evaluated in this Standard shall not make claims of reduction or inactivation of MS-2 Coliphage, ~~and~~ *S. cerevisiae*, or T1 Coliphage.

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¹ www.atcc.org

Tracking number 55i35r1
 © 2012 NSF
 revision for 55i35

Revision to NSF/ANSI 55 – 2009
 Issue 35 Revision 1 (June 2012)

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Annex A (normative)

Ultraviolet water treatment systems microbial reduction

A.1 Summary

MS-2 phage, ~~and~~ *S. cerevisiae*, and T1 Coliphage are used as biological surrogates to determine the average UV dose output of UV water treatment systems. The methods that are used for suspension preparation, titration, and analysis of the challenge organisms for use in the sensitivity calibration and testing are presented in this annex.

A.2 Equipment

- autoclave;
- radiometer (International light IL-700);
- UV collimating beam apparatus and 254 nm photo detector;
- incubator, 35 ± 1 °C (95 ± 1 °F);
- refrigerator, 5 ± 3 °C (41 ± 3 °F);
- water bath 50 ± 1 °C (122 ± 1 °F);
- freezer;
- microwave;
- vortex mixer;
- UV-vis spectrophotometer;
- pH meter;
- hemocytometer;
- Colony Counter; and
- centrifuge.

A.3 Microorganisms

All organisms shall be obtained from ATCC.

- *Saccharomyces cerevisiae* (ATCC # 18824);
- MS-2 Coliphage (ATCC # 15597-BI); ~~and~~
- *Escherichia coli* (ATCC # 15597) host strain for MS-2 (~~ATCC # 15597~~);
- T1 Coliphage (ATCC # 11303-B1); and
- *Escherichia coli* (ATCC # 11303) host strain for T1.

A.7.2 Formula to be used when MS-2 or T1 Coliphage is chosen for microbiological agent

A.7.2.1 TSB (Tryptic Soy Broth)

Ingredient	Amount
tryptone	1.7 g

Tracking number 55i35r1
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 revision for 55i35

Revision to NSF/ANSI 55 – 2009
 Issue 35 Revision 1 (June 2012)

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soytone	0.3 g
dextrose	0.25 g
sodium chloride	0.5 g
dipotassium phosphate	0.25 g
DI water	100 mL
pH	7.3 ± 0.2

TSB shall be dissolved by boiling and adjusted to final pH. 8-mL aliquots shall be dispensed into 16 x 150 mm test tubes. TSB shall be autoclaved at 121 ± 1 °C (250 ± 1 °F) at 15 psi for 20 min. Cooled broth shall be stored at 5 ± 1 °C (41 ± 1 °F).

A.8.2 MS-2 Coliphage

A.8.2.1 Stock culture preparation of MS-2 Coliphage

NOTE – This section describes the propagation and harvesting methods for stock suspensions of MS-2 Coliphage for use as a challenge suspension for low flow (< 1 gpm) water treatment units. If units possessing a flow rate greater than 1 gpm are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of MS-2 Coliphage. This method should also be repeated when cryogenic stocks are low.

a) One day prior to preparation of MS-2 Coliphage stock, a cryogenically frozen *E. coli* ATCC # 15597 host strain shall be thawed. One TSB tube shall be inoculated with 0.1 mL of the stock suspension. The stock suspension shall be incubated at 35 ± 1°C (95 ± 1 °F) for 18 ± 2 h.

b) On the day of preparing MS-2 Coliphage stock, 1% TSA shall be liquefied and the media shall be tempered in a 45 ± 1 °C (113 ± 1 °F) water bath. 1.5% TSA plates shall be room temperature prior to use.

c) Serial dilutions of MS-2 Coliphage suspension (10^{-1} to 10^{-12}) shall be made using sterile PBS. 10^{-5} to 10^{-12} dilutions shall be plated in triplicate on 1.5% TSA plates. In a sterile tube, 1 mL of diluted MS-2 Coliphage shall be transferred. Then 0.1 mL of *E. coli* ATCC # 15597 host shall be added quickly to ~ 5 mL of melted 1% TSA. The inoculum and media shall be vortexed and poured on TSA plates. The plates shall be rocked to spread inoculum evenly. After the 1% TSA layer has solidified, the plates shall be inverted and incubated at 35 ± 1°C (95 ± 1 °F) for 18 ± 2 h.

d) Plates shall be selected that show complete lysis of host cells by the MS-2 Coliphage. The surface of each plate shall be flooded with 3 mL of TSB. The 1% TSA layer shall be gently removed using a cell scraper. The contents shall be poured into two sterile 50 mL centrifuge tubes and the total volume brought to 40 mL with TSB. 0.2 g EDTA and 0.026 g lysozyme shall be added to each tube. The centrifuge tubes shall be incubated at room temperature for 2 h, mixing every 15 min.

e) After the 2 h incubation, the tubes shall be centrifuged at 9280 xg for 5 min, or 2320 xg for 20 min, at 20 ± 1 °C (68 ± 1 °F). The resulting supernatant shall be removed while avoiding the pellet. A sterile 47-mm filtration assembly shall be aseptically constructed using a 0.22-µm polycarbonate filter. The filter shall be pretreated with 10 mL of TSB broth just prior to the filtration to minimize MS-2 Coliphage adsorption to the filter. The supernatant shall be filtered.

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- f) For long-term storage (greater than 28 d), $\frac{1}{10}$ volume of sterile glycerol shall be added to suspension, dispensed into 1 mL and 3 mL aliquots in cryovials, and stored at $-70^{\circ} \pm 1^{\circ} \text{C}$ ($-94 \pm 1^{\circ} \text{F}$).
- g) The MS-2 Coliphage suspension shall be titrated as in A.8.2.2. The concentration of MS-2 Coliphage should be 10^{10} to 10^{12} PFU/mL.

A.8.2.2 Enumeration of MS-2 Coliphage plaques

- a) A cryogenically frozen *E. coli* ATCC # 15597 host strain shall be thawed. One TSB tube shall be inoculated with 0.1 mL of the stock suspension. The TSB tube shall be incubated at $35 \pm 1^{\circ} \text{C}$ ($95 \pm 1^{\circ} \text{F}$) for 18 ± 2 h.
- b) 1% TSA shall be liquefied and the media shall be tempered in a $45 \pm 1^{\circ} \text{C}$ ($113 \pm 1^{\circ} \text{F}$) water bath. 1.5% TSA plates shall be room temperature prior to use.
- c) Serial dilutions of MS-2 Coliphage suspension (10^{-1} to 10^{-12}) shall be made using sterile PBS. 10^{-7} to 10^{-12} dilutions shall be plated in triplicate on 1.5% TSA plates. In a sterile tube, 1 mL of diluted MS-2 Coliphage shall be transferred. Then 0.1 mL of *E. coli* ATCC # 15597 host shall be added quickly to ~ 5 mL of melted 1% TSA. The inoculum and media shall be vortexed and poured on TSA plates. The plates shall be rocked to spread inoculum evenly. After the 1% TSA layer has solidified, the plates shall be inverted and incubated at $35 \pm 1^{\circ} \text{C}$ ($95 \pm 1^{\circ} \text{F}$) for 18 ± 2 h.
- d) After incubation, plates containing 20 – 200 distinct plaque forming units (PFU) shall be enumerated using a Colony Counter. The MS-2 Coliphage suspension titer shall be calculated by multiplying the number of PFU obtained by the inverse of the dilution factor. The concentration of MS-2 Coliphage should be 10^{10} to 10^{12} PFU/mL.

A.8.3 T1 Coliphage

Stock culture preparation and enumeration of T1 Coliphage shall be performed following the procedures in A.8.2, utilizing *E. coli* (ATCC # 11303) as the host organism.

A.10 Analysis of influent and effluent samples

A.10.1 Enumeration of *S. cerevisiae* cells

- a) Serial dilutions of the influent and effluent samples (10^0 to 10^{-5}) shall be made using SBDW. 10^0 to 10^{-5} dilutions shall be plated in duplicate on YM agar plates. The plates shall be incubated at $25 \pm 1^{\circ} \text{C}$ ($77 \pm 1^{\circ} \text{F}$) for 48 to 72 h prior to reading.
- b) After incubation, plates containing 25 to 250 distinct cells shall be enumerated using a Colony Counter. The *S. cerevisiae* cells suspension titer shall be calculated multiplying the number of CFU obtained by the inverse of the dilution factor. Results shall be expressed as the number of CFU/mL.

A.10.2 Enumeration of MS-2 Coliphage plaques

- a) Serial dilutions of the influent and effluent samples (10^0 to 10^{-5}) shall be made using sterile PBS. 10^0 to 10^{-5} dilutions shall be plated in duplicate on 1.5% TSA plates. In a sterile tube, 1 mL of diluted

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MS-2 Coliphage shall be transferred. Then 0.1 mL of *E. coli* ATCC # 15597 host shall be added quickly to ~ 5 mL of melted 1% TSA. The inoculum and media shall be vortexed and poured on TSA plates. The plates shall be rocked to spread inoculum evenly. After the 1% TSA layer has solidified, the plates shall be inverted and incubated at $35 \pm 1^\circ\text{C}$ ($95 \pm 1^\circ\text{F}$) for 18 ± 2 h.

b) After incubation, plates containing 20 – 200 distinct plaque forming units (PFU) shall be enumerated using a Colony Counter. The MS-2 Coliphage suspension titer shall be calculated by multiplying the number of PFU obtained by the inverse of the dilution factor. Results shall be expressed as the number of PFU/mL.

A.10.3 Enumeration of T1 Coliphage plaques

Enumeration of T1 Coliphage plaques shall be performed following the procedures in A.10.2, utilizing *E. coli* (ATCC # 11303) as the host organism.

A.11 Challenge verification

After the appropriate incubation period for MS-2 Coliphage, ~~or~~ *S. cerevisiae*, or T1 Coliphage the colonies shall be counted on all of the density determination plates. The mean number of microorganisms per milliliter for plates with 25 to 250 colonies/plaques shall be calculated. This shall verify that the challenge organism was present in the challenge test water at the optimum concentration before being added to test apparatus.

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NSF International Standard for Dietary Supplements —

Dietary supplements

-
-
-

5.3.2 Pesticides

Unless a manufacturer has controls in place to screen for pesticides or use certified organic ingredients as demonstrated in the GMP audit, a broad pesticide screen shall be performed to confirm compliance with FDA and EPA regulated limits and the absence of banned pesticides in botanical products.

NOTE - A pesticide is considered banned if it appears in Annex III of the Rotterdam Convention.^[1]

Raw materials and finished products containing *Panax ginseng* or *Panax quinquefolius* shall meet applicable national requirements for the market in which they are to be sold. shall not contain pesticides listed in 7.2.2 (limit of detection is less than 10 parts per billion [ppb]).

NOTE - Products which are to be sold and/or distributed in the United States shall not contain pesticides listed in 7.2.2 (limit of detection is 10 parts per billion [ppb]). The limits are not based upon a safety or risk assessment of the individual pesticides; rather, limits are related to U.S. trade and governmental preferences regarding ginseng suppliers. Product that does not meet the requirements for pesticides listed in 7.2.2 shall be labeled in a manner that would preclude its sale and/or distribution in the United States.

REASON: A negative vote/comment on the 173i1r1 JC ballot indicated that it is not clear as to what is meant by “banned pesticides.” At the Joint Committee Meeting held May 15, 2012, there was good discussion of this topic and general agreement on adding a note referencing the Rotterdam Convention to section 5.3.2 for clarification purposes since the Rotterdam list is an international convention with a broad basis of acceptance. Additionally, two negative votes/comments on the 173i45r2 CPHC ballot indicated that wording more inclusive than USA-specific is essential for a standard intended for international use.

^[1] Secretariat of the Rotterdam Convention – UNEP, 11-13, Chemin des Anémones - 1219 Châtelaine, Switzerland <www.pic.int/>.

Part 7 – Integrated Vegetation Management a. Utility Rights-of-way revision

BSR A300 (Part 7) – 201x Revision Draft 3 Version 1

For Tree Care Operations –

Tree, Shrub, and Other Woody Plant Management

Standard Practices

(Integrated Vegetation Management a. Utility Rights-of-way)

- 1 ANSI A300 standards scope, purpose, and application
- 70 Part 7 – Integrated Vegetation Management (IVM) standards
- 71 Normative references
- 72 Definitions
- 73 IVM a. Utility Rights-of-way practices
- 74 IVM applications
- 75 Tree pruning and tree removal

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603-314-5380

Fax: 603-314-5386

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72 Definitions (The definitions subclause will be part of the ANSI A300 Part 7 IVM standard)

72.1 action threshold: ~~The maximum acceptable levels of plant density, height, location, or condition that initiates implementation of a control method.~~ A point at which the level of incompatible plant species, density, height, location or condition threatens the stated management objectives and requires the implementation of a control method(s).

72.4 cultural control methods: Management of vegetation through ~~the establishment of compatible stable plant communities or the use of crops, pastures, parks, or other managed landscapes, alternative use of right-of-way that precludes the growth of incompatible vegetation through the use of crops, pastures, parks or other managed landscapes.~~

73.5.7 Chemical control methods

73.5.7.1 Materials

73.5.7.4 Consideration ~~shall~~ be given to utilizing products that minimize the risk to humans and the environment.

73.5.7.5 Consideration ~~shall~~ be given to ~~reducing~~minimizing the amount of materials utilized over time ~~to minimize the risk to humans and the environment.~~

73.7 Monitoring, Quality Assurance, and Adjustment

73.7.1 An IVM program ~~shall~~ include monitoring and quality assurance to ensure that best practices are followed, objectives of IVM are met, and that all specifications are adhered to.

73.7.2 The results of IVM treatments and of the quality assurance program ~~should~~ be clearly documented.

73.7.3 Results and findings from monitoring and quality assurance ~~shall~~ be used to adjust and improve the IVM program.

BSR/UL 2166, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units

(1) Adoption of the Second Edition of the Standard for Safety for Halocarbon Clean Agent Extinguishing System Units, which includes the following changes: (A) Maximum discharge time and editorial changes

PROPOSAL

34.1.1.2 The discharge time shall be the maximum discharge time of ± 1 s.

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BSR/UL 763, Standard for Motor-Operated Commercial Food Preparing Machines

1. Addition of Requirements for Field Attached Accessories

PROPOSAL

6A Field Attached Accessories

6A.1 A machine having provisions for the use of electrical accessories to be attached in the field shall be constructed so that the use of these accessories will not introduce a risk of fire, electric shock, or injury to persons.

6A.2 The machine shall comply with all requirements of this standard with or without the accessory installed.

6A.3 Installation of accessories by the user shall be restricted to an arrangement that can be accomplished by means of receptacles and plug-in connectors.

6A.4 Installation of accessories by service personnel shall be by means of receptacles, plug-in connectors, insulated wire connectors, or by connection to existing wiring terminals.

6A.5 With reference to 6A.4, an installation shall not require the cutting of wiring or the soldering of connections by the installer. Installations shall not require cutting, drilling, or welding in electrical enclosures and in other areas where such operations may damage electrical components and wiring within the enclosure.

6A.6 Strain-relief means shall be provided for the wiring in the accessory when there is a possibility of transmitting stress to the terminal connections during installation unless the wiring is located in a low-voltage circuit the functioning of which is not relied upon for compliance with this standard. See Strain Relief Test, Section 47.

6A.7 Each terminal and wiring intended to be field connected shall be identified on the:

- a) Accessory.
- b) Commercial food preparing machine when connections are to be made between the accessory and the machine, and
- c) Wiring diagram(s).

6A.8 The mounting location of the accessory shall be indicated on the machine.

Exception: When the mounting location is fixed due to the function of the accessory and arrangement of the machine, and instructions are provided specifying the installation and location for the accessory, the mounting location of the accessory need not be indicated on the machine.

6A.9 The intended installation of the accessory shall be indicated in the installation instructions included on or with the accessory. See 58.1.

6A.10 An electrical accessory intended for field installation shall be marked in accordance with 57.5.3.

6A.11 As part of the investigation, accessories are to be tested as described in the Accessory Installation Test, Section 53A, in case of doubt, to determine that:

- a) Their installation is feasible,
- b) The instructions are detailed and correct, and
- c) The use of the accessories does not introduce a risk of fire, electric shock, and injury to persons.

53A Accessory Installation Test

53A.1 To determine compliance with 6A.11, a machine shall be tested in accordance with 53A.2.

53A.2 The field attached accessory shall be installed in or on the machine in accordance with the installation instructions.

57.5 Attachment and accessory marking

57.5.3 An electrical accessory intended for field installation in or on a machine shall be marked with the name or identifying symbol of the manufacturer or private labeler, with a catalog number or equivalent with which it is intended to be used. The machine shall be marked to indicate the catalog number or equivalent designation of such an accessory and the name of the manufacturer or private labeler of that accessory.

58 Accessory Installation Instructions

58.1 With reference to 6A.9, instructions for installing the accessory shall be provided on or with the accessory. A statement shall be included in the instructions warning the user to disconnect the machine from the electrical supply before attempting the installation and that the accessory is intended for use only with the machine that is marked to indicate such use.

2. Addition of Requirements for Internal Wiring Flexing

PROPOSAL

14.1.11 Where the normal operation, cleaning, user servicing or installation of an appliance causes movement of the internal wiring, the Wiring Flexing Test of Section 46A shall be conducted unless the wiring is located in a low-voltage circuit the functioning of which is not relied upon for compliance with this standard.

46A Wiring Flexing Test

46A.1 In accordance with 14.1.11, if the normal operation, cleaning, user servicing or installation of an appliance causes movement of the internal wiring, the appliance shall be capable of operating in the intended manner for the number of cycles specified in Table 46A.1. There shall be no electrical or mechanical malfunction and, after the test, the appliance shall comply with the requirements in Section 34, Dielectric Voltage-Withstand Test.

Table 46A.1**Wiring Flexing Cycles**

<u>Flexing Condition</u>	<u>Number of Cycles</u>
Normal Operation	30,000
Cleaning or User Servicing	6,000
Installation	50

46A.2 In order to determine if there is any electrical or mechanical malfunction, the appliance shall be operated after completing of the specified number of cycles. If the motion of the internal wiring occurs while the appliance is operating, the appliance shall be operated while causing the movement of the internal wiring. No intermittent operation or other signs of damage to the wiring shall be observed.

46A.3 The appliance is to be energized during the test when the motion of the internal wiring occurs while energized. The electrical load applied to the internal wiring may be simulated to represent the current and power factor under maximum normal operating conditions.

46A.4 The cycling rate shall be:

- a) Representative of the maximum speed of the movable member of the appliance during normal operation where the movable member is controlled by the motor, or
- b) 12 cycles per minute where the movable member is operated manually.

46A.5 When requested by the manufacturer, testing with an increased cycling rate is considered representative of the cycling rate specified in 46A.3(b).

46A.6 The movable member is to be so operated that it will reach the maximum limits of travel in both directions, each cycle.

46A.7 When movement of the internal wiring occurs during installation or inspection of electrical field-wiring connections, the test shall be conducted with the field-wiring leads, branch-circuit wiring, and the like, as would be encountered in intended use, in place. In addition to the compliance criteria specified in 46A.1, the testing shall not result in damage to the electrical insulation of the internal wiring.

3. Revision of the Dielectric Voltage-Withstand Test to Specify a DC Dielectric Test Potential

PROPOSAL

34 Dielectric Voltage-Withstand Test

34.1 A machine shall withstand for 1 minute without breakdown the application of a DC potential or an AC 60-Hz essentially sinusoidal potential applied between live parts and dead metal parts and any points of the primary and secondary circuits with the machine in a well heated condition. Except as noted in 34.2 and 34.3, the test potential shall be:

- a) 1000 V AC or 1400 V DC for a machine employing a motor rated 1/2 hp (373 W) or less and 250 V or less.

- b) 1000 V AC plus twice the rated voltage or 1400 V DC plus 2.8 times rated voltage for a machine employing a motor rated more than 1/2 hp or more than 250 V.

34.2 The test potential for the secondary circuit of a machine employing a transformer or autotransformer shall be:

- a) 1000 V AC plus twice the operating voltage or 1400 V DC plus 2.8 times rated voltage if the secondary operates at 251 - 600 V.
- b) 1000 V AC or 1400 V DC if the secondary operates at 51 - 250 V.
- c) 500 V AC or 700 V DC if the secondary operates at 50 V or less.

Exception: This does not apply if the secondary circuit is supplied from a Class 2 transformer.

34.3 A capacitor used for radio-interference elimination or arc suppression shall withstand for 1 minute without breakdown the application of a DC potential or an AC 60-Hz essentially sinusoidal potential between live parts of opposite polarity with the machine at the maximum operating temperature reached in normal use. The test potential shall be:

- a) 1000 V AC or 1400 V DC for a machine employing a motor rated 1/2 hp (373 W) or less and 250 V or less.
- b) 1000 V AC plus twice the rated voltage or 1400 V DC plus 2.8 times rated voltage for a machine employing a motor rated more than 1/2 hp or more than 250 V.

34.4 To determine whether a machine complies with the requirements in 34.1 - 34.3, the machine is to be tested by means of a 500 VA or larger transformer having an a DC output voltage or an AC output voltage that is essentially sinusoidal and that can be varied. The applied potential is to be increased from zero until the required test value is reached and is to be held at that value for 1 minute. The increase in the applied potential is to be at a substantially uniform rate and as rapid as consistent with its value being correctly indicated by a voltmeter.

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BSR/UL 1561, Standard for Safety for Dry-Type General Purpose and Power Transformers

1. Revised Requirements for the Testing of Transformers with Multiple Frequencies

23.1.10 Tests at more than one frequency may be required if the transformer is marked with a range of frequencies. When the transformer is rated for a range of frequencies (such as 50 - 400 Hz), the test shall be conducted with the supply circuit at the lowest frequency.

Exception: Transformers rated 50/60 Hz shall be tested at either 50 Hz or at 60 Hz plus 120 percent of the rated input voltage of the transformer.



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

1. The Proposed Second Edition of the Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems, UL 2231-2, to Harmonize Requirements with ANCE and CSA

43 General

43.1 A device shall be marked with the manufacturer's name, trademark, or other suitable means of identification and the electrical ratings in voltage, frequency or DC, and load capacity in amperes. Additional wording may be provided.

43.1.1 In Mexico, the symbols  or "c.a." for AC, the symbol  or "c.d." for DC, or both, as applicable, shall be used. In Canada and the US, the additional use of symbols is optional.

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