ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: June 5, 2016

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

Addenda

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2013, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15 -2013)

This corrects previously updated references in Appendix A (Informative References) and Appendix B (Normative References) to ANSI/ASHRAE Standard 15-2013.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 18-201x (i14r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2012)

This Standard contains requirements for equipment and devices that manually dispense food or beverages, in bulk or in portions. The materials, design, and construction requirements of this Standard may also be applied to an item that is manufactured as a component of food and beverage dispensing equipment. This Standard does not apply to vending machines, dispensing freezers, or bulk milk dispensing equipment covered by the scope of other NSF Standards.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 401-201x (i3r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce emerging compounds in public or private water supplies, such as pharmaceutical, personal care products (PPCPs), and endocrine disrupting compounds (EDCs).

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 651A-201x, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2011a)

Document dated 5-6-2016 proposes revised crush test loads for HDPE conduit and the removal of the reference to ASTM D648.

Click here to view these changes in full

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

Comment Deadline: June 20, 2016

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC E-10-201x, Storage Batteries (revision of ANSI/ABYC E-10 -2011)

These standards and recommended practices apply to storage batteries used in direct current (DC) electrical systems on boats that operate at potentials of nominal fifty (50) volts or less.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ASSE (ASC A1264) (American Society of Safety Engineers)

Revision

BSR/ASSE A1264.1-201X, Safety Requirements for Workplace Walking/Working Surfaces & Their Access; Workplace Floor, Wall & Roof Openings; Stairs & Guardrails Systems (revision of ANSI/ASSE A1264.1 -2007)

This standard sets forth safety requirements in industrial and workplace situations for protecting persons in areas/places where danger exists of persons or objects falling through floor, roof or wall openings, or from platforms, runways, ramps and fixed stairs, or roof edges in normal, temporary and emergency conditions.

Single copy price: $77.00

Obtain an electronic copy from: OMunteanu@ASSE.org

Order from: Ovidiu Munteanu, (847) 232-2012, OMunteanu@ASSE.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1200-1988 (R201x), Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150F) (reaffirmation of ANSI/ASTM F1200-1988 (2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1201-1988 (R201x), Specification for Fluid Conditioner Fittings in Piping Applications Above 0F (reaffirmation of ANSI/ASTM F1201-1988 (2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1386-1997 (R201x), Guide for Construction of Sounding Tube and Striker Plate for Tank Sounding (reaffirmation of ANSI/ASTM F1386 -1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1431-1992 (R201x), Specification for Water Trap for Diesel Exhaust (reaffirmation of ANSI/ASTM F1431-1992 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1433-1997 (R201x), Specification for Mechanically Refrigerated Air Conditioner (reaffirmation of ANSI/ASTM F1433-1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1508-1997 (R201x), Specification for Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services (reaffirmation of ANSI/ASTM F1508-1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1792-1997 (R201x), Specification for Special Requirements for Valves Used in Gaseous Oxygen Service (reaffirmation of ANSI/ASTM F1792-1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1793-1997 (R201x), Specification for Automatic Shut-Off Valves (Also Known as Excess Flow Valves, EFV) for Air or Nitrogen Service (reaffirmation of ANSI/ASTM F1793-1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: accreditation@astm.org

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1794-1997 (R201x), Specification for Hand-Operated, Globe-Style Valves for Gas (Except Oxygen Gas) and Hydraulic Systems (reaffirmation of ANSI/ASTM F1794-1997 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM D2859-201x, Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials (revision of ANSI/ASTM D2859-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D3244-201x, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2012a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM D4171-201x, Specification for Fuel System Icing Inhibitors (revision of ANSI/ASTM D4171-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM D6708-201x, Practice for Statistical Assessment and Improvement of Expected Agreement between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM D7566-201x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2015b)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM D7719-201x, Specification for High Aromatic Content Unleaded Hydrocarbon Aviation Gasoline (revision of ANSI/ASTM D7719-2015A)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM D7775-201x, Guide for Measurements on Small Graphite Specimens (revision of ANSI/ASTM D7775-2011 (R2015))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM E23-201x, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2016a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)

Revision

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

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

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

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM E1529-201x, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2014a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)

Revision

BSR/ASTM E1776-201x, Guide for Development of Fire-Risk-Assessment Standards (revision of ANSI/ASTM E1776-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM E3020-201x, Practice for Ignition Sources (revision of ANSI/ASTM E3020-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F355-201x, Test Method for Impact Attenuation of Playing Surface Systems and Materials (revision of ANSI/ASTM F355-2010a)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F1250-201x, Specification for Stationary Upright and Recumbent Exercise Bicycles and Upper Body Ergometers (revision of ANSI/ASTM F1250-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F1979-201x, Specification for Paintballs Used in the Sport of Paintball (revision of ANSI/ASTM F1979-2010 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

AWS (American Welding Society)

Reaffirmation

BSR/AWS D16.1M/D16.1-2004 (R201x), Specification for Robotic Arc Welding Safety (reaffirmation of ANSI/AWS D16.1M/D16.1-2004)

The requirements of this standard apply to industrial robots that are used to perform the gas metal arc welding (GMAW) and flux coredarc welding (FCAW) processes. The purpose of this standard is to establish minimum safety requirements with respect to the design, manufacture, maintenance, and operation of arc welding robot systems and ancillary equipment. It is also designed to help identify and minimize hazards involved in maintaining, operating, and setting up of arc welding robot systems.

Single copy price: $64.00

Obtain an electronic copy from: pportela@aws.org

Order from: Peter Portela, (305) 443-9353, pportela@aws.org

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

HL7 (Health Level Seven)

Revision

BSR/HL7 V3 RIM, R7-201x, HL7 Version 3 Standard: Reference Information Model, Release 7 (revision and redesignation of ANSI/HL7 V3 RIM, R6 -2013)

The HL7 Reference Information Model is the foundation from which all HL7 V3 information models must be derived. This American National Standard is maintained using the ANSI "continuous maintenance" process, whereby updates to the RIM are balloted annually within HL7. This is the sixth such annual update. Material changes will be noted in the Notes to Balloters of the preface. The Scope of this ballot is limited to those elements of the RIM or its controlling Vocabulary that have been adopted in Harmonization since May 2013, plus the retirement of elements that have been in a deprecated status for more than two RIM releases.

Single copy price: Free to members; free to non-members 90 days following ANSI approval and publication by HL7

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

ISA (International Society of Automation)

New National Adoption

BSR/ISA 62453-1-201x, Field Device Tool (FDT) Interface Specification - Part 1 Overview and Guidance (identical national adoption of IEC 62451-1)

Provides an interface specification for developers of FDT (Field Device Tool) components to support function control and data access within a client/server architecture. The availability of this standard interface facilitates development of servers and clients by multiple manufacturers and supports open interoperation.

Single copy price: $200.00

Obtain an electronic copy from: crobinson@isa.org

Order from: Charles Robinson, (919) 990-9213, crobinson@isa.org

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

ISA (International Society of Automation)

New National Adoption

BSR/ISA 62453-2-201x, Field Device Tool (FDT) Interface Specification - Part 2: Concepts and Detailed Description (identical national adoption of IEC 62453-2 and revision of ANSI/ISA 62453-2 (103.00.02)-2011)

This standard explains the common principles of the field device tool (FDT) concept. These principles can be used in various industrial applications such as engineering systems, configuration programs and monitoring and diagnostic applications. This standard specifies the general objects, general object behavior and general object interactions that provide the base of FDT.

Single copy price: $200.00 usd

Obtain an electronic copy from: crobinson@isa.org

Order from: Charles Robinson, (919) 990-9213, crobinson@isa.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 430-201X, Standard for Installing and Maintaining Medium-Voltage Switchgear (revision of ANSI/NECA 430-2006)

This standard describes site preparation, installation, and maintenance procedures for medium-voltage switchgear nominally rated 5 kV and 15 kV AC. Medium-voltage switchgear may be classified as either metal-clad switchgear or metal-enclosed switchgear.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

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

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standard

BSR C78.51-201x, Electric Lamps: LED (Light Emitting Diode) Lamps - Method of Designation (new standard)

This standard describes a system for the designation of integrally ballasted Solid State Lighting (SSL) lamps that have standardized characteristics. The lamps may be connected to the branch circuit or connected to another voltage suitable for lighting applications, such as 12 V AC or DC. This document is intended to allocate lamp codes for new lamps that are not direct replacements for lamps with existing ANSI Lamp Codes or Lamp Designations. OLED lamps are not included at this time.

Single copy price: $75.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

BSR C78.21-2011 (R201X), Incandescent lamps: PAR and R Shapes (reaffirmation of ANSI C78.21-2011)

This standard provides physical and electrical characteristics of the group of incandescent lamps that have PAR and R bulb shapes. Lamps with clear, frosted, and lens end bulbs, with clear and prescription lenses, and with various reflector coatings are covered. Lamps covered in this standard may contain either of two basic types of light sources; an incandescent filament or a tungsten halogen inner bulb. Sunlamps and heat lamps of the R type are included. Lamps with discharge arc tubes are not included.

Single copy price: $220.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C82) (National Electrical Manufacturers Association)

Withdrawal

ANSI C82.7-1983 (R2010), Standard for mercury lamp transformers - Constant-current (series) supply type (withdrawal of ANSI C82.7-1983 (R2010))

This standard is intended to cover mercury lamp transformers (ballasts) for operation on constant-current (series) supply circuits normally supplied by constant-current transformers of the moving-coil type.

Single copy price: $50.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NEMA (ASC C82) (National Electrical Manufacturers Association)

Withdrawal

ANSI C82.8-1988 (R2010), Standard for lamp transformers - Incandescent filament lamp transformers - Constant-current (series) supply type (withdrawal of ANSI C82.8-1988 (R2010))

This standard is intended to cover incandescent filament lamp transformers for operation on constant-current (series) supply circuits.

Single copy price: $50.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i78r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/32182/49i78r2%20-%20Metric%20Equivalence%20-%20JC%20memo%20&%20ballot.pdf

Order from: Allan Rose, (734) 827-3817, arose@nsf.org

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

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

New Standard

BSR B74.24-201x, Specification for Abrasive Materials for Blasting (new standard)

To establish a specification for manufactured mineral type abrasive materials used with pressure blasting equipment. The abrasives are generally used for blast cleaning metal surfaces to remove scale, rust, paint, encrusted sand, dirt, and other foreign material, and to prepare surfaces for applied finishes such as paints, plasma spray and metal plating.

Single copy price: $1.50 (UAMA members); $13.00 (nonmembers)

Obtain an electronic copy from: sab@wherryassoc.com

Order from: sab@wherryassoc.com

Send comments (with copy to psa@ansi.org) to: jjw@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2743-201x, Standard for Portable Power Packs (new standard)

The First edition of UL 2743, Standard for Portable Power Packs is being proposed and covers: Portable and movable power packs provided with one or more batteries or electrochemical capacitor modules. If provided with a battery, the battery shall be either a lead acid or lithium ion battery. The power packs are provided with one or more inputs and they are provided with one or more outputs. For power packs provided with a booster function, the power packs are used for providing a temporary power source to a depleted land vehicle battery, rated 12 or 24 V, to provide emergency starting power.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 496-201x, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013b)

The following are proposed new and revised requirements for UL 496: (1) Addition of Paragraphs SA2.4 and SA2.5 to add requirements for Lampholder Fittings with Integral USB Connectors; (2) Addition of Paragraph 4.8.6.1, and to add requirements for Minimum Lead Wire Gauge Size for GU24 Outlet-Box Lampholders; and (3) Addition of Paragraph 4.9.9.1 to clarify the Creepage Distances and Clearances measurements.

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: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60947-7-1-201x, Standard for Safety for Low-Voltage Switchgear And Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors (revision of ANSI/UL 60947-7-1-2011)

(1) Revision to national differences to the Standard for Low-Voltage Switchgear and Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors, UL 60947-7-1, to include Canada.

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: Valara Davis, (919) 549-0921, Valara.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60947-7-2-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-2: Ancillary Equipment - Protective Conductor Terminal Blocks for Copper Conductors (revision of ANSI/UL 60947-7-2-2011)

(1) Revision to national differences to the Standard for Low-Voltage Switchgear and Controlgear - Part 7-2: Ancillary Equipment - Protective Conductor Terminal Blocks for Copper Conductors, UL 60947-7-2, to include Canada.

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: Valara Davis, (919) 549-0921, Valara.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60947-7-3-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-3: Ancillary Equipment - Safety Requirements for Fuse Terminal Blocks (revision of ANSI/UL 60947-7-3-2011)

(1) Revision to national differences to the Standard for Low-Voltage Switchgear and Controlgear - Part 7-3: Ancillary Equipment - Safety Requirements for Fuse Terminal Blocks, UL 60947-7-3, to include Canada.

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: Valara Davis, (919) 549-0921, Valara.Davis@ul.com

Comment Deadline: July 5, 2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B18.1.1-1972 (R201x), Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.1-1972 (R2011))

This standard covers the complete general and dimensional data for those types of small solid rivets recognized as "American National Standard". All other types of small solid rivets, within the limits of the diameters contained in this standard, are to be considered special.

Single copy price: $35.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591 -7021, gomezc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B18.1.2-1972 (R201x) , Large Rivets (reaffirmation of ANSI/ASME B18.1.2-1972 (R2011))

This standard covers complete general and dimensional data for those types of large solid rivets recognized as "American National Standard" together with dimensional data applicable to manufactured heads after driving, driven heads, and hold-on (dolly bar) and rivet set impressions.

Single copy price: $35.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591 -7021, gomezc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B18.1.3M-1983 (R201X) , Metric Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.3M-1983 (R2011))

This Standard covers complete general and dimensional data for those types of metric small solid rivets recognized as American National Standard.

Single copy price: $35.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591 -7021, gomezc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B18.10-2006 (R201x) , Track Bolts and Nuts (reaffirmation of ANSI/ASME B18.10-2006 (R2011))

This Standard covers the complete general and dimensional data for inch-series oval-neck and elliptic-neck track bolts and square nuts intended for use with these bolts, and recognized as an American National Standard.

Single copy price: $35.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591 -7021, gomezc@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME V&V 10-2006 (R201x), Verification and Validation in Computational Solid Mechanics (reaffirmation of ANSI/ASME V&V 10-2006)

ASME V&V 10 provides the computational-solid-and-structural-mechanics community with a common language, a conceptual framework, and general guidance for implementing the processes of computational model V&V. The reader will find a glossary of terms, figures illustrating the recommended overall approach to V&V activities, and discussions of factors that should be considered in developing and executing a V&V program.

Single copy price: $50.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60939-3-201X, Standard for Safety for Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate (Proposal dated 5-6-16) (national adoption with modifications of IEC 60939-3)

This proposal includes adoption of IEC 60939-3, Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units, for which safety tests are appropriate, as a new IEC-based UL Standard, UL 60939-3, with US differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549 -1511, Ross.Wilson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1682-201X, Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type (revision of ANSI/UL 1682-2013)

This standard applies to pin-and-sleeve-type plugs, receptacles, power inlets, and connectors, rated up to 800 amperes and up to 600 volts ac or dc, and which may include up to eight pilot contacts. These devices are intended to provide power from branch circuits, or are for direct connection to the branch circuit in accordance with the Canadian Electrical Code Part I; the National Electrical Code (NEC), ANSI/NFPA 70; and the Mexican Electrical Code, NOM 001 SEDE, using copper conductors, for use in either indoor or outdoor nonhazardous locations. In Canada, the terminals of a device intended to accommodate aluminum conductors also comply with CSA C22.2 No. 65.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Projects Withdrawn from Consideration

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

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE 48-2-201x, Test Procedure for Measuring Relative Shielding Properties of Active and Passive Coaxial Cable Devices Using H-P Magnetic Close Field Probe (revision of ANSI/SCTE 48-2-2008)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE 72-201x, Test Method for Axial Load Temperature Cycling of Drop Cable/Connector Interface (revision of ANSI/SCTE 72-2002 (R2007))

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE 114-201x, Test Method for Dimensions of Corrugated Subscriber Access Cable (revision of ANSI/SCTE 114-2010)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE 170-201x, Preparing an MDU Amplifier Extender Specification (revision of ANSI/SCTE 170-2010)

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 009-200x, Specification for Braided, 75 Ohm, Flexible Mini-Coaxial Baseband Cable (new standard)

Inquiries may be directed to Travis Murdock, (610) 594-7308, tmurdock@scte.org

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 413-201x, Specification for 75 ohm 'MCX' Connector, Body Geometry and Fixture Methods (new standard)

UL (Underwriters Laboratories, Inc.)

BSR/UL 96A-201x, Standard for Safety for Installation Requirements for Lightning Protection Systems (new standard)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

SCTE (Society of Cable Telecommunications Engineers)

ANSI/SCTE 114-2010, Test Method for Dimensions of Corrugated Subscriber Access Cable

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.

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

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.16-201X, Safety Requirements for Tunnels, Shafts, and Caissons - Standard for Construction and Demolition Operations (revision of ANSI/ASSE A10.16-2009)

Obtain an electronic copy from: Tim Fisher

ASSE (ASC A1264) (American Society of Safety Engineers)

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

Contact: *Ovidiu Munteanu*

Phone: (847) 232-2012

Fax: (847) 699-2929

E-mail: OMunteanu@ASSE.org

BSR/ASSE A1264.1-201X, Safety Requirements for Workplace Walking/Working Surfaces & Their Access; Workplace Floor, Wall & Roof Openings; Stairs & Guardrails Systems (revision of ANSI/ASSE A1264.1-2007)

Obtain an electronic copy from: OMunteanu@ASSE.org

ASSE (ASC Z88) (American Society of Safety Engineers)

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

Contact: *Ovidiu Munteanu*

Phone: (847) 232-2012

Fax: (847) 699-2929

E-mail: OMunteanu@ASSE.org

BSR ASSE Z88.17-201X, Respirator Protection - Terms, definitions, graphical symbols and units of measurement (new standard)

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

Office: 4043 South Eastern Avenue
Las Vegas, NV 89119

Contact: *Mili Washington*

Phone: (702) 850-2710

Fax: (360) 693-4858

E-mail: mili@iicrc.org

BSR/IICRC S400-201X, Standard for Cleaning, Maintenance, and Restoration of the Commercial Built Environment (new standard)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Phone: (407) 380-1553

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.2-201x, Standard for Safe Use of Optical Fiber and Free-Space Telecommunication Systems Utilizing Laser and LED Sources (revision of ANSI Z136.2-2012)

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602

Contact: *Robert O'Neill*

Phone: (703) 281-6613

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-96-201x, Terminology for Valves, Fittings, and Related Components (revision of ANSI/MSS SP-96-2011)

NECA (National Electrical Contractors Association)

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

Contact: *Sofia Arias*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: sofia.arias@necanet.org

BSR/NECA 430-201X, Standard for Installing and Maintaining Medium-Voltage Switchgear (revision of ANSI/NECA 430-2006)

Obtain an electronic copy from: neis@necanet.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 N 17th St
Rosslyn, VA 22209

Contact: *Michael Erbesfeld*

Phone: 703-841-3262

E-mail: Michael.Erbesfeld@nema.org

BSR C78.21-2011 (R201X), Standard - Incandescent lamps: PAR and R Shapes (reaffirmation of ANSI C78.21-2011)

Obtain an electronic copy from: michael.erbesfeld@nema.org

BSR C78.50-201X, Electric Lamps - Assigned LED Lamp Codes (revision of ANSI C78.50-2014)

BSR C78.51-201x, Electric Lamps: LED (Light Emitting Diode) Lamps - Method of Designation (new standard)

Obtain an electronic copy from: michael.erbesfeld@nema.org

NEMA (ASC C82) (National Electrical Manufacturers Association)

Office: 1300 N 17th St
Rosslyn, VA 22209

Contact: *Michael Erbesfeld*

Phone: 703-841-3262

Fax: 703-841-3362

E-mail: Michael.Erbesfeld@nema.org

ANSI C82.7-1983 (R2010), Standard for mercury lamp transformers - Constant-current (series) supply type (withdrawal of ANSI C82.7-1983 (R2010))

Obtain an electronic copy from: michael.erbesfeld@nema.org

ANSI C82.8-1988 (R2010), Standard for lamp transformers - Incandescent filament lamp transformers - Constant-current (series) supply type (withdrawal of ANSI C82.8-1988 (R2010))

Obtain an electronic copy from: michael.erbesfeld@nema.org

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 525 om-201x, Diffuse brightness of paper, paperboard and pulp (d/0) - ultraviolet level C (revision of ANSI/TAPPI T 525 om -2012)

BSR/TAPPI T 579 om-201x, Diffuse brightness of paper, paperboard and pulp (d/0) (ultraviolet level D65) (new standard)

Obtain an electronic copy from: standards@tappi.org

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Donna Haders*

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: djh@wherryassoc.com

BSR B74.24-201x, Specification for Abrasive Materials for Blasting (new standard)

Obtain an electronic copy from: sab@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Derrick Martin*

Phone: (510) 319-4271

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

BSR/UL 496-201x, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013b)

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

BSR/UL 651A-201x, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A -2011a)

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

Call for Members (ANS Consensus Bodies)

Call for Committee Members

Adjustable Speed Drives

Adjustable speed drives are being used in increasing variations throughout industrial, commercial, and consumer applications. These include large pumps (public water and sewage, for example), ventilation fans, machine tools, conveyor belts, refrigerators, air-conditioning units, electric vehicles and many more. Energy efficiency considerations, along with speed and torque control capabilities, are driving this expansion. Individuals who can represent users of adjustable speed drives in end products and installations, along with those who are of general interest are requested to join in a group that will review standards adopted or developed for use in the United States. These participants will have the opportunity to ensure relevance of the documents and prevent any incompatibilities with US infrastructure and electrical practices.

To join this group, please contact Ken Gettman, NEMA Director of International Standards – ken_gettman@nema.org or 703-841-3254.

Thank you for your interest.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

ASA (ASC S12) (Acoustical Society of America)

New Standard

ANSI ASA S12.9-2016/Part 7, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 7: Measurement of Low Frequency Noise and Infrasound Outdoors in the Presence of Wind and Indoors in Occupied Spaces (new standard): 4/25/2016

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.22-2016, Articulating Boom Cranes (revision of ANSI/ASME B30.22-2010): 4/26/2016

CRRC (Cool Roof Rating Council)

Revision

* ANSI/CRRC S100-2016, Standard Test Methods for Determining Radiative Properties of Materials (revision and redesignation of ANSI/CRRC 1-2012): 4/25/2016

ECIA (Electronic Components Industry Association)

New Standard

ANSI/EIA 364-115-2016, Current Overload Test Procedure for Electrical Connectors and Sockets (new standard): 4/28/2016

HL7 (Health Level Seven)

Revision

ANSI/HL7 V3 SPL, R7-2016, HL7 Version 3 Standard: Structured Product Labeling, Release 7 (revision of ANSI/HL7 V3 SPL, R6 -2015): 4/28/2016

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)

Revision

ANSI ASC C2 NESC-2017, National Electrical Safety Code (revision of ANSI ASC C2 NESC-2012): 4/26/2016

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

Revision

ANSI N42.43-2016, Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security (revision of ANSI N42.43-2006): 4/26/2016

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

ANSI/ICEA S-100-685-2014, Standard for Thermoplastic Insulated and Jacketed Telecommunications Station Wire for Indoor/Outdoor Use (revision of ANSI/ICEA S-100-685-2009): 4/26/2016

NSF (NSF International)

Revision

* ANSI/NSF 4-2016 (i18r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014): 4/22/2016

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 1097-2012 (R2016), Standard for Safety for Double Insulation Systems for Use in Electrical Equipment (reaffirmation of ANSI/UL 1097-2012): 4/26/2016

ANSI/UL 1419-2011 (R2016), Standard for Safety for Professional Video and Audio Equipment (reaffirmation of ANSI/UL 1419-2011): 4/27/2016

Revision

ANSI/UL 746A-2016a, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016): 4/29/2016

ANSI/UL 746A-2016b, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016): 4/29/2016

ANSI/UL 1769-2016, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2015): 4/27/2016

ANSI/UL 1773-2016, Standard for Safety for Termination Boxes (Proposal dated 02-26-16) (revision of ANSI/UL 1773-2011): 4/29/2016

ANSI/UL 2515A-2016, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014): 4/26/2016

ANSI/UL 2515A-2016, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014): 4/26/2016

Project Initiation Notification System (PINS)

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

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

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

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME PTC 47-201x, Performance Test Code for Integrated Gasification Combined Cycle Power Generation Plants (revision of ANSI/ASME PTC 47-2006 (R2011))

Stakeholders: Manufacturers of power-producing equipment, refineries, power plant owners/operators.

Project Need: To provide procedures for the conduct of a performance test code of an Integrated Gasification Combined Cycle (IGCC).

This Code covers a defined range of primary fuel characteristics, but is limited to combined-cycle, power-generation systems using gas and steam turbines. This Code defines the boundaries of the overall IGCC power plant to encompass three major plant sections - the air separation unit (ASU, for oxygen-blown gasifiers or plants that use nitrogen), the gasification process (including gas cleanup), and the power block. Tests conducted by this Code determine the quantity and quality of fuel gas by its flow rate, temperature, pressure, composition, heating value, and content of contaminants.

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

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

Contact: *Tim Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.16-201X, Safety Requirements for Tunnels, Shafts, and Caissons - Standard for Construction and Demolition Operations (revision of ANSI/ASSE A10.16-2009)

Stakeholders: Construction safety and health professionals and stakeholders impacted by equipment addressed in this standard.

Project Need: Based upon the consensus of the A10 ASC and the leadership of ASSE.

This standard establishes safety requirements pertaining to the construction of tunnels, shafts, and caissons. The requirements set forth in this standard cover environmental control; related facilities; fire prevention; hoisting; haulage; and electrical, drilling and blasting, and compressed air work. This standard is not intended for application to mining or quarrying operations.

ASSE (ASC Z88) (American Society of Safety Engineers)

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

Contact: *Ovidiu Munteanu*

Fax: (847) 699-2929

E-mail: OMunteanu@ASSE.org

BSR/ASSE Z88.17-201X, Respirator Protection - Terms, definitions, graphical symbols and units of measurement (new standard)

Stakeholders: Occupational safety and health professionals or those stakeholders working with ventilation systems and equipment.

Project Need: Based upon the consensus of occupational safety and health professionals belonging to ASSE.

This ANSI/ASSE Standard is applicable to respiratory protection. It defines commonly used terms and specifies units of measurement to achieve a uniform national/international interpretation and to prevent ambiguous use. It indicates graphical symbols that may be required to be placed on respiratory protective devices (RPD) or parts of RPD or instruction manuals, in order to instruct the person(s) using the RPD about its operation.

ASTM (ASTM International)

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

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM D1785-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers poly(vinyl chloride) (PVC) pipe made in Schedule 40, 80, and 120 sizes and pressure-rated for water. Included are criteria for classifying PVC plastic pipe materials and PVC plastic pipe, a system of nomenclature for PVC plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, burst pressure, flattening, and extrusion quality. Methods of marking are also given.

http://compass.astm.org/EDIT/html_annot.cgi?D1785+15

BSR/ASTM D2152-201x, Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This test method covers the determination of the adequacy of fusion of extruded rigid poly(vinyl chloride) (PVC) pipe and molded fittings as indicated by reaction to immersion in anhydrous acetone.

http://compass.astm.org/EDIT/html_annot.cgi?D2152+13

BSR/ASTM D2235-201x, Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers solvent cement for joining acrylonitrile-butadiene styrene (ABS) plastic pipe and fittings for pressure and nonpressure systems.

http://compass.astm.org/EDIT/html_annot.cgi?D2235+04\(2011\)

BSR/ASTM D2239-201x, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene (PE) pipe made in standard inside dimension ratios (SIDR) and pressure rated for water (see appendix). Included are requirements for PE compounds and requirements and test methods for workmanship, dimensions, elevated-temperature sustained pressure, burst pressure, and marking.

http://compass.astm.org/EDIT/html_annot.cgi?D2239+12a

BSR/ASTM D2241-201x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers poly(vinyl chloride) (PVC) pipe made in standard thermoplastic pipe dimension ratios and pressure rated for water (see appendix). Included are criteria for classifying PVC plastic pipe materials and PVC plastic pipe, a system of nomenclature for PVC plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, burst pressure, flattening, and extrusion quality.

http://compass.astm.org/EDIT/html_annot.cgi?D2241+15

BSR/ASTM D2464-201x, Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers poly(vinyl chloride) (PVC) threaded Schedule 80 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://www.astm.org/Standards/D2464.htm

BSR/ASTM D2466-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers poly(vinyl chloride) (PVC) Schedule 40 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?D2466+15

BSR/ASTM D2467-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers poly(vinyl chloride) (PVC) Schedule 80 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?D2467+15

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for material dimensions and tolerances, hydrostatic burst strength, chemical resistance, and rapid crack resistance of polyethylene pipe, tubing, and fittings for use in fuel gas mains and services for direct burial and reliner applications.

http://compass.astm.org/EDIT/html_annot.cgi?D2513+14e1

BSR/ASTM D2564-201x, Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for poly(vinyl chloride) (PVC) solvent cements to be used in joining poly(vinyl chloride) piping systems.

http://compass.astm.org/EDIT/html_annot.cgi?D2564+12

BSR/ASTM D2609-201x, Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers plastic insert fittings for polyethylene (PE) plastic pipe, and also PVC insert fittings for PE to PVC pipe transitions. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?D2609+15

BSR/ASTM D2657-201x, Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes general procedures for making joints with polyolefin pipe and fittings (excluding polyethylene pipe and fittings) by means of heat fusion joining techniques in either a shop or field environment.

http://compass.astm.org/EDIT/html_annot.cgi?D2657+07(2015)

BSR/ASTM D2672-201x, Specification for Joints for IPS PVC Pipe Using Solvent Cement (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the socket produced for solvent cement joints on both pressure and non-pressure IPS pipe.

http://compass.astm.org/EDIT/html_annot.cgi?D2672+14

BSR/ASTM D2683-201x, Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene socket-type fittings for use with outside diameter-controlled polyethylene pipe as specified by Specifications D3035 and D2513.

http://compass.astm.org/EDIT/html_annot.cgi?D2683+14

BSR/ASTM D2737-201x, Specification for Polyethylene (PE) Plastic Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene (PE) plastic tubing in outside diameters and SDR's that are pressure rated for water. Included are requirements for PE compounds, and requirements and test methods for PE plastic tubing workmanship, dimensions, elevated-temperature-sustained pressure, burst pressure, and marking.

http://compass.astm.org/EDIT/html_annot.cgi?D2737+12a

BSR/ASTM D2749-201x, Symbols for Dimensions of Plastic Pipe Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: These symbols specify terminology for the dimensions of pipe fittings made of plastic materials. It consists of a list of letter designations with definitions, followed by drawings of typical fittings, with the significant dimensions labeled in accordance with these letter designations.

http://compass.astm.org/EDIT/html_annot.cgi?D2749+13

BSR/ASTM D2855-201x, Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes a two-step (primer and solvent cement) method of joining poly(vinyl chloride) (PVC) or chlorinated poly (vinyl chloride) (CPVC) pipe and piping components with tapered sockets.

http://compass.astm.org/EDIT/html_annot.cgi?D2855+15

BSR/ASTM D3035-201x, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene (PE) pipe made in thermoplastic pipe dimension ratios based on outside diameter and pressure rated for water (see Appendix X1). Included are requirements for polyethylene compounds and PE plastic pipe, a system of nomenclature for PE plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, and burst pressure. Methods of marking are also given.

http://compass.astm.org/EDIT/html_annot.cgi?D3035+15

BSR/ASTM D3122-201x, Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification provides general requirements for styrene-rubber solvent cements to be used in joining styrene-rubber (SR) plastic pipe and fittings.

http://compass.astm.org/EDIT/html_annot.cgi?D3122+15

BSR/ASTM D3138-201x, Specification for Solvent Cements for Transition Joints between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification provides general requirements for solvent cements used in joining acrylonitrile-butadiene-styrene (ABS) plastic pipe or fittings to poly(vinyl chloride) (PVC) plastic pipe or fittings.

http://compass.astm.org/EDIT/html_annot.cgi?D3138+04(2011)

BSR/ASTM D3139-201x, Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the types of joints required for plastic pipe pressure systems with a wall thickness equal to or greater than that of SDR 64 and intended for use in supply and distribution lines for water, using flexible elastomeric seals.

http://compass.astm.org/EDIT/html_annot.cgi?D3139+98(2011)

BSR/ASTM D3212-201x, Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers joints for plastic pipe systems intended for drain, and gravity sewerage pipe at internal or external pressures less than 25-ft head using flexible watertight elastomeric seals.

http://compass.astm.org/EDIT/html_annot.cgi?D3212+07(2013)

BSR/ASTM D3261-201x, Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene (PE) butt fusion fittings for use with polyethylene pipe (IPS, DIPS, and ISO) and tubing (CTS). Included are requirements for materials, workmanship, dimensions, marking, sustained pressure, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?D3261+15

BSR/ASTM D3485-201x, Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers cable-in-conduit (CIC), which is a smooth-walled, coilable, high-density polyethylene (HDPE) conduit (duct) that contains preassembled wires and cables. The outside diameter of the conduit is controlled and the wire or cable encased within may be comprised of single or multiple configurations consisting of electrical/power wires or cables, fiber optic, traditional copper communication, coaxial cable, or any combination thereof.

http://compass.astm.org/EDIT/html_annot.cgi?D3485+15

BSR/ASTM E2688-201x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2010)

Stakeholders: Fire Standards industry.

Project Need: This practice describes a procedure for specimen preparation and mounting when testing tapes up to and including 8 in. (203.2 mm) widths to assess flame spread and smoke development as surface burning characteristics using Test Method E84. Tapes in excess of 8 in. (203.2 mm) are to be tested in full coverage as applied to fiber cement board as described in Test Method E84.

http://www.astm.org/ANSI_SA

BSR/ASTM F402-201x, Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice covers procedures for safe handling of solvent cements, primers, and cleaners used in joining thermoplastic pipe and fittings.

http://compass.astm.org/EDIT/html_annot.cgi?F402+05(2012)

BSR/ASTM F437-201x, Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers chlorinated poly(vinyl chloride) (CPVC) threaded Schedule 80 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?F437+15

BSR/ASTM F438-201x, Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers chlorinated poly(vinyl chloride) (CPVC) Schedule 40 socket-type pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?F438+15

BSR/ASTM F439-201x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers chlorinated poly(vinyl chloride) (CPVC) Schedule 80 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?F439+13

BSR/ASTM F441/F441M-201x, Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers chlorinated poly(vinyl chloride) (CPVC) pipe made in Schedule 40 and 80 sizes and pressure-rated for water (see appendix). Included are criteria for classifying CPVC plastic pipe materials and CPVC plastic pipe, a system of nomenclature for CPVC plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, burst pressure, flattening, and extrusion quality. Methods of marking are also given.

http://compass.astm.org/EDIT/html_annot.cgi?F441+15

BSR/ASTM F442/F442M-201x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers chlorinated poly(vinyl chloride) (CPVC) pipe made in standard thermoplastic pipe dimension ratios and pressure rated for water (see Appendix). Included are criteria for classifying CPVC plastic pipe materials and CPVC plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, burst pressure, flattening, and extrusion quality. Methods of marking are also given.

http://compass.astm.org/EDIT/html_annot.cgi?F442+13e1

BSR/ASTM F477-201x, Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers elastomeric seals (gaskets) used to seal the joints of plastic pipe used for gravity, low-pressure, and high-pressure applications. This refers to push-on joints which require no internal or external pressure to effect the initial seal.

http://compass.astm.org/EDIT/html_annot.cgi?F477+14

BSR/ASTM F493-201x, Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification provides requirements for chlorinated poly(vinyl chloride) (CPVC) solvent cements to be used in joining chlorinated poly(vinyl chloride) pipe, tubing, and socket-type fittings.

http://compass.astm.org/EDIT/html_annot.cgi?F493+14

BSR/ASTM F512-201x, Specification for Chlorinated Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the requirements for single wall and coextruded cellular core smooth-wall poly(vinyl chloride) conduit and fittings for underground communication and electrical power wire and cables. Plastics which do not meet the material requirements specified in Section 5 is excluded from single layer and all coextruded layers.

http://compass.astm.org/EDIT/html_annot.cgi?F512+12

BSR/ASTM F656-201x, Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for primers for use with poly(vinyl chloride) (PVC) pipe and fittings that are to be joined by PVC solvent cements meeting the requirements of Specification D2564.

http://compass.astm.org/EDIT/html_annot.cgi?F656+15

BSR/ASTM F689-201x, Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe within Metallic Casings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes a procedure for the determination of the temperature history of above-ground plastic gas pressure pipe encased in a metallic casing. Such temperature changes may be due to ambient air temperature, or solar exposure, or both.

http://compass.astm.org/EDIT/html_annot.cgi?F689+97(2011)

BSR/ASTM F714-201x, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyethylene (PE) pipe made in dimensions based on outside diameters of 90 mm (3.500 in.) and larger. Three standard outside diameter sizing systems are detailed: one known as the ISO metric system, one known as the IPS system, and the other known as the DIPS system. See 5.2.5 for guidelines for special sizes.

http://compass.astm.org/EDIT/html_annot.cgi?F714+13

BSR/ASTM F876-201x, Specification for Crosslinked Polyethylene (PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers crosslinked polyethylene (PEX) tubing that incorporates an optional polymeric inner, middle or outer layer and that is outside diameter controlled, made in nominal SDR9 tubing dimension ratios except where noted, and pressure rated for water at three temperatures (see Appendix X1).

http://compass.astm.org/EDIT/html_annot.cgi?F876+15a

BSR/ASTM F891-201x, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers coextruded poly(vinyl chloride) (PVC) plastic pipe with a cellular core and concentric inner and outer solid layers, and is produced using a multilayer coextrusion die for nonpressure use in three series: an IPS Schedule 40 series; a PS series with an iron pipe size outside diameter with varying wall thickness as required for pipe stiffness of 25, 50, and 100; and a sewer and drain series.

http://compass.astm.org/EDIT/html_annot.cgi?F891+10

BSR/ASTM F894-201x, Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, ring stiffness, flattening, joint systems, and a form of marking for large-diameter, 10 to 132 in. (250 to 3355 mm), inside-diameter-based polyethylene (PE) pipe of profile wall construction and with bell and spigot, heat fusion, extrusion welded or elctrofusion joints for use in gravity flow applications, such as for sewers and drains.

http://compass.astm.org/EDIT/html_annot.cgi?F894+13

BSR/ASTM F905-201x, Practice for Qualification of Polyethylene Saddle-Fused Joints (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes test criteria suitable for qualification of polyethylene saddle-fused joints. These tests may be conducted by suppliers or users to qualify saddle-fused joints in accordance with the requirements found in the Department of Transportation (DOT) Code of Federal Regulations (CFR) Title 49, Part 192.283. At the discretion of the end user, these tests may also be conducted by users to qualify personnel making saddle fusion joints per DOT CFR 49, Part 192.285.

http://compass.astm.org/EDIT/html_annot.cgi?F905+04(2011)

BSR/ASTM F913-201x, Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers thermoplastic elastomeric seals (gaskets) used to seal the joints of plastic pipe and fittings used for gravity and low-pressure applications. This specification refers to push-on joints that require no internal or external pressure to effect the initial seal.

http://compass.astm.org/EDIT/html_annot.cgi?F913+02(2014)

BSR/ASTM F1025-201x, Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This guide specifically addresses the design and installation of full-encirclement-type band clamps for repair of gouges, punctures, or holes, and for reinforcement of polyethylene plastic pipe.

http://compass.astm.org/EDIT/html_annot.cgi?F1025+94(2011)

BSR/ASTM F1041-201x, Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This guide describes general procedures for squeeze-off of polyolefin gas pressure pipe and tubing. Pipe and squeeze tool manufacturers shall be requested to supply recommendations for squeeze-off with materials or products.

http://compass.astm.org/EDIT/html_annot.cgi?F1041+02(2008)

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

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers electrofusion polyethylene fittings for use with outside diameter-controlled polyethylene pipe, covered by Specifications D2513, D2737, D3035, and F714 and crosslinked polyethylene (PEX), covered by Specifications F876 and F2788.

http://compass.astm.org/EDIT/html_annot.cgi?F1055+15

BSR/ASTM F1056-201x, Specification for Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers socket fusion tools for use in making socket fusion joints between polyethylene pipe or tubing and fittings as specified by Specifications D3035, D2513, D2447, and D2683.

http://compass.astm.org/EDIT/html_annot.cgi?F1056+04(2011)

BSR/ASTM F1281-201x, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers a coextruded crosslinked polyethylene composite pressure pipe with a welded aluminum tube reinforcement between the inner and outer layers. The inner and outer crosslinked polyethylene layers are bonded to the aluminum tube by a melt adhesive. Included is a system of nomenclature for the crosslinked polyethylene-aluminum-crosslinked polyethylene (PEX-AL-PEX) pipes, the requirements and test methods for materials, and the dimensions of the component layers and finished pipe.

http://compass.astm.org/EDIT/html_annot.cgi?F1281+11

BSR/ASTM F1282-201x, Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers a coextruded polyethylene composite pressure pipe with a welded aluminum tube reinforcement between the inner and outer layers. The inner and outer polyethylene layers are bonded to the aluminum tube by a melt adhesive. Included is a system of nomenclature for the polyethylene-aluminum-polyethylene (PE-AL-PE) pipes, the requirements and test methods for materials, the dimensions and strengths of the component tubes and finished pipe, and adhesion tests.

http://compass.astm.org/EDIT/html_annot.cgi?F1282+10

BSR/ASTM F1290-201x, Practice for Electrofusion Joining Polyolefin Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes general procedures for making joints with polyolefin pipe and fittings by means of electrofusion joining techniques. These should be regarded as general procedures and not as a substitute for the installation procedures specified by the manufacturers.

http://compass.astm.org/EDIT/html_annot.cgi?F1290+98a(2011)

BSR/ASTM F1483-201x, Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for materials, dimensions, sustained pressure, accelerated regression testing, burst pressure, flattening, impact resistance, workmanship, and methods of marking for oriented poly(vinyl chloride) (PVCO) pipe for pressure applications.

http://compass.astm.org/EDIT/html_annot.cgi?F1483+15

BSR/ASTM F1488-201x, Specification for Coextruded Composite Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers coextruded composite pipe, produced by a coextrusion die system, in which the concentric layers are formed and combined before exiting the die.

http://compass.astm.org/EDIT/html_annot.cgi?F1488+14

BSR/ASTM F1498-2008 (R201x), Standard Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings (reaffirmation of ANSI/ASTM F1498-2008 (R2012))

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for dimensions and gaging of taper pipe threads used on threaded plastic pipe and fittings.

http://compass.astm.org/EDIT/html_annot.cgi?F1498+08\(2012\)e1

BSR/ASTM F1533-201x, Specification for Deformed Polyethylene (PE) Liner (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials of deformed PE liner intended for the rehabilitation of gravity flow and nonpressure pipelines. This application is for municipal sewage, storm water, industrial process liquids and effluents, conduit, and ducts. This renewal process involves installing a deformed liner into an existing pipeline, conduit, or duct, then reforming the liner with heat and pressure to fit tightly to the bore of the original pipeline, conduit, or duct.

http://compass.astm.org/EDIT/html_annot.cgi?F1533+01(2009)

BSR/ASTM F1545-201x, Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers factory-made plastic-lined ferrous metal pipe, fittings, and flanges intended primarily for conveying corrosive fluids. Requirements for materials, workmanship, dimensions, design, fabrication, working pressure and temperatures, test methods, qualification requirements, and markings are included.

http://compass.astm.org/EDIT/html_annot.cgi?F1545+15a

BSR/ASTM F1563-201x, Specification for Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the physical requirements for tools used to squeeze-off polyethylene (PE) pipe and tubing. It is limited to squeeze-off procedures set forth by the pipe manufacturer as referred to in Specification D2513 for gas-pressure pipe systems.

http://compass.astm.org/EDIT/html_annot.cgi?F1563+01(2011)

BSR/ASTM F1674-201x, Test Method for Joint Restraint Products for Use with PVC Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This test method describes a procedure for qualifying the performance of joint restraint products for use on PVC pressure pipe systems by evaluating the effect of the joint restraint product on the performance characteristics of PVC pipe during cyclic pressure tests and static pressure tests.

http://compass.astm.org/EDIT/html_annot.cgi?F1674+11

BSR/ASTM F1733-201x, Specification for Butt Heat Fusion Polyamide (PA) Plastic Fitting for Polyamide (PA) Plastic Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyamide (PA) butt fusion fittings for use with polyamide pipe (IPS and ISO) and tubing (CTS). Included are requirements for materials, workmanship, dimensions, marking, sustained pressure, and burst pressure.

http://compass.astm.org/EDIT/html_annot.cgi?F1733+13

BSR/ASTM F1734-201x, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice covers qualifying a combination of a squeeze tool, a polyethylene gas pipe, and a squeeze-off procedure to avoid long-term damage in polyethylene gas pipe. Qualifying is conducted by examining the inside and outside surfaces of pipe specimens at and near the squeeze to determine the existence of features indicative of long-term damage.

http://compass.astm.org/EDIT/html_annot.cgi?F1734+03(2009)

BSR/ASTM F1759-201x, Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice covers general and basic procedures related to the design of manholes and components manufactured from high-density polyethylene (HDPE) for use in subsurface applications and applies to personnel access structures. The practice covers the material, the structural design requirements of the manhole barrel (also called vertical riser or shaft), floor (bottom), and top, and joints between shaft sections.

http://compass.astm.org/EDIT/html_annot.cgi?F1759+97(2010)

BSR/ASTM F1760-201x, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification has been published in response to the special circumstance of regulatory requirements regarding federal procurement guidelines for plastic pipe having recycled content.

http://compass.astm.org/EDIT/html_annot.cgi?F1760+01(2011)

BSR/ASTM F1804-201x, Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice provides a means to determine an allowable tensile load (ATL) value for a polyethylene gas pipe that is to be installed underground using methods that pull the pipe into a trench (cut or plowed), bore hole, casing pipe, or the like.

http://compass.astm.org/EDIT/html_annot.cgi?F1804+08(2012)

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

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers metal insert fittings and copper crimp rings for use with cross-linked polyethylene (PEX) tubing in 3/8-, 1/2-, 5/8-, 3/4-, 1-, 1-1/4-, 1-1/2- , and 2-in. nominal diameters that meet the requirements for Specification F876 and for use with polyethylene of raised temperature (PE-RT) tubing in 3/8-, 1/2-, 5/8-, 3/4-, 1- and 1-1/4-in. nominal diameters that meet the requirements of Specifications F2623 and F2769.

http://compass.astm.org/EDIT/html_annot.cgi?F1807+15

BSR/ASTM F1865-201x, Specification for Mechanical Cold Expansion Insert Fitting with Compression Sleeve for Cross-Linked Polyethylene (PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers mechanical cold expansion insert fittings with compression sleeve suitable for use with cross-linked polyethylene PEX plastic tubing in 3/8, 1/2, 5/8, 3/4, and 1 in. and larger nominal diameters that meet the requirements of Specifications F876 and F877.

http://compass.astm.org/EDIT/html_annot.cgi?F1865+09

BSR/ASTM F1924-201x, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification describes requirements and test methods for the qualification of plastic-bodied mechanical fittings for use with outside-diameter-controlled polyethylene (PE) gas-distribution pipe, nominal 2-pipe size (IPS) and smaller, complying with Specification D2513. In addition, it specifies general requirements of the material from which these fittings are made.

http://compass.astm.org/EDIT/html_annot.cgi?F1924+12

BSR/ASTM F1948-201x, Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for the qualification of metallic mechanical fittings for use with outside-diameter-controlled thermoplastic gas distribution pipe and tubing as specified in Specification D2513.

http://compass.astm.org/EDIT/html_annot.cgi?F1948+15

BSR/ASTM F1960-201x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers cold expansion fittings and cross-linked (PEX) reinforcing rings for use with cross-linked polyethylene (PEX) plastic tubing in 3/8, 1/2, 5/8, 3/4, 1, 1-1/4 , 1-1/2, 2, 2-1/2, and 3 in. nominal diameters that meet the requirements of Specifications F876 and F877.

http://compass.astm.org/EDIT/html_annot.cgi?F1960+15

BSR/ASTM F1961-201x, Specification for Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Crosslinked Polyethylene (PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers metal mechanical cold flare compression fittings with integral disc spring suitable for use with cross-linked polyethelene (PEX) plastic tubing in 3/8, 1/2, 5/8, and 3/4 nominal diameters. that meets the requirements of Specifications F876 and F877.

http://compass.astm.org/EDIT/html_annot.cgi?F1961+09

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 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers fittings, appurtenances and valves which are to be used with pipe and tubing complying with Specifications D1785, D2241, D2846/D2846M, F441/F441M, or F442/F442M, or other piping as specified by the fittings manufacturer.

http://compass.astm.org/EDIT/html_annot.cgi?F1970+12e1

BSR/ASTM F1973-201x, Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for the qualification of factory-assembled anodeless risers and transition fittings, for use in polyethylene (PE), in sizes through NPS 8, and Polyamide 11 (PA11) and Polyamide 12 (PA12), in sizes through NPS 6, gas distribution systems.

http://compass.astm.org/EDIT/html_annot.cgi?F1973+13e1

BSR/ASTM F1974-201x, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers metal insert fittings with split ring and compression nut (compression joint) and metal insert fittings with copper crimp rings (crimp joint) for four sizes of composite pressure pipe.

http://compass.astm.org/EDIT/html_annot.cgi?F1974+09(2015)

BSR/ASTM F1986-201x, Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for multilayer pipe type 2 and compression fittings for hot- and cold-drinking-water systems, with a maximum pressure rating of 1000 kPa (145 psi) at 82° C (180°F).

http://compass.astm.org/EDIT/html_annot.cgi?F1986+01(2011)

BSR/ASTM F1987-201x, Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hydronic Heating Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for multilayer pipe type 2 and compression fittings for hydronic heating systems, with a maximum pressure/temperature range of 1000 kPa (145 psi), at 82°C (180°F).

http://compass.astm.org/EDIT/html_annot.cgi?F1987+01(2011)

BSR/ASTM F2080-201x, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers cold-expansion fittings using metal compression-sleeves for use with crosslinked polyethylene (PEX) plastic pipe in accordance with Specification F876 in 3/8-in., 1/2-in., 5/8-in., 3/4-in., 1-in., 1-1/4-in., 1-1/2-in., and 2-in. nominal diameters, whereby the PEX pipe is cold-expanded before fitting assembly.

http://compass.astm.org/EDIT/html_annot.cgi?F2080+15a

BSR/ASTM F2098-201x, Specification for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers stainless steel clamps for use with five sizes of insert fittings that comply with F1807 or F2159, and cross-linked polyethylene (PEX) plastic tubing that complies with F876.

http://compass.astm.org/EDIT/html_annot.cgi?F2098+15

BSR/ASTM F2138-201x, Specification for Excess Flow Valves for Natural Gas Service (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for excess flow valves for use in thermoplastic natural gas piping systems.

http://compass.astm.org/EDIT/html_annot.cgi?F2138+12

BSR/ASTM F2145-201x, Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification describes requirements and test methods for the qualification of Polyamide 11 (PA 11) bodied mechanical fittings for use with outside diameter controlled Polyamide 11 (PA 11), nominal 2 pipe size (IPS), and smaller complying with Specification D2513.

http://compass.astm.org/EDIT/html_annot.cgi?F2145+13

BSR/ASTM F2159-201x, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for sulfone plastic insert fittings and copper crimp rings for four sizes (3/8, 1/2, 3/4, and 1) of cross-linked polyethylene (PEX) tubing that meet the requirements for Specification F876 and polyethylene of raised temperature (PE-RT) tubing that meet the requirements of Specifications F2623 and F2769.

http://compass.astm.org/EDIT/html_annot.cgi?F2159+14

BSR/ASTM F2160-201x, Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers material, dimensional, workmanship, and performance requirements for polyethylene conduit, duct and innerduct manufactured for use in a non-pressure application with communication, CATV, or power wire and cables.

http://compass.astm.org/EDIT/html_annot.cgi?F2160+10

BSR/ASTM F2165-201x, Specification for Flexible Pre-Insulated Piping (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers flexible, pre-insulated piping commonly used to convey hot and cold fluids. This specification establishes materials and performance requirements for flexible, pre-insulated piping intended for hot- and chilled-water applications.

http://compass.astm.org/EDIT/html_annot.cgi?F2165+13

BSR/ASTM F2176-2002 (R201x), Standard Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct (reaffirmation of ANSI/ASTM F2176-2002 (R2009))

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for material, performance, workmanship and test methods for the qualification of 2 in. and smaller mechanical couplings that connect to DR 15.5 and lower polyethylene conduit, duct and innerduct covered by Specification F2160.

http://compass.astm.org/EDIT/html_annot.cgi?F2176+02(2009)

BSR/ASTM F2206-201x, Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for fabricated fittings intended for use with outside-diameter-controlled polyethylene pipe and tubing.

http://compass.astm.org/EDIT/html_annot.cgi?F2206+14

BSR/ASTM F2207-201x, Specification for Cured-in-Place Pipe Lining System for Rehabilitation of Metallic Gas Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and method of testing for materials, dimensions, hydrostatic burst strength, chemical resistance, adhesion strength and tensile strength properties for cured-in-place (CIP) pipe liners installed into existing metallic gas pipes, 3/4 to 48 in. nominal pipe size, for renewal purposes.

http://compass.astm.org/EDIT/html_annot.cgi?F2207+06(2013)

BSR/ASTM F2262-201x, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled SDR9 (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers establishes requirements for coextruded crosslinked polyethylene multi-layer pressure tubing with a continuously welded aluminum tube construction between inner and outer layers of plastic. The inner and outer crosslinked polyethylene layers are bonded to the aluminum by a melt adhesive. The tubing is outside-diameter-controlled and made in one standard dimension ratio, SDR9 and is intended to be used for hot- and cold-water conveyance in applications up to 180°F (82.2°C).

http://compass.astm.org/EDIT/html_annot.cgi?F2262+09

BSR/ASTM F2434-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers metal insert fittings with o-ring seals and copper crimp rings for use with Cross-Linked Polyethylene (PEX) and Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) tubing in 1/2- , 3/4-, 1-, and 1-1/4-in. nominal diameters that meet the requirements for Specifications F876 and F2262..

http://compass.astm.org/EDIT/html_annot.cgi?F2434+14

BSR/ASTM F2435-201x, Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, elongation, impact resistance, pipe stiffness, perforations, and markings for steel-reinforced corrugated polyethylene (PE) piping systems of nominal sizes 8 in. (200 mm), through 80 in. (2000 mm). The steel-reinforced polyethylene pipes governed by this standard are intended for use in underground applications where soil provides support for their flexible walls.

http://compass.astm.org/EDIT/html_annot.cgi?F2435+15

BSR/ASTM F2487-201x, Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene and Polypropylene Pipelines (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice covers procedures for testing installed non-perforated, gasketed corrugated high-density polyethylene (HDPE) and corrugated polypropylene (PP) pipelines using either water infiltration or exfiltration acceptance limits to demonstrate the integrity via the level of leakage of the installed materials, construction procedures, and installation quality via the level of leakage.

http://compass.astm.org/EDIT/html_annot.cgi?F2487+13

BSR/ASTM F2509-201x, Specification for Field-assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide-11 (PA11) Gas Distribution Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for field-assembled anodeless riser kits for use with outside-diameter-controlled polyethylene and PA11 gas distribution pipe and tubing in sizes through 2 IPS as specified in Specification D2513 for polyethylene and Specification F2945 for PA11.

http://compass.astm.org/EDIT/html_annot.cgi?F2509+15

BSR/ASTM F2510/F2510M-201x, Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated High Density Polyethylene Drainage Pipes (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the design, material, and minimum performance requirements of resilient connectors used for connections between reinforced concrete structures conforming to Specifications C478 and C913 to annular corrugated profile-wall high-density polyethylene (HDPE) drainage pipe conforming to AASHTO M252 or Specification F2306/F2306M.

http://compass.astm.org/EDIT/html_annot.cgi?F2510+07(2013)

BSR/ASTM F2536-201x, Guide for Installing Plastic DWV Piping Suspended from On-Grade Slabs (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This guide provides procedures for the installation of DWV piping in buildings that are built where soil conditions require the use of pier- or piling-supported-grade beam construction or in filled ground where the soil compaction is less than 95%. These procedures are intended to ensure that the DWV piping suspended from the on-grade concrete slabs is not damaged or destroyed by movement of the soil or fill under the slab after the building is completed and occupied.

http://compass.astm.org/EDIT/html_annot.cgi?F2536+06b(2011)

BSR/ASTM F2562/F2562M-201x, Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, impact resistance, pipe stiffness, flattening, buckling, tensile strength of seam, joint systems, perforations, and markings for steel-reinforced thermoplastic pipe and fittings of nominal sizes 8 in. [200 mm] through 120 in. [3000 mm]. The steel-reinforced, spirally formed thermoplastic pipes governed by this standard are intended for use in underground applications where soil provides support for their fl

http://compass.astm.org/EDIT/html_annot.cgi?F2562+15

BSR/ASTM F2600-201x, Specification for Electrofusion Type Polyamide-11 Fittings for Outside Diameter Controlled Polyamide-11 Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyamide-11 electrofusion fittings for use with outside diameter-controlled polyamide-11 pipe, covered by Specification D2513. Requirements for materials, workmanship, and testing performance are included. Where applicable in this specification “pipe” shall mean “pipe” or “tubing.”

http://compass.astm.org/EDIT/html_annot.cgi?F2600+09(2013)

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

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes procedures for making joints with polyethylene (PE) pipe and fittings by means of heat fusion joining in, but not limited to, a field environment. Other suitable heat fusion joining procedures are available from various sources including pipe and fitting manufacturers.

http://compass.astm.org/EDIT/html_annot.cgi?F2620+13

BSR/ASTM F2623-201x, Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for polyethylene of raised temperature (PE-RT) SDR 9 tubing that is outside-diameter-controlled and pressure-rated for water at 73°F (23° C), 140°F (60°C), and 180°F (82.2°C). Included are requirements for material, workmanship, dimensions and tolerances, product tests, and markings for PE-RT tubing.

http://compass.astm.org/EDIT/html_annot.cgi?F2623+14

BSR/ASTM F2649-201x, Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers material, design, structural performance, and manufacturing practice requirements for monolithic or sectional corrugated polyethylene grease interceptor tanks with volumes equal to or greater than 333 gal (1,260 L).

http://compass.astm.org/EDIT/html_annot.cgi?F2649+14

BSR/ASTM F2720/F2720M-201x, Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, joining systems, and marking for large diameter, 12 in. [300 mm] and larger, inside diameter controlled glass fiber reinforced polyethylene (PE-GF) spiral wound pipe with electrofusion joints. The piping is intended for new construction and renewal of existing piping systems used for the transport of water, slurries, municipal sewage, domestic sewage, effluents, etc., in pressure systems.

http://compass.astm.org/EDIT/html_annot.cgi?F2720+09

BSR/ASTM F2735-201x, Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for sulfone plastic insert fittings and copper crimp rings for three sizes (1/2 , 3/4 , and 1) of cross-linked polyethylene (PEX) and polyethylene of raised temperature (PE-RT) plastic tubing.

http://compass.astm.org/EDIT/html_annot.cgi?F2735+09

BSR/ASTM F2736-201x, Specification for 6 to 30 in. (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, elongation, brittleness, pipe stiffness, and markings for single-wall corrugated polypropylene (PP) pipe and double-wall corrugated polypropylene (PP) pipe. It covers nominal sizes 6 in. through 30 in. (152 mm through 762 mm).

http://compass.astm.org/EDIT/html_annot.cgi?F2736+13e1

BSR/ASTM F2737-201x, Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers materials, structural design, physical dimensions, and manufacturing requirements for monolithic or sectional corrugated high-density polyethylene (HDPE) water quality units with volumes greater than or equal to 86 ft3 or 640 gal (2,400 L).

http://compass.astm.org/EDIT/html_annot.cgi?F2737+11

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

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers polyamide-12 electrofusion fittings for use with outside diameter-controlled polyamide-12 pipe, covered by Specification F2785. Requirements for materials, workmanship, and testing performance are included. Where applicable in this specification “pipe” shall mean “pipe” or “tubing.”

http://compass.astm.org/EDIT/html_annot.cgi?F2767+12

BSR/ASTM F2768-201x, Specification for Modified Stub ACME Thread Joint with Elastomeric Seal in Plastic Piping Components (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers a Modified Stub ACME Thread Joint with an Elastomeric Seal used to seal the joint components in plastic piping components, or (if applicable) to components made of other non-plastic materials used for plastic piping components used in turf irrigation systems.

http://compass.astm.org/EDIT/html_annot.cgi?F2768+09

BSR/ASTM F2769-201x, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification establishes requirements for polyethylene of raised temperature (PE-RT) plastic hot- and cold-water tubing and distribution systems components made in one standard dimension ratio and intended for 100 psig (6.9 bar) water service up to and including a maximum working temperature of 180°F (82°C). Components are comprised of tubing, fittings, valves, and manifolds. Tubing may incorporate an optional polymeric inner, middle, or outer layer.

http://compass.astm.org/EDIT/html_annot.cgi?F2769+14

BSR/ASTM F2785-201x, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for the characterization of polyamide 12 pipe, tubing, and fittings for use in fuel gas mains and services for direct burial and reliner applications. The pipe and fittings covered by this specification are intended for use in the distribution of natural gas.

http://compass.astm.org/EDIT/html_annot.cgi?F2785+12

BSR/ASTM F2788/F2788M-201x, Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers crosslinked polyethylene (PEX) pipe that is outside diameter controlled in metric pipe sizes 16 mm to 100 mm and inch pipe sizes 3 in. to 54 in., made in nominal pipe dimension ratios, and pressure rated for water at three temperatures.

http://compass.astm.org/EDIT/html_annot.cgi?F2788+15

BSR/ASTM F2807-201x, Specification for Multilayer Polyethylene-Polyamide (PE-PA) Pipe for Pressure Piping Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for 1/2 in. through 14 in. multilayer polyethylene-polyamide (PE-PA) pipe, which is a two-layer pipe (PE pipe layer bonded to an inner layer of PA). The multilayer pipe covered by this specification is intended for use in piping applications where the permeation and chemical resistance of polyamide (PA) compounds may be useful to protect the PE pipe layer, such as oil- and gas-producing applications that convey oil, dry or wet gas, and multiphase

http://compass.astm.org/EDIT/html_annot.cgi?F2807+13

BSR/ASTM F2817-201x, Specification for Poly(Vinyl Chloride) (PVC) Gas Pressure Pipe and Fittings for Maintenance or Repair (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements for PVC pipe and tubing for use only to maintain or repair existing PVC gas piping. This specification covers requirements for fittings for use to maintain or repair existing PVC gas piping.

http://compass.astm.org/EDIT/html_annot.cgi?F2817+13

BSR/ASTM F2818-201x, Specification for Specification for Crosslinked Polyethylene (PEX) Material Gas Pressure Pipe and Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for material dimensions and tolerances, hydrostatic burst strength, chemical resistance, and impact resistance of PEX pipe and tubing for use in fuel gas mains and services for direct burial applications.

http://compass.astm.org/EDIT/html_annot.cgi?F2818+10(2014)e1

BSR/ASTM F2829/F2829M-201x, Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers performance requirements, test methods, and marking requirements for metric- and inch-sized system components (electrofusion and mechanical fittings) when joined with metric- or inch-sized PEX pipe (Specification F2788) as a system, intended for use up to and including a maximum working temperature of 200°F [93°C].

http://compass.astm.org/EDIT/html_annot.cgi?F2829+15

BSR/ASTM F2830-201x, Specification for Manufacture and Joining of Polyethylene (PE) Gas Pressure Pipe with a Peelable Polypropylene (PP) Outer Layer (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This standard specification covers manufacturing and joining requirements for peelable (skinned) polyethylene (PE) pipe, which is PE pipe meeting the requirements of Specification D2513, with a peelable outer layer of polypropylene (PP). These requirements are in addition to those in Specification D2513 for the PE pipe.

http://compass.astm.org/EDIT/html_annot.cgi?F2830+11

BSR/ASTM F2854-201x, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers crosslinked polyethylene (PEX) push-fit mechanical fittings for use with crosslinked polyethylene (PEX) tubing in 1/2 , 3/4 , 1, and 1 1/4 in. nominal diameters that meet the requirements of Specification F876.

http://compass.astm.org/EDIT/html_annot.cgi?F2854+10

BSR/ASTM F2880-201x, Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in. (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the polyethylene material and dimensions applicable to flange adapters (FAs) used to connect polyethylene pipes to other flanged pipe and components such as valves and flanged fittings.

http://compass.astm.org/EDIT/html_annot.cgi?F2880+14

BSR/ASTM F2896-201x, Specification for Reinforced Polyethylene Composite Pipe for the Transport of Oil and Gas and Hazardous Liquids (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, and markings for on-site manufactured multilayer reinforced polyethylene composite pipe. It covers nominal sizes 6 in. through 36 in. (150 mm through 915 mm).

http://compass.astm.org/EDIT/html_annot.cgi?F2896+11

BSR/ASTM F2897-201x, Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification defines requirements for the data used in the tracking and traceability base-62 encoding system and the format of the resultant code to characterize various components used in fuel gas piping systems.

http://compass.astm.org/EDIT/html_annot.cgi?F2897+15a

BSR/ASTM F2945-201x, Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for the characterization of polyamide 11 pipe, tubing, and fittings for use in fuel gas pipelines. The pipe and fittings covered by this specification are intended for use in the distribution and transmission of fuel gases.

http://compass.astm.org/EDIT/html_annot.cgi?F2945+15

BSR/ASTM F2946-201x, Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the minimum performance and material requirements for a three-piece tee connector for connection between plastic pipe and in situ pipes, manholes and wastewater structures in sanitary and storm sewer applications.

http://compass.astm.org/EDIT/html_annot.cgi?F2946+12

BSR/ASTM F2968-201x, Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints for Gas Distribution Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers outside-diameter-controlled, black metric-sized, and IPS-sized crosslinked polyethylene (PEX) pipe, fittings and joints, made in pipe dimension ratios ranging from 6 to 17, and pressure rated for gas distribution.

http://compass.astm.org/EDIT/html_annot.cgi?F2968+14a

BSR/ASTM F2987-201x, Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, workmanship, dimensions, perforations, pipe stiffness, elongation, joint separation resistance, quality of extruded polyethylene, brittleness, testing, and marking of corrugated polyethylene (PE) pipe and fittings for mine heap leach pile aeration. It covers the nominal sizes 100 mm (4 inch), 150 mm (6 inch), 200 mm (8 inch), 250 mm (10 inch) 300 mm (12 inch), 375 mm (15 inch), and 450 mm (18 inch) diameter.

http://compass.astm.org/EDIT/html_annot.cgi?F2987+12

BSR/ASTM F3034-201x, Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers billets made from stress-rated high-density polyethylene (HDPE) materials. The billets are manufactured by application of molten extruded material onto a rotating mandrel to form a monolithic mass. Removal of the mandrel provides a billet in the approximate shape of a thick-walled cylindrical shell. Machining prior to dimensioning is acceptable.

http://compass.astm.org/EDIT/html_annot.cgi?F3034+15

BSR/ASTM F3123-201x, Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DR-PN) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers metric outside diameter polyethylene (PE) pipe made from polyethylene compound that qualifies for MRS, HDB, and HDS ratings and for PE100 and PE4710 designations. Included are requirements for polyethylene compound, workmanship, dimensions, short-term stress and ductility, long-term stress, marking, quality assurance, and verification of joining.

http://compass.astm.org/EDIT/html_annot.cgi?F3123+15a

BSR/ASTM F3124-201x, Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping Systems or Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice specifies the data recording information that is recorded when data recording equipment is used, on butt fusion joints in a plastic piping system in order to compare the procedure used in making the joint to the heat butt fusion joining procedure specified.

http://compass.astm.org/EDIT/html_annot.cgi?F3124+15e1

BSR/ASTM F3128-201x, Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers coextruded poly(vinyl chloride) (PVC) plastic drain, waste, and vent pipe made to Schedule 40 iron pipe sizes (IPS) and produced by the coextrusion process with concentric inner and outer solid PVC layers and the core consisting of closed-cell cellular PVC. Plastic which does not meet the material requirements specified in Section 5 is excluded from single layer and all coextruded layers.

http://compass.astm.org/EDIT/html_annot.cgi?F3128+15

BSR/ASTM F3190-201x, Practice for Heat Fusion Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This practice describes criteria for the training, assessment, and qualification of heat fusion equipment (HFE) operators in, but not limited to, a field environment in order to establish and maintain competency in the joining of Polyethylene (PE) and Polyamide (PA) piping systems.

This “HFE” operator training and qualification is applicable to heat fusion joining of PE pipe and fittings to other PE pipe and fittings of related polymer chemistry specified in the heat fusion procedures or standards used.

BSR/ASTM WK25400-201x, Specification for New Standard for Acrylonitrile-Butadiene-Sterine(ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core, the Core Containing Post Consumer Recycled ABS Plastics (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers coextruded acrylonitrile-butadiene-styrene (ABS) plastic drain, waste, and vent pipe made to Schedule 40 iron pipe sizes (IPS) and produced by the coextrusion process with concentric inner and outer solid ABS layers and the core consisting of closed-cell cellular ABS.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK25400.htm

BSR/ASTM WK32336-201x, New Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sanitary and Storm Drainage Sewer Basins and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This proposed specification covers requirements and test methods for fabricated or molded poly(vinyl chloride) (PVC) gasketed sanitary and storm drainage sewer basins and fittings to be used with piping materials.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK32336.htm

BSR/ASTM WK32617-201x, New Specification for Black, Metric-Sized Crosslinked Polyethylene (PEX) Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers black, metric-sized crosslinked polyethylene (PEX) pipe with pipe material designation codes of PEX 80, PEX 100, and PEX 125 that is outside-diameter controlled in pipe sizes ranging from 16 to 1000 mm, made in pipe dimension ratios ranging from 6 to 17, and pressure rated for water using the ISO MRS method (see Appendix X1).

http://www.astm.org/DATABASE.CART/WORKITEMS/WK32617.htm

BSR/ASTM WK35775-201x, New Specification for End Caps for Polyethylene Pressure pipe in Nominal Pipe Sizes (NPS) 2-inch to 54-inch (63mm to 1372mm) (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the polyethylene material, the dimensions for flat end-caps, and tori-spherical end caps in NPS 2-in to 54-in polyethylene pipe, and the design equations used for the determination of pressure rating of end caps.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK35775.htm

BSR/ASTM WK35779-201x, New Specification for Pipe WYES Fabricated by Heat-Fusion Joining Mitered Polyethylene Pressure Pipe Segments of Nominal Pipe Sizes (NPS) 2-inch to 65-inch, using Flat Heater Plates. (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers the polyethylene pipe grade material. dimensions, and design equations for the pressure rating applicable to the complex geometry of 45-degree and 60-degree lateral, equal outlet diameter WYES, based on the stress and strain limits of the WYE configuration.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK35779.htm

BSR/ASTM WK38917-201x, New Specification for Braided Aramid Reinforced Thermoplastic Pipe and Connections (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: Develop a new standard for braided aramid fiber reinforced thermoplastic pipe and connections for use in the oil and gas industry to transport typical oilfield crude fluids.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK38917.htm

BSR/ASTM WK39660-201x, New Practice for Procedures to Prevent Contamination in Plastic Gas Pipe and Fittings (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: Plastic gas pipe and fittings. Improve quality of plastic gas piping products.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK39660.htm

BSR/ASTM WK40127-201x, New Specification for Steel-Reinforced Spirally Wound Polyvinyl Chloride (PVC) Pipes and Fittings for Nonpressure Drainage, Rainwater, Sewerage, and Industrial Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for materials, dimensions, workmanship, vicat softening temperature, impact resistance, pipe stiffness, pipe flattening, perforations, and markings for spirally wound steel-reinforced poly(vinyl chloride) (PVC) pipe and fittings of nominal sizes 150 through 3600 mm.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK40127.htm

BSR/ASTM WK43489-201x, New Specification for Oriented Polyethylene (PE) Reinforced Thermoplastic Pipe (RTP) for Pressure Applications (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for oriented polyethylene (PE) reinforced thermoplastic pipe (RTP) for transport of pressurized liquids and gases.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK43489.htm

BSR/ASTM WK44130-201x, New Specification for Solid Wall Poly (Vinyl Chloride) (PVC) Fittings for Profile Wall Thermoplastic Pipe (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: Develop a specification for solid-wall PVC fittings that permit the watertight connection of adjoining sections of profile-wall thermoplastic pipe.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK44130.htm

BSR/ASTM WK45022-201x, New Specification for Factory Assembled Transition Fittings in Polyamide 66 (PA66) Gas Systems (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements and test methods for the qualification of factory-assembled transition fittings, for use in polyamide 66 (PA66) gas systems, in sizes NPS 1/2 through NPS 8.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK45022.htm

BSR/ASTM WK50090-201x, Specification for Cross-Linked Polyethylene (PEX) for Hot- and Cold-Water Hydronic Tubing Distribution Systems with Oxygen Barrier (new standard)

Stakeholders: Plastic Piping Systems industry.

Project Need: This specification covers requirements, test methods, and marking requirements for cross-linked polyethylene (PEX) tubing with a polymeric oxygen barrier layer made in one standard dimension ratio (SDR 9) and distribution system components intended for hydronic heating and cooling applications up to and including a maximum working temperature of 200F (93C). Components are comprised of tubing, fittings, valves, and manifolds.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK50090.htm

HL7 (Health Level Seven)

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E-mail: Karenvan@HL7.org

BSR/HL7 V3 DAM DIETORD, R2-201x, HL7 Version 3 Domain Analysis: Diet and Nutrition Orders, Release 2 (new standard)

Stakeholders: Healthcare institutions.

Project Need: This information is used by Food and Nutrition Service Management software systems to control and customize the foods that get offered and served to patients/residents as part of their plan of care.

These conceptual models are required to form the foundation for version 3 diet and nutritional supplement orders that are an important part of the medical nutrition therapy.

BSR/HL7 V3 REG RTLTM, R1-2011 (R201x), HL7 Version 3 Standard: Registries; Real-Time Location Tracking, Release 1 (reaffirmation of ANSI/HL7 V3 REG RTLTM, R1-2011)

Stakeholders: Hospital care.

Project Need: Standard has reached its 5-year anniversary.

A Real-Time Location System (RLTS) tracks the location of tags associated with patients, providers, and equipment within a healthcare facility. This document defines storyboards, trigger events, information models and interactions for exchanging information between RTLS and administrative systems that require real-time location information.

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

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Las Vegas, NV 89119

Contact: *Mili Washington*

Fax: (360) 693-4858

E-mail: mili@iicrc.org

BSR/IICRC S400-201X, Standard for Cleaning, Maintenance, and Restoration of the Commercial Built Environment (new standard)

Stakeholders: Manufacturers of cleaning-related products; distributors of commercial cleaning goods, equipment and consumables; building service contractors; in-house or captive cleaning providers; managers and administrators of commercial facilities; manufacturers of goods and materials for the commercial built environment; specification writers; design engineers; building engineers; architects; consultants; inspectors; health professionals.

Project Need: The commercial cleaning industry does not currently have industry consensus standards on the proper principles, methods, and processes to generally clean and maintain the built environment. The information that does exist is fragmented along product types or categories and much of it is influenced by parochial interests of manufacturers and other bodies. Having an ANS for commercial cleaning principles, methods, and processes would provide guidance and a singular platform for the industry.

This standard will focus on the commercial-built environment and defines tasks, frequencies, production expectations, goals, results, principles, methods, and processes to clean, maintain, and restore the built environment. We define the built environment as materials, building assemblies, structures, furniture, fixtures, and equipment located inside a building envelope.

LIA (ASC Z136) (Laser Institute of America)

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Orlando, FL 32826

Contact: *Barbara Sams*

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E-mail: bsams@lia.org

BSR Z136.2-201x, Standard for Safe Use of Optical Fiber and Free-Space Telecommunication Systems Utilizing Laser and LED Sources (revision of ANSI Z136.2-2012)

Stakeholders: Stakeholders include those utilizing end-to-end optical fiber and free-space optical telecommunications systems for information transport including public utilities and service providers, e. g., internet, networking, data, wireless, landline, etc.

Project Need: This project updates ANSI Z136.2-2012 to reflect changes in the accessible emission limits and maximum permissible exposure values found in the ANSI Z136.1-2014. The project will provide a source for guidance and detailed safety information for the operation and maintenance of telecommunications systems where optical energy may be accessible and where source parameters are uncertain or not under the control the user.

This standard provides guidance for the safe use, maintenance, service, and installation of optical communications systems (OCS) utilizing laser diodes or light emitting diodes (LED) operating at wavelengths between 0.6 micrometers and 1 mm and not intended for visual communications. Optical communication systems include end-to-end optical fiber based links (optical fiber communications systems - OFCS), fixed terrestrial point-to-point free-space links (free-space optical communications systems - FSOCS), or a combination of both.

MSS (Manufacturers Standardization Society)

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Vienna, VA 22180-4602

Contact: *Robert O'Neill*

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-96-201x, Terminology for Valves, Fittings, and Related Components (revision of ANSI/MSS SP-96-2011)

Stakeholders: Paper, food, chemical, petrochemical, nuclear power, hydroelectric, water, wastewater, fossil fuel power.

Project Need: MSS SP-96 is a unique and important ANS on the subject of terminology for valves and fittings. It is the only comprehensive ANS for valves/fittings specifically. Industry will continue to benefit from having MSS SP-96 as an ANS, with a common list of preferred terms/definitions, to improve communication and further promote standardization. This revised edition includes many additional terms important to the industry.

The SP-96 standard lists and defines principle terms, acronyms, and abbreviations that are widely used to describe valves, fittings, and related components. It is comprised of separate sections which contain (1) Acronyms for organizations whose documents are applicable to valves, fittings, and related components, and a brief summary of the applicable area of interest; (2) A glossary of terms used within the valve and fittings industry, including standards developers, to describe design, operation, and performance characteristics; and (3) Abbreviations commonly used in the valve and fittings industry.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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* BSR C78.50-201X, Standard for Electric Lamps - Assigned LED Lamp Codes (revision of ANSI C78.50-2014)

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to revise the standard in order to add additional lamp data to the standard.

This standard provides physical and electrical characteristics of the group of integrally ballasted Solid State Lighting (SSL) lamps that have standardized characteristics. Lamps with clear, frosted, opaque, and lens end windows and with various reflector and/or emitting coatings are covered. Lamps covered in this standard contain LED based light sources.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 525 om-201x, Diffuse brightness of paper, paperboard and pulp (d/0) - ultraviolet level C (revision of ANSI/TAPPI T 525 om -2012)

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 it if needed to address new technology or correct errors.

This method is for the determination of the brightness of white, near-white, and naturally colored pulp, paper, and paperboard. Brightness is a commonly used industry term for the numerical value of the reflectance factor of a sample with respect to blue light of specific spectral and geometric characteristics. This method requires an instrument employing diffuse illumination and 0° viewing geometry.

BSR/TAPPI T 579 om-201x, Diffuse brightness of paper, paperboard and pulp (d/0) (ultraviolet level D65) (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 it if needed to address new technology or correct errors.

This method determines the brightness of white, near-white, and naturally colored pulp, paper, and paperboard. Brightness is a commonly used industry term for the numerical value of the reflectance factor of a sample with respect to blue light of specific spectral and geometric characteristics. This method requires an instrument employing diffuse illumination and 0° viewing geometry

UL (Underwriters Laboratories, Inc.)

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BSR/UL 4143-201x, Standard for Safety for the Lifetime Extension of Wind Turbines (new standard)

Stakeholders: Wind turbine manufacturers, component manufacturers, project developers, owners and operators, finance and insurance, academia, consultants, scientists, special experts, maintenance and operation, representatives of professional societies, representatives of trade associations, testing and standards organizations, and government.

Project Need: To obtain national recognition of a standard covering the lifetime extension of Wind Turbines.

Standard UL 4143 applies to the certification of the lifetime extension of the onshore wind turbines as defined in IEC 61400-22, also known as wind energy conversion systems, that have reached or are about to reach their designed for lifetime. Wind turbines considered for lifetime extension certification shall be evaluated with regard to structural integrity and safety of the wind turbine. The standard is not intended to give requirements for wind turbines installed offshore.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

ABYC
American Boat and Yacht Council

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ASA (ASC S12)
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Web: www.acousticalsociety.org

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

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Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

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ASSE (ASC A1264)
American Society of Safety Engineers

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ASSE (ASC Z88)
American Society of Safety Engineers

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Web: www.asse.org

ASSE (Safety)
American Society of Safety Engineers

520 N. Northwest Highway
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Web: www.asse.org

ASTM
ASTM International

100 Barr Harbor Drive
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AWS
American Welding Society

8669 NW 36 ST., #130
Miami, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CRRC
Cool Roof Rating Council

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Oakland, CA 94612
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Web: www.coolroofs.org

ECIA
Electronic Components Industry Association

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HL7
Health Level Seven

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IEEE
Institute of Electrical and Electronics Engineers

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IEEE (ASC N42)
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IICRC
the Institute of Inspection, Cleaning and Restoration Certification

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Web: www.thecleantrust.org

ISA (Organization)
International Society of Automation

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LIA (ASC Z136)
Laser Institute of America

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MSS
Manufacturers Standardization Society

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NECA
National Electrical Contractors Association

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NEMA (ASC C78)
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NEMA (ASC C8)
National Electrical Manufacturers Association

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NEMA (ASC C82)
National Electrical Manufacturers Association

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NSF
NSF International

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TAPPI
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UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

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UL
Underwriters Laboratories, Inc.

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IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

23E/945/CDV, IEC 62873-1 Ed.1: Outline of Blocks and Modules for Residual Current Devices standards, 07/22/2016

32C/519/CD, IEC 60127-8 Ed.1: Miniature fuses - Part 8: Fuse resistors with particular overcurrent protection, 07/22/2016

45A/1088/Q, Proposed technical corrigendum to the French version of IEC 62671 Ed. 1.0 (published in 2013-02), Nuclear power plants - Instrumentation and control important to safety - Selection and use of industrial digital devices of limited functionality, 07/22/2016

45A/1090/CD, IEC 60709 Ed.3: Nuclear power plants - Instrumentation, control and electrical systems important to safety - Separation, 07/22/2016

47F/242/CDV, IEC 62047-28 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 28: Performance testing method of vibration-driven MEMS electret energy harvesting devices, 07/22/2016

59K/278/CD, IEC 60350-2 Ed.2: Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance, 06/24/2016

65B/1036/CDV, IEC 61987-24-2 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 24-2: List of Properties (LOP) of valve/actuator accessories for electronic data exchange, 07/22/2016

65B/1037/CDV, IEC 61987-24-3 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 24-3: List of Properties (LOP) of flow modification accessories for electronic data exchange, 07/22/2016

77A/925/CDV, Amendment 1 to IEC 61000-4-11: Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests, 07/22/2016

86B/3988/CD, IEC 61300-3-7 Ed 3.0: fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - Wavelength dependence of attenuation and return loss of single mode components, 07/22/2016

120/73/CD, IEC/TS 62933-4 Ed.1: Electrical Energy Storage (EES) Systems - Guidance On Environmental Issues, 06/24/2016

2/1828/CD, IEC 60034-18-41 A1 Ed.1: Amendment 1 - Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in electrical rotating machines fed from voltage converters - Qualification and quality control tests, 06/24/2016

23/743/DTS, IEC/TS 62735-2 Ed.1: Direct current (D.C.) plugs and socket-outlets for information and communication technology (ict) equipment installed in data centres and telecom central offices - Part 2: Plug and socket-outlet system for 5,2 kW, 07/22/2016

27/973/CD, IEC/TS 62996 Ed.1: Industrial electroheating and electromagnetic processing equipment - Requirements on touch currents, voltages and electric fields from 1 kHz to 6 MHz, 07/22/2016

3/1259/CD, IEC 81346-2 Ed. 2.0: Industrial Systems, Installations and Equipment and Industrial Products - Structuring Principals and Reference Designations - Part 2: Classification of objects and codes for classes, 07/22/2016

79/543/CDV, IEC 62820-2 Ed.1: Building intercom systems - Part 2: Requirements for advanced security building intercom systems, 07/22/2016

86/492/CD, IEC 61315 Ed.3, Calibration of fibre-optic power meters, 07/22/2016

87/616/NP, Ultrasonics - Methods for the characterisation of the ultrasonic properties of materials., 07/22/2016

112/356/CDV, IEC 61857-31 Ed.1: Electrical insulation systems-procedures for thermal evaluation - Part 31: Applications with a designed life less than 5000 hours, 07/22/2016

112/360/CD, IEC 61857-33 Ed.1: Electrical insulation systems - Procedures for thermal evaluation - Part 33: Multifactor evaluation with increased factors at elevated temperature, 07/22/2016

112/361/CD, IEC 61857-32 Ed.1: Electrical insulation systems - Procedures for thermal evaluation - Part 32: Multifactor evaluation with increased factors during diagnostic testing, 07/22/2016

20/1639/CD, IEC 60811-501 AMD1: Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds, 07/22/2016

20/1640/CD, IEC 60331-1 Ed.2.0: Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm, 07/22/2016

20/1641/CD, IEC 60331-2 Ed.2.0: Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm, 07/22/2016

20/1642/CD, IEC 60331-3 Ed.2.0: Tests for electric cables under fire conditions - Circuit integrity - Part 3: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure, 07/22/2016

40/2463/FDIS, Amendment 1 - IEC 60384-14 Ed.4: Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, 06/10/2016

40/2464/FDIS, IEC 60384-3 Ed.4: Fixed capacitors for use in electronic equipment - Part 3: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with solid (MnO2) electrolyte, 06/10/2016

47/2301/NP, Future IEC 62779-4 Ed.1: Semiconductor devices - Semiconductor interface for human body communication- Part 4: Semiconductor interface for capsule endoscopy using human body communication, 07/22/2016

57/1719/DC, Proposed revision of IEC TR 61850-90-12, Edition 1, Communication networks and systems for power utility automation - Part 90-12: Wide area network engineering guidelines (2015-07), 06/10/2016

64/2108/CDV, IEC 60364-7-708: Low-voltage electrical installations - Part 7-708: Requirements for special installations or location - Caravan parks, camping parks and similar locations, 07/22/2016

64/2109/CDV, IEC 60364-7-721: Low-voltage electrical installations - Part 7-721: Requirements for special installations or location - Electrical installations in caravans and motor caravans, 07/22/2016

82/1114/FDIS, IEC 62788-1-5 Ed.1: Measurement procedures for materials used in photovoltaic modules - Part 1-5: Encapsulants - Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions, 06/10/2016

82/1117/DTS, IEC 61836 TS Ed.3: Solar photovoltaic energy systems - Terms, definitions and symbols, 07/22/2016

CIS/A/1163/CD, Amendment 3 to IEC CISPR 16-1-4 (f1): Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 07/22/2016

CIS/F/680/CD, Full revision (Ed. 9) of CISPR/F IEC 15: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, 08/19/2016

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 30125:2016, Information technology - Biometrics used with mobile devices, $173.00

ISO/IEC TR 29110-2-2:2016, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 2-2: Guide for the development of domain-specific profiles, $149.00

BUILDING CONSTRUCTION (TC 59)

ISO 29481-1:2016, Building information models - Information delivery manual - Part 1: Methodology and format, $173.00

CINEMATOGRAPHY (TC 36)

ISO 21727:2016, Cinematography - Method of measurement of perceived loudness of short duration motion-picture audio material, $51.00

DENTISTRY (TC 106)

ISO 2157:2016, Dentistry - Nominal diameters and designation code numbers for rotary instruments, $51.00

ISO 7787-1:2016, Dentistry - Laboratory cutters - Part 1: Steel laboratory cutters, $88.00

FINE CERAMICS (TC 206)

ISO 17562:2016, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for linear thermal expansion of monolithic ceramics by push-rod technique, $123.00

FOOTWEAR (TC 216)

ISO 10734:2016, Footwear - Test method for slide fasteners - Strength of slide fastener pullers, $51.00

ISO 10751:2016, Footwear - Test methods for slide fasteners - Resistance to repeated opening and closing, $51.00

ISO 10764:2016, Footwear - Test methods for slide fasteners - Lateral strength, $51.00

ISO 17694:2016, Footwear - Test methods for uppers and lining - Flex resistance, $51.00

ISO 17697:2016, Footwear - Test methods for uppers, lining and insocks - Seam strength, $88.00

ISO 17698:2016, Footwear - Test methods for uppers - Delamination resistance, $88.00

ISO 17701:2016, Footwear - Test methods for uppers, lining and insocks - Colour migration, $51.00

ISO 18403:2016, Footwear - Test methods for slide fasteners - Resistance to damage during closure under a lateral force, $51.00

ISO 22649:2016, Footwear - Test methods for insoles and insocks - Water absorption and desorption, $88.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 18620:2016, Graphic technology - Prepress data exchange - Tone adjustment curves exchange, $88.00

PAINTS AND VARNISHES (TC 35)

ISO 19399:2016, Paints and varnishes - Wedge-cut method for determination of film thickness (scribe and drill method), $173.00

PLASTICS (TC 61)

ISO 4892-1:2016, Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance, $149.00

STEEL (TC 17)

ISO 4955:2016, Heat-resistant steels, $200.00

ISO 17746:2016, Steel wire rope net panels and rolls - Definitions and specifications, $149.00

ISO Technical Reports

IRON ORES (TC 102)

ISO/TR 18231:2016, Iron ores - Wavelength dispersive X-ray fluorescence spectrometers - Determination of precision, $149.00

NANOTECHNOLOGIES (TC 229)

ISO/TR 19716:2016, Nanotechnologies - Characterization of cellulose nanocrystals, $200.00

ISO Technical Specifications

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/TS 19159-2:2016, Geographic information - Calibration and validation of remote sensing imagery sensors and data - Part 2: Lidar, $173.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 26551:2016, Software and systems engineering - Tools and methods for product line requirements engineering, $240.00

ISO/IEC 29177:2016, Information technology - Automatic identification and data capture technique - Identifier resolution protocol for multimedia information access triggered by tag-based identification, $88.00

ISO/IEC 23001-8:2016, Information technology - MPEG systems technologies - Part 8: Coding-independent code points, $200.00

ISO/IEC TS 24748-1:2016, Systems and software engineering - Life cycle management - Part 1: Guidelines for life cycle management, $240.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 62827-1 Ed. 1.0 b:2016, Wireless power transfer - Management - Part 1: Common components, $61.00

IEC 61966-2-4 Amd.1 Ed. 1.0 b:2016, Amendment 1 - Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video applications - xvYCC, $20.00

IEC 61966-2-4 Ed. 1.1 b:2016, Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video applications - xvYCC, $169.00

IEC 60728-101 Ed. 1.0 b:2016, Cable networks for television signals, sound signals and interactive services - Part 101: System performance of forward paths loaded with digital channels only, $375.00

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

IEC 62153-4-7 Ed. 2.0 b cor.1:2016, Corrigendum 1 - Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z_T and screening attenuation a_S or coupling attenuation a_C of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method, $0.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60539-1 Ed. 3.0 b:2016, Directly heated negative temperature coefficient thermistors - Part 1: Generic specification, $303.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-3 Ed. 3.1 b:2016, Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, $200.00

IEC 60601-2-3 Amd.1 Ed. 3.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, $17.00

IEC 60601-2-6 Ed. 2.1 b:2016, Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment, $200.00

IEC 60601-2-6 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment, $17.00

IEC 60601-2-10 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators, $200.00

IEC 60601-2-10 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators, $20.00

IEC 60601-2-19 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -19: Particular requirements for the basic safety and essential performance of infant incubators, $339.00

IEC 60601-2-19 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, $31.00

IEC 60601-2-20 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -20: Particular requirements for the basic safety and essential performance of infant transport incubators, $363.00

IEC 60601-2-20 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, $48.00

IEC 60601-2-21 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -21: Particular requirements for the basic safety and essential performance of infant radiant warmers, $339.00

IEC 60601-2-21 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers, $31.00

IEC 60601-2-50 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, $266.00

IEC 60601-2-50 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, $20.00

IEC 80601-2-35 Ed. 2.1 b:2016, Medical electrical equipment - Part 2 -35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use, $424.00

IEC 80601-2-35 Amd.1 Ed. 2.0 b:2016, Amendment 1 - Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads or mattresses and intended for heating in medical use, $24.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-6 Ed. 2.0 b:2016, Low voltage electrical installations - Part 6: Verification, $278.00

ELECTROSTATICS (TC 101)

IEC 61340-4-9 Ed. 2.0 b:2016, Electrostatics - Part 4-9: Standard test methods for specific applications - Garments, $157.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61515 Ed. 2.0 b:2016, Mineral insulated metal-sheathed thermocouple cables and thermocouples, $206.00

IEC 61987-14 Ed. 1.0 b:2016, Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 14: Lists of properties (LOP) for temperature measuring equipment for electronic data exchange, $182.00

INSTRUMENT TRANSFORMERS (TC 38)

IEC 61869-6 Ed. 1.0 en:2016, Instrument transformers - Part 6: Additional general requirements for low-power instrument transformers, $278.00

IEC 61869-9 Ed. 1.0 en:2016, Instrument transformers - Part 9: Digital interface for instrument transformers, $303.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60350-1 Ed. 2.0 b:2016, Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, $339.00

S+ IEC 60350-1 Ed. 2.0 en:2016 (Redline version), Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, $407.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-2 Amd.2 Ed. 6.0 b:2016, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances, $36.00

IEC 60335-2-2 Ed. 6.2 b:2016, Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances, $315.00

IEC 60335-2-40 Amd.1 Ed. 5.0 en:2016, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, $55.00

IEC 60335-2-40 Ed. 5.1 en:2016, Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, $484.00

IEC 60335-2-67 Ed. 4.1 b:2016, Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines, for commercial use, $363.00

IEC 60335-2-67 Amd.1 Ed. 4.0 b:2016, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines, for commercial use, $31.00

IEC 60335-2-68 Ed. 4.1 b:2016, Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, for commercial use, $339.00

IEC 60335-2-68 Amd.1 Ed. 4.0 b:2016, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, for commercial use, $31.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62779-3 Ed. 1.0 b:2016, Semiconductor devices - Semiconductor interface for human body communication - Part 3: Functional type and its operational conditions, $61.00

TOOLS FOR LIVE WORKING (TC 78)

IEC 60855-1 Ed. 2.0 b:2016, Live working - Insulating foam-filled tubes and solid rods - Part 1: Tubes and rods of a circular cross-section, $230.00

TRANSMITTING EQUIPMENT FOR RADIO COMMUNICATION (TC 103)

IEC 60215 Ed. 4.0 en:2016, Safety requirements for radio transmitting equipment - General requirements and terminology, $230.00

IEC Technical Reports

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC/TR 62366-2 Ed. 1.0 en:2016, Medical devices - Part 2: Guidance on the application of usability engineering to medical devices, $363.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC/TR 61000-4-1 Ed. 1.0 en:2016, Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series, $121.00

ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)

IEC/TR 62824 Ed. 1.0 en:2016, Guidance on material efficiency considerations in environmentally conscious design of electrical and electronic products, $61.00

FIBRE OPTICS (TC 86)

IEC/TR 61282-14 Ed. 1.0 en cor.1:2016, Corrigendum 1 - Fibre optic communication system design guides - Part 14: Determination of the uncertainties of attenuation measurements in fibre plants, $0.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 62453-41 Ed. 2.0 en:2016, Field device tool (FDT) interface specification - Part 41: Object model integration profile - Common object model, $411.00

IEC/TR 62453-42 Ed. 1.0 en:2016, Field device tool (FDT) interface specification - Part 42: Object model integration profile - Common Language Infrastructure, $411.00

IEC Technical Specifications

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC/TS 62715-5-2 Ed. 1.0 en:2016, Flexible display devices - Part 5-2: Measuring methods of optical characteristics from the vantage point for curved displays, $206.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Society of Plumbing Engineers (ASPE)

The reaccreditation of the American Society of Plumbing Engineers (ASPE), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on ASPE-sponsored American National Standards, effective May 4, 2016. For additional information, please contact: Ms. Gretchen Pienta, Director, Publications & Standards, American Society of Plumbing Engineers, 6400 Shafer Court, Suite 350, Rosemont, IL 60018; phone: 708.426.5427; e-mail: gpienta@aspe.org.

Reaccreditation

American Petroleum Institute (API)

Comment Deadline: June 6, 2016

The American Petroleum Institute (API), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited API Procedures for Standards Development for documenting consensus on API-sponsored American National Standards, under which it was last reaccredited in 2011. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Paula Watkins, Manager, Midstream Standards, American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005; phone: 202.682.8197; e-mail: watkinsp@api.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to API by June 6, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Application for Product Certification Accreditation Program

Certificadora Gallega del Noroeste, S.L. (CGN)

Comment Deadline: June 6, 2016

Applicant

Jaime Rodrigo Poch
Manager
Certificadora Gallega del Noroeste, S.L. (CGN)
Dr. Tourón, 44, oficina 2
C.P. 36.600 Vilagarcía de Arousa (Pontevedra)
E-mail: gerencia@ceganor.com
Web: http://www.ceganor.com/

Certification body has submitted formal application for accreditation by ANSI of the following certification program and scopes:

ISCC-EU

ISCC SYSTEM GMBH

Please send your comments by June 6, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 94/SC 4 – Personal equipment for protection against falls

ANSI has been informed that the American Society of Safety Engineers (ASSE), the ANSI-accredited U.S. TAG Administrator for ISO/TC 94/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 94/SC 4 operates under the following scope:

> Development of standards in the field of Personal equipment for protection against falls within the scope of ISO/TC 94:
>
> Standardization of the quality and performance of clothing and personal equipment designed to safeguard persons against hazards other than those concerned with nuclear radiation.

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

ISO Proposal for a New Fields of ISO Technical Activity

Blockchain and Electronic Distributed Ledger Technologies

Comment Deadline: Friday, June 3, 2016.

SA, the ISO member body for Standards Australia, has submitted to ISO a proposal for a new field of ISO technical activity on Blockchain and Electronic Distributed Ledger Technologies, with the following scope statement:

> Standardisation of blockchains and distributed ledger technologies to support interoperability and data interchange among users, applications and systems.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 3, 2016.

Pharmaceutical preparation machinery

Comment Deadline: Friday, June 24, 2016.

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Pharmaceutical preparation machinery, with the following scope statement:

Standardization of pharmaceutical preparation machinery, including terminology, classification, requirements and test methods.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 24, 2016.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO TC 281 – Fine Bubble Technology

Comment Deadline: June 6, 2016

ISSA – The Worldwide Cleaning Industry Association and its subsidiary, the American Association of Cleaning Equipment Manufacturers (AACEM), an ANSI member, has submitted an Application for Accreditation for a new U.S. Technical Advisory Group (TAG) to ISO TC 281, Fine bubble technology and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Bill Balek, Director of Legislative and Environmental Services, ISSA, 3300 Dundee Road, Northbrook, IL 60062; phone: (800) 225-4772; e-mail: bill@issa.com. Please forward any comments on this application to ISSA, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (fax: 212.840-2298; e-mail: jthompso@ansi.org) by June 6, 2016.

Meeting Notices

AHRI Meetings

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

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting at AHRI headquarters in Arlington, Va., on May 23-24 from 9 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at rmohan@ahrinet.org.

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

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on May 11 from 9 a.m. to 2 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at rmohan@ahrinet.org.

Development of AHRI Standard 1310P, Wind Load Design of HVACR Equipment for Unit Integrity

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on June 1 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

Revision of ANSI/AHRI Standard 575-2008, Method of Measuring Machinery Sound Within an Equipment Space

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 12 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

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

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 19 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

R15 Meeting (Robots and Robotic Devices)

Meeting #1 of ANSI R15.08, Subcommittee on Industrial Mobile Robot Safety

ANSI R15.08, Subcommittee on Industrial Mobile Robot Safety, will hold its first meeting of 2016 on Thursday, July 14, 2016, 8:30 AM to 5:00 PM EDT, and Friday, July 15, 2016, 8:30 AM to 12:00 Noon, EDT. The meeting will be held in Gaithersburg, MD.

The purpose of the meeting is as follows:

(1) Conduct Administrative business, launching this new subcommittee;

(2) Discuss and define recommended scope for the subcommittee's work; and

(3) Determine framework for deciding whether to recommend an all-new Standard (R15.08), or a revision to the existing Standard R15.06 (ANSI/RIA R15.06-2012)

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

Information Concerning

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Chain of Custody – Transparency and Traceability – Generic Requirements for Supply Chain Actors

Comment Deadline: June 24, 2016

NEN, the ISO member body for the Netherlands, has submitted to ISO a new work item proposal for the development of an ISO standard on Chain of Custody – Transparency and traceability – Generic requirements for supply chain actors, with the following scope statement:

> *The overall scope of work is standardization in the field of chain of custody (CoC) terminology and requirements for all products with specified characteristics. The objective is to increase transparency and facilitate market access, especially for smaller companies and developing countries.*
>
> *This standard differs from existing ISO initiatives by defining the requirements and traceability levels independently of sectors, raw materials, products, and issues addressed. It lays down a set of generic requirements to ensure that products with specified characteristics sold or shipped by a supply chain actor (SCA), can be physically and/or administratively connected to a corresponding amount of input material with the same specified characteristics. It does not intend to set requirements on the input or output material or limitations to specific product characteristics such as sustainability, safety or source. It does however provide guidance for describing characteristics.*
>
> *This International Standard is intended to increase transparency in value chains by specifying traceability requirements for the individual supply chain actors. This international standard can be used in all sectors and for all products with specific characteristics, which are transferred between two or more SCA's. Services are not included.*
>
> *This standard defines commonly used supply chain models, their traceability levels and their specific requirements regarding administration, physical handling activities, conversion rates, transactions and stock activities relating to the product et cetera. These fundamental concepts and principles of chain of custody management cover the whole supply chain and are universally applicable to the following stakeholders:*
>
> - *organizations seeking sustained success through the implementation of a chain of custody management system;*
> - *customers seeking confidence in an organization's ability to consistently provide products and services conforming to their requirements;*
> - *organizations seeking confidence in their supply chain that product and service requirements will be met;*
> - *organizations and interested parties seeking to improve communication through a common understanding of the vocabulary used by supply chain actors;*
> - *developers of related standards.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 24, 2016.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat
ISO/TC 213 – *Dimensional and Geometrical Product Specifications and Verification*
Comment Deadline: Friday, May 13, 2016

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Denmark (DS), the ISO delegated Secretariat of ISO/TC 213, wishes to relinquish the role of the Secretariat.

ISO/TC 213 operates under the following scope:

> *Standardization in the field of geometrical product specifications (GPS), i.e., macro- and microgeometry specifications covering dimensional and geometrical tolerancing, surface properties and the related verification principles, measuring equipment and calibration requirements including the uncertainty of dimensional and geometrical measurement. The standardization includes the basic layout and explanation of drawing indications (symbols).*
>
> *Excluded:*
>
> - *the definition of the specific proportions and dimensions of drawing indications (symbols) and their execution.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 213. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

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

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat ISO/IEC JTC 1/SC 22 – Programming Languages, Their Environments and System Software Interfaces

Currently, the U.S. holds a leadership position as secretariat of ISO/IEC JTC 1/SC 22 – *Programming languages, their environments and system software interfaces*. The InterNational Committee for Information Technology Standards (INCITS) Executive Board has advised ANSI to relinquish its role as secretariat for this committee.

ISO/IEC JTC 1/SC 22 operates under the following scope:

Development of standards in the field of Programming languages, their environments and system software interfaces] within the scope of ISO/IEC JTC 1:

> *Standardization in the field of information technology.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/IEC JTC 1/SC 22. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accepts to direct administration of an ISO secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant 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.

If no U.S. organization steps forward to assume the ISO/IEC JTC 1/SC 22 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

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

Information Concerning

International Electrotechnical Commission (IEC)

New Systems Committee (SyC) on Electrotechnical Aspects of Smart Cities

IEC has approved the proposal for a new Systems Committee (SyC) on Electrotechnical aspects of Smart Cities

Draft Scope: To foster the development of standards in the field of electrotechnology to help with the integration interoperability and effectiveness of city systems.

This will be done:

- by promoting the collaboration and systems thinking between IEC/TCs, the SyC and other SDOs in relation to city system standards;
- by undertaking systems analysis to understand the needs for standards and assess new work item proposals (NWIPs) related to city systems;
- by developing systems standards where needed and by providing recommendations to existing SyCs, TCs/SCs and other SDOs.

Overall common city goals include, for example, sustainable development, efficiency, resilience, safety and support for citizen's engagement and participation. However, an individual city will follow its own approach. "Cities" refers to any geographically located population.

The U S National Committee indicated that it agrees with the scope proposed for this new IEC SyC and that it wishes to register as a Participating Member and intends to actively participate. However, if the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned.

If any entities are interested in the position of TAG Administrator, they are invited to contact Tony Zertuche, USNC General Secretary at tzertuche@ansi.org.

BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 15-2013

Second ISC Public Review Draft

Proposed Addendum b to Standard 15-2013, Safety Standard for Refrigeration Systems

Second ISC Public Review (May 2016) (Draft shows Proposed Changes to Current Standard)

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

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

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

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

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2013, *Safety Standard for Refrigeration Systems*

Second ISC Public Review Draft

Addendum b to 15-2013

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

FOREWORD

During the first public review it was noted that several of the updated references had incorrect dates. This ISC updates and corrects those references in Appendix A (Informative References) and in Appendix B(Normative References).

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

INFORMATIVE APPENDIX A
INFORMATIVE REFERENCES

This appendix contains full citations for informative references only. Full citations for normative references are listed in Normative Appendix B. References in this standard are numbered in the order in which they appear in the document, so the numbers for the normative references are shown for the convenience of the user.

1. *IIAR Bulletin 114-~~1991~~2014, Guidelines for Identification of Ammonia Refrigeration Piping and System Components,*International Institute of Ammonia Refrigeration, 1001 N Fairfax St. Suite 503 Alexandria VA 22314
2. *IUPAC Technical Report Atomic Weights of the Elements ~~2011~~2013* International Union of Pure and Applied Chemistry, Research Triangle Park, NC 27709.

(This is a normative appendix and is part of this standard.)

NORMATIVE APPENDIX B
NORMATIVE REFERENCES

This appendix contains full citations for normative references. Full citations for references that are solely informative are included in Informative Appendix A .Note that in some locations within the standard, normative references are also used as informative references. References in this standard are numbered in the order in which they appear in the document, so the numbers for the informative references are shown for the convenience of the user.

1. *AHRI 700-~~2012~~* 2015, *Specifications for ~~Flourocarbon~~ Refrigerants* and *AHRI Standard 700c-2008, Appendix C to AHRI Standard 700—Analytical Procedures for AHRI Standard 700- ~~2011~~ 2014*,Air-Conditioning, Heating, and Refrigeration Institute, 2111 Wilson Blvd, Suite 500, Arlington, VA 22201-3001.
2. *UL ~~2011~~ Heating and Cooling Equipment*, Fifth Edition (July 31, 2015) Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook,IL 60062.
3. *ANSI/ASME Boiler and Pressure Vessel Code*, Section VIII, Rules for Construction of

Pressure Vessels, Division 1, ~~2013~~ 2015, American Society of Mechanical Engineers (ASME), 3 Park Avenue, New York, NY 10016-5990.
Note: Reference 6 is mandatory for designers, manufacturers, and producers of refrigeration equipment. For all other users, this reference is informative.

4. *ANSI/ASME A13.1-~~2007~~2015*, *Scheme for the Identification of Piping Systems*, American Society of Mechanical Engineers (ASME), 3 Park Avenue, New York, NY 10016-5990.

NSF/ANSI International Standard
for Food Equipment —

Manual food and beverage dispensing equipment

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5 Design and construction

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5.1.4 Food zones for which in-place cleaning is intended shall be designed and manufactured so that cleaning and sanitizing solutions may be circulated or passed throughout the fixed system. The design shall ensure that cleaning and sanitizing solutions contact all food contact surfaces. The system shall be self-draining or capable of being completely evacuated. Equipment and appurtenances designed for in-place cleaning shall have a section of the cleaned area accessible for inspection or shall provide for other acceptable inspection methods. The manufacturer shall provide written instructions for the cleaning and sanitizing of all food zone surfaces for which in-place cleaning is intended. The type and concentration of sanitizing agent recommended in the instructions by the manufacturer shall comply with 40 CFR, section 180.940.

NOTE – In-place cleaning procedures are not required for oil distribution systems that only circulate fresh, edible oil throughout the fixed system.

Rationale: To comply with the current requirement, a manufacturer of oil spraying equipment would need to introduce water, and cleaning/sanitizing chemicals into a fixed system. This would create conditions conducive to microbial proliferation. Vegetable oil is considered a low risk ingredient in terms of food safety, as it will not sustain microbial growth in the absence of water, protein, carbohydrates. The highly documented food safe method used in the food manufacturing industry is to purge oil only systems with oil only.

⋮

7 Product literature

7.1 The manufacturer of food and beverage dispensing equipment shall provide a manual that describes the recommended procedures for the operation, maintenance, cleaning, and sanitization of the equipment. The manual shall include the following statement:

> "Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes."

7.2 The manual for carbonators and beverage dispensers with internal carbonators shall provide instructions for the maintenance of any backflow prevention devices installed on the equipment.

7.3 Dispensing equipment designed to conform to 6.4 shall have a label affixed in a readily accessible location on the equipment that reads:

> "This equipment is specifically designed for use with an exclusive single use product and package container combination. The product package is single use and must be discarded once the change container dispensing lockout is activated. The use of a product and package container combination not recommended by the manufacturer may result in consumer illness."

The label shall also identify the single use product and package container combinations, including part number(s), for which the equipment is approved, or shall direct the operator to consult the manufacturer of the equipment for appropriate product and container combinations.

7.3.1 The change container dispensing lockout shall be highlighted in the equipment product literature shall contain the following statement:

> "Product package is single use and must be discarded and product not reused upon removal from the equipment."

7.4 The manufacturer of oil distribution systems that only circulate fresh, edible oil throughout the system shall provide a manual that describes the recommended procedures for the operation and maintenance of the equipment. The manual shall include the following statement:

> "Oil distribution systems shall only circulate fresh, edible oil throughout the fixed system"

***Rationale**: The literature requirements for oil dispensing equipment are from the literature requirements of other food and beverage dispensing equipment. Oil dispensing equipment is not intended to use water based cleaning methods. This section provides criteria specific to oil dispensing equipment.*

[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-

Drinking Water Treatment Units –
Emerging compounds/incidental contaminants

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7 Elective performance claims – test methods

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7.2 Chemical reduction claims

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7.2.1 Chemical reduction testing-active media

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7.2.1.3 ~~Servicing of components~~ Premature filter plugging

If a product prematurely plugs prior to the completion of the required test volume, the volume of the final sample point collected prior to plugging becomes the final test volume to determine capacity.

Applicable actions to remediate premature filter plugging for this test method are contained in annex D sections ~~I, II, III, IV, V and VI.~~ D.1, D.2, D.3, D.4, D.5, and D.6

~~If clogging occurs, systems with separate mechanical filtration components shall have the mechanical filtration components replaced or serviced in accordance with the manufacturer's instructions to maintain the test flow rate.~~

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Annex D
(normative)

Methods and procedures to minimize premature filter plugging

The methods and procedures within this annex shall be performed as required and referenced in the test methods. The intent is to allow the performance test to reach the desired test volume so performance claims are able to be substantiated and not prematurely plug due to common laboratory conditions. The test shall not be modified, however, in its nature by improving the performance of the test system. Influent samples and challenge levels shall be measured immediately prior to the system inlet and after any anti-plugging treatment to confirm that the actions performed to minimize premature filter plugging do not interfere with the influent challenge characteristics.

If a product prematurely plugs prior to the completion of the required test volume, the volume of the final sample point collected prior to plugging becomes the final test volume to determine capacity.

Example: A manufacturer desires to substantiate an 100 gallon alachlor claim for a point of use system that does not contain a performance indication device under NSF/ANSI Standard 53. This shall require the test to be performed to 200 gallons. The system flow rate for one of the systems falls to less than 25% of the initial clean system flow rate after the 180 gallon sample point but prior to the 200% sample point. The test is terminated and the total test volume for this test becomes 180 gallons instead of the originally desired 200 gallons which changes the maximum potential capacity claim to 90 gallons.

D.1 Mechanical filtration component of tested system

If a test system contains a separate mechanical filtration component that is not required for the successful reduction of the test contaminant and this mechanical filtration component causes premature clogging, this mechanical filtration component shall be replaced or excluded from the system to improve the flow rate.

D.2 Mechanical filtration of waters

The water source used to create test waters shall be filtered with mechanical filtration that meets or exceeds NSF/ANSI Standard 42 nominal particulate reduction class I performance. Carbon or other absorptive/adsorptive media shall not be used for source waters that require total organic carbon (TOC) unless an explicit addition of TOC is specified in the test method.

When the evaluation of the system is at an extended on/off cycle (10%-on/90%-off), extended test period (> 2 weeks) or the systems are known to plug, test waters shall be filtered with a non-absorptive/adsorptive media with a rating of 0.45 um or smaller. The filtration shall be performed prior to the addition of the contaminant and shall not alter or enhance the performance of the systems under test (with the exception of preventing premature plugging).

D.3 Disinfection and cleaning of test apparatus

Test equipment shall be cleaned and disinfected to minimize the presence of bacteria and particulate matter when the evaluation of the system is at an extended on/off cycle (10%-on/90%-off), extended test period (> 2 weeks) or the systems are known to plug. The testing laboratory shall evaluate the test equipment used to determine best practices for the equipment in use. The test systems shall not be exposed to the cleaning or disinfecting procedure and all disinfectants, cleaners, and rinse waters shall be purged from the

test apparatus prior to connecting the test systems.

An example of a disinfection and cleaning procedure is as follows:

Procedure

1. Remove all test systems from the test rig.
2. Remove any test rig prefilters.
3. Plumb in any inline components that shall be used to test the systems (flow meters, UV disinfection units, etc).
4. Add the recommended concentration of quaternary ammonia disinfectant cleaner to the test apparatus and ensure all interior surfaces are exposed to the cleaner.
5. Flush and circulate (if applicable) the disinfectant for the time recommended by the cleaner manufacturer or longer.
6. Drain the test rig and install any prefilters and activate the UV disinfection units (if applicable).
7. Thoroughly rinse the test rig until all of the cleaner is removed from the apparatus.

D.4 Anti-microbial treatment

Anti-microbial procedures shall be performed when the evaluation of the system is at an extended on/off cycle (10%-on/90%-off), extended test period (> 2 weeks) or the systems are known to plug. One or more of the following procedures shall be performed. Additional or alternate procedures are acceptable to be used if they provide equivalent or improved microbial control.

1. Residual free available chlorine

The use of free available chlorine up to 3 mg/L is acceptable to limit the growth of microorganisms within a test apparatus if it does not interfere with the challenge contaminant or improve the performance of the system under test (with the exception of limiting microbial growth).

Exceptions: Free available chlorine shall not be used for carbofuran, nitrate/nitrite, arsenic(III), chromium, hydrogen sulfide, chloramines, iron, manganese or any microbiological testing unless required in the test method.

2. Ultraviolet treatment

The use of UV is acceptable to limit the growth of microorganisms if it does not interfere with the challenge contaminant or improve the performance of the system under test. It is recommended that the UV treatment device be placed immediately prior to the injection of the contaminant (if applicable) and after any test water filtration. UV shall not be used for testing which requires free available chlorine, chloramines, or microbiological testing unless required in the test method.

D.5 Methanol used as carrier solvent

If methanol is used as a carrier solvent for introducing a challenge contaminant, the amount of methanol added to the test water shall be minimized if the evaluation of the system is at an extended on/off cycle (10%-on/90%-off), extended test period (> 2 weeks) or the systems are known to plug. The amount of methanol required to achieve proper dispersal and solvation of the challenge contaminant shall be maintained, but when practical, the concentration of methanol in the test water shall be minimized.

D.6 Operational cycle

If a test system has demonstrated clogging when an extended operational cycle is used (other than 50%-on/50%-off), the system shall be operated at an 50%-on/50%-off cycle if a retest is performed due to plugging. Adjusting to a longer off cycle is acceptable during the test (ex. 10%-on/90%-off) after the test system has reached the test volume where the previous test had plugged, if requested by the manufacturer.

BSR/UL 651A, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit

PROPOSALS

1. Revised Crush Test Loads

(CURRENT)
Table 9.3
Load for crush test

Trade size	(Metric designator)	Load for a 6-inch (152-mm) specimen			
		Percentage[a]	lbf	N	kgf
1/2	16	70	950	4225	431
3/4	21	70	750	3336	340
1	27	70	650	2890	295
1-1/4	35	75	500	2224	227
1-1/2	41	75	400	1780	181
2	53	75	300	1334	136
2-1/2	63	75	400	1780	181
3	78	75	500	2224	227
3-1/2	91	[b]	[b]	[b]	[b]
4	103	75	350	1557	159
5	129	75	325	1445	147
6	155	75	300	1334	136

[a] The figure in this column is the percentage of its original length to which the minor axis of the loaded specimen can be reduced by the load.

[b] These requirements will be added as these sizes are determined to be acceptable.

(REVISED)
Table 9.3
Minimum deflection load for HDPE specimens

Trade size	(Metric designator)	Minimum deflection load for HDPE specimens			
		Deflection percentage[a]	lbf	N	kgf
1/2	16	70	665	2958	302
3/4	21	70	510	2268	231
1	27	70	405	1801	184
1-1/4	35	75	395	1757	179
1-1/2	41	75	345	1535	157
2	53	75	275	1223	125

2-1/2	63	75	230	1023	104
3	78	75	185	823	84
3-1/2	91	75	160	712	73
4	103	75	140	623	64
5	129	75	110	489	50
6	155	75	95	423	43

[a] The figure in this column is the percentage of its original length to which the minor axis of the loaded specimen can be reduced by the load.

2. Removal of Reference to ASTM D648

9.2 Deflection under heat and load

9.2.1 General

9.2.1.1 The average temperature at which simply supported center-loaded bar specimens machined from finished conduit deflect 0.010 inch (0.25 mm) shall not be lower than 70°C (158°F) at a stress of 66 psi (455 kN/m^2 or 45.5 N/cm^2 or 46.4 gf/mm^2). The specimens are to be prepared and the test conducted as indicated in 9.2.2 and 9.2.4. ~~These procedures are similar to those described in the Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position, ASTM D 648.~~