ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 44, #14 *April 5, 2013*

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: May 5, 2013

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME PTC 55-200x, Gas Turbine Aircraft Engines (new standard)

This Code covers the testing of gas turbine aircraft engines in steady state. This Code applies to turbojet, turbofan, turboshaft, and turboprop engines, applications. Additionally the Code will encompass ram and/or altitude test conditions, including sea level, static test conditions.

This Code is only applicable to measuring performance when the engine is installed in a test facility. This Code is not applicable to measuring performance when the engine is installed in an aircraft, and it does not address engine-specific limits and margins.

The Code does not cover ground-based mechanical or electrical power-generating gas turbines, which is the subject of PTC 22. This Code is not sufficient for certification or qualification of engines under development, nor is it intended for determination of research data. While this code does not cover the requirements for transient testing, it is recognized that transient testing may be required to meet some limited contractual requirements. Information on transient testing is provided in this standard to support a comprehensive test program. While this code does not cover the requirements for transient testing, it is recognized that transient testing may be required to meet some limited contractual requirements. Information on transient testing is provided in this standard to support a comprehensive test program.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

ISA (ISA)

Revision

BSR/ISA 12.12.01-201x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2012)

This standard provides minimum requirements for the design, construction, and marking of electrical equipment or parts of such equipment for use in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Eliana Brazda, (919) 990 -9228, ebrazda@isa.org

NSF (NSF International)

Revision

BSR/NSF 14-201x (i49r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2012)

Issue 49: This issue addresses the variable outcomes in Chlorine-Resistance-Dependent Transfer Listing requirements for solid wall pipe by updating the current method and adding an additional method for testing.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2012b)

The following topics for the Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, are being recirculated: (1) Conditioning after UV exposure.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1004-1-201X, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 4-5-13) (revision of ANSI/UL 1004-1 -2012)

This recirculation proposal provides revisions to the UL 1004-1 proposal dated 2-1-13.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549 -1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2250-201x, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2009a)

(1) Addition of wire armor and metal braid to metal covering options.

Click here to view these changes in full

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

Comment Deadline: May 20, 2013

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC P-17-201x, Mechanical Steering Systems (new standard)

This standard is a guide for the design and construction of remote mechanical cable steering systems and the major components thereof, covering design, construction, and installation of steering systems for outboard, inboard, sterndrive, and water jet drive boats.

Single copy price: $25.00 (ABYC members); $50.00 (nonmembers)

Obtain an electronic copy from: www.abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC P-22-201x, Steering Wheels (new standard)

This standard is a guide for the design, construction, and installation of steering wheels for marine application.

Single copy price: $25.00 (ABYC members); $50.00 (nonmembers)

Obtain an electronic copy from: www.abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC P-27-201x, Electric/Electronic Steering Control Systems (new standard)

This standard is a guide for the design, construction, testing, and installation of systems for electric/electronic steering on boats.

Single copy price: $25.00 (ABYC members); $50.00 (nonmembers)

Obtain an electronic copy from: www.abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC S-31-201x, Environmental Considerations for Systems and Components Installed Onboard Boats (new standard)

This standard is intended for the qualification of systems and components for use onboard boats.

Single copy price: $25.00 (ABYC members); $50.00 (nonmembers)

Obtain an electronic copy from: www.abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC P-18-201x, Cable Over Pulley Steering Systems for Outboard Engines (revision of ANSI/ABYC P-18-2008)

This standard is a guide for the design and installation of cable-over-pulley steering systems.

Single copy price: $25.00 (ABYC members); $50.00 (nonmembers)

Obtain an electronic copy from: www.abycinc.org

Order from: Helen Koepper, (410) 990-4460, hkoepper@abycinc.org

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

New Standard

BSR/ASHRAE Standard 185.2P-201x, Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces (new standard)

This standard establishes a test method for measuring the intensity of ultraviolet lamps on irradiated surfaces under typical HVAC&R operating conditions.

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B30.20-2010, Below the Hook Lifting Devices (revision of ANSI/ASME B30.20-2010)

Volume B30.20 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of below-the-hook lifting devices, other than components addressed by other ASME B30 volumes or other standards, used for attaching loads to a hoist. The devices are arranged in five chapters as follows:

Chapter 20-1: Structural and Mechanical Lifting Devices

Chapter 20-2: Vacuum Lifting Devices

Chapter 20-3: Close Proximity Operated Lifting Magnets

Chapter 20-4: Remotely Operated Lifting Magnets

Chapter 20-5: Scrap and Material Handling Grapples

Single copy price: Free

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

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

ASTM (ASTM International)

New Standard

BSR/ASTM D495-201x, New Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accrediation@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM D2149-201x, New Standard Test Method for Permittivity Dielectric Constant and Dissipation Factor of Solid Dielectrics at Frequencies to 10 mHz and Temperatures to 500°C (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM D2303-201x, New Standard Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM D2520-201x, New Standard Test Methods for Complex Permittivity Dielectric Constant of Solid Electrical Insulating Materials at Microwave Frequencies and Temperatures to 1650°C (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM D3755-201x, New Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials under Direct-Voltage Stress (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM D4496-201x, New Standard Test Method for D-C Reisistance or Conductance of Moderately Conductive Materials (new standard)

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ASTM (ASTM International)

New Standard

BSR/ASTM WK14392-201x, Test Method for Evaluating the Sustained Air Performance and Exhaust Emission Efficiencies Central Vacuum Cleaning Units (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM WK27877-201x, Terminology Relating to Thoroughbred Horse Racing Surfaces (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM WK28668-201x, Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment (new standard)

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ASTM (ASTM International)

New Standard

BSR/ASTM WK30989-201x, Test Method for Density of Topsoil and Blended Soils In-Place by the Core Displacement Method (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

New Standard

BSR/ASTM WK31177-201x, Guide for Manufacturers for Labeling and Care Instructions for Wrestling Mats (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D149-2009 (R201x), Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies (reaffirmation of ANSI/ASTM D149-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D1094-2007 (R201x), Test Method for Water Reaction of Aviation Fuels (reaffirmation of ANSI/ASTM D1094-2007)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D2307-2007 (R201x), Test Method for Thermal Endurance of Film-Insulated Round Magnet Wire (reaffirmation of ANSI/ASTM D2307 -2007)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D3251-2004 (R201x), Test Method for Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied over Film-Insulated Magnet Wire (reaffirmation of ANSI/ASTM D3251-2004 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D3312-2000 (R201x), Test Method for Percent Reactive Monomer in Solventless Varnishes (reaffirmation of ANSI/ASTM D3312 -2000 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D3377-2000 (R201x), Test Method for Weight Loss of Solventless Varnishes (reaffirmation of ANSI/ASTM D3377-2000 (R2009))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F431-1999 (R201x), Specification for Air Performance Measurement Plenum Chamber for Vacuum Cleaners (reaffirmation of ANSI/ASTM F431-1999 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1352-2008 (R201x), Guide for Fixed Blade Broadhead Performance and Safety Standards (reaffirmation of ANSI/ASTM F1352 -2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1435-2008 (R201x), Specification for Designation of the Balance Point Location for Archery Arrows (reaffirmation of ANSI/ASTM F1435-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1648-1995 (R201x), Test Methods for Archery Bowstring Component-Serving String Material (reaffirmation of ANSI/ASTM F1648 -1995 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1888-2009 (R201x), Test Method for Compression-Displacement of Baseballs and Softballs (reaffirmation of ANSI/ASTM F1888 -2009)

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ASTM (ASTM International)

Revision

BSR/ASTM D257-201x, Test Methods for DC Resistance or Conductance of Insulating Materials (revision of ANSI/ASTM D257-2007)

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ASTM (ASTM International)

Revision

BSR/ASTM D910-201x, Specification for Aviation Gasolines (revision of ANSI/ASTM D910-2011)

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ASTM (ASTM International)

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BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2012a)

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ASTM (ASTM International)

Revision

BSR/ASTM D1932-201x, Test Method for Thermal Endurance of Flexible Electrical Insulating Varnishes (revision of ANSI/ASTM D1932-2004 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D3241-201x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2012b)

http://www.astm.org/ANSI_SA

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Revision

BSR/ASTM D3955-201x, Specification for Electrical Insulating Varnishes (revision of ANSI/ASTM D3955-2004 (R2009))

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ASTM (ASTM International)

Revision

BSR/ASTM D4566-201x, Test Methods for Electrical Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable (revision of ANSI/ASTM D4566-2005)

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Revision

BSR/ASTM D4730-201x, Specification for Flooding Compounds for Telecommunications Wire and Cable (revision of ANSI/ASTM D4730-2002 (R2008))

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Revision

BSR/ASTM D4731-201x, Specification for Hot-Application Filling Compounds for Telecommunications Wire and Cable (revision of ANSI/ASTM D4731-2002 (R2008))

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BSR/ASTM D4732-201x, Specification for Cool-Application Filling Compounds for Telecommunications Wire and Cable (revision of ANSI/ASTM D4732-2002 (R2008))

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Revision

BSR/ASTM D4733-201x, Test Methods for Solventless Electrical Insulating Varnishes (revision of ANSI/ASTM D4733-2003 (R2009))

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ASTM (ASTM International)

Revision

BSR/ASTM D5374-201x, Test Methods for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (revision of ANSI/ASTM D5374 -1999 (R2005))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D5423-201x, Specification for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (revision of ANSI/ASTM D5423 -1999 (R2005))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D6300-201x, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D6708-201x, Prectice 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 D6708-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D6792-201x, Practice for Quality System in Petroleum Products and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2007)

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ASTM (ASTM International)

Revision

BSR/ASTM D7547-201x, Specification for Hydrocarbon Only Unleaded Aviation Gasoline (revision of ANSI/ASTM D7547-2012a)

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ASTM (ASTM International)

Revision

BSR/ASTM D7566-201x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D7618-201x, Specification for Ethyl Tertiary-Butyl Ether (ETBE) for Blending with Aviation Spark-Ignition Engine Fuel (revision of ANSI/ASTM D7618-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E177-201x, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E691-201x, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691 -2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F381-201x, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381 -2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F430-201x, Specification for Paper Used for Vacuum Cleaner Filter Bags (revision of ANSI/ASTM F430-2011)

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ASTM (ASTM International)

Revision

BSR/ASTM F450-201x, Test Methods for Vacuum Cleaner Hose - Durability and Reliability (Plastic) (revision of ANSI/ASTM F450-2009)

http://www.astm.org/ANSI_SA

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Revision

BSR/ASTM F558-201x, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners (revision of ANSI/ASTM F558-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F585-201x, Practice for Insertion of Flexible Polyethylene Pipe into Existing Sewers (revision of ANSI/ASTM F585-1994 (R2007))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F608-201x, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-2011)

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ASTM (ASTM International)

Revision

BSR/ASTM F655-201x, Specification for Test Carpets and Pads for Vacuum Cleaner Testing (revision of ANSI/ASTM F655-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F677-201x, Test Method for Fluid and Grease Resistance of Thermoset Encapsulating Compounds Used in Electronic and Microelectronic Applications (revision of ANSI/ASTM F677-2004 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F714-201x, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) based on Outside Diameter (revision of ANSI/ASTM F714-2012a)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F1807-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp RIing for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2012)

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ASTM (ASTM International)

Revision

BSR/ASTM F1890-201x, Test Method for Measuring Softball Bat Performance Factor (revision of ANSI/ASTM F1890-2011)

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Revision

BSR/ASTM F1936-201x, Specification for Impact Attenuation of Turf Playing Systems as Measured in the Field (revision of ANSI/ASTM F1936-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F1976-201x, Test Method for Impact Attenuation Properties of Athletic Shoes using an Impact Test (revision of ANSI/ASTM F1976-2006)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2121-201x, Practice for Treestand Labels (revision of ANSI/ASTM F2121-2005 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2122-201x, Practice for Treestand Safety Devices (revision of ANSI/ASTM F2122-2008)

http://www.astm.org/ANSI_SA

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Revision

BSR/ASTM F2123-201x, Practice for Treestand Instructions (revision of ANSI/ASTM F2123-2009)

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ASTM (ASTM International)

Revision

BSR/ASTM F2124-201x, Practice for Testing Treestand Ladder, Tripod Stand and Climbing Stick Load Capacity (revision of ANSI/ASTM F2124 -2005 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2128-201x, Test Method for Treestand Repetitive Loading Capability (revision of ANSI/ASTM F2128-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2219-201x, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2225-201x, Safety Specification for Consumer Trampoline Enclosures (revision of ANSI/ASTM F2225-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2272-201x, Specification for Paintball Markers (revision of ANSI/ASTM F2272-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2650-201x, Terminology Relating to Impact Testing of Sports Surfaces and Equipment (revision of ANSI/ASTM F2650-2007)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2654-201x, Specification for Low Energy Air Gun (LEAG) Warnings (revision of ANSI/ASTM F2654-2007)

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ASTM (ASTM International)

Revision

BSR/ASTM F2679-201x, Specification for 6 mm Projectiles Used with Low Energy Air Guns (revision of ANSI/ASTM F2679-2007)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2748-201x, Specification for Low Energy Air Guns (Less than 1 Joule) (revision of ANSI/ASTM F2748-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2773-201x, Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (revision of ANSI/ASTM F2773-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2845-201x, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM F2949-201x, Specification for Pole Vault Box Collars (revision of ANSI/ASTM F2949-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F869-2001 (R2007), Terminology Relating to Athletic Shoes and Biomechanics (withdrawal of ANSI/ASTM F869-2001 (R2007))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F1881-2011, Test Method for Measuring Baseball Bat Performance Factor (withdrawal of ANSI/ASTM F1881-2011)

http://www.astm.org/ANSI_SA

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DASMA (Door and Access Systems Manufacturers Association)

Revision

BSR/DASMA 115-201x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structure Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2005)

This test method describes the determination of sectional garage doors, rolling doors and flexible doors impacted by missiles and subsequently subjected to cyclic static pressure differentials.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: Christopher Johnson, (216) 241-7333, cjohnson@thomasamc.com

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

FM (FM Approvals)

Revision

BSR/FM 4910-201x, Cleanroom Materials Flammability Test Protocol (revision and redesignation of ANSI/FMRC FM 4910-2004)

Describes minimum performance requirements for materials that are intended for use in cleanroom facilities. This standard evaluates the ability of the materials and, in turn, the system components to limit fire spread, and smoke damage resulting from a fire in the cleanroom environment.

Single copy price: Free

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

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

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

FM (FM Approvals)

Revision

BSR/FM 4996-201x, Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2007)

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

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ISA (ISA)

New National Adoption

BSR/ISA 60079-0 (12.00.01)-201x, Explosive Atmospheres - Part 0: Equipment - General Requirements (national adoption of IEC 60079-0 with modifications and revision of ANSI/ISA 60079-0 (12.00.01)-2009)

This standard specifies the general requirements for construction, testing and marking of electrical equipment and Ex Components intended for use in explosive atmospheres. Explosive atmospheres are identified by the National Electrical Code®, ANSI/NFPA 70 as hazardous (classified) locations and include the following specified locations: Class I, Zone 0; Class I, Zone 1; Class I, Zone 2; Zone 20; Zone 21; and Zone 22.

Single copy price: $446.00

Obtain an electronic copy from: ebrazda@isa.org

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

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

ISA (ISA)

New National Adoption

BSR/ISA 60079-29-1 (12.13.01)-200x, Explosive Atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases (identical national adoption of IEC 60079-29-1 and revision of ANSI/ISA 12.13.01-2002 (IEC 61779-1 through 5 Mod))

This part of ISA-60079-29 specifies general requirements for construction, testing and performance, and describes the test methods that apply to portable, transportable and fixed apparatus for the detection and measurement of flammable gas or vapor concentrations with air. The apparatus, or parts thereof, are intended for use in explosive gas atmospheres and in mines susceptible to firedamp.

Single copy price: $283.00

Obtain an electronic copy from: ebrazda@isa.org

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

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

New National Adoption

INCITS/ISO/IEC 1539-1:2010, Information technology - Programming languages - Fortran - Part 1: Base language (identical national adoption of ISO/IEC 1539-1:2010 and revision of INCITS/ISO/IEC 1539-1-2008)

ISO/IEC 1539-1:2010 specifies the form and establishes the interpretation of programs expressed in the base Fortran language. Its purpose is to promote portability, reliability, maintainability, and efficient execution of Fortran programs for use on a variety of computing systems. ISO/IEC 1539-1:2010 specifies the forms that a program written in the Fortran language may take, the rules for interpreting the meaning of a program and its data, the form of the input data to be processed by such a program, and the form of the output data resulting from the use of such a program.

Single copy price: $285.00

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

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

New National Adoption

INCITS/ISO/IEC 19794-1-201x/Amd 1-201x, Information technology - Biometric data interchange formats - Part 1: Framework - Amendment 1: Conformance testing methodology (identical national adoption of ISO/IEC 19794-1:2011/Amd 1:2013)

This conformance testing methodology amends ISO/IEC 19794-1:2011, which describes the general aspects and requirements for defining biometric data interchange formats. The notation and transfer formats provide platform independence and separation of transfer syntax from content definition. ISO/IEC 19794-1:2011 defines what is commonly applied for biometric data formats, that is, the standardization of the common content, meaning, and representation of biometric data formats of biometric types considered in the specific parts of ISO/IEC 19794.

Single copy price: $142.00

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

New National Adoption

INCITS/ISO/IEC 23271-2012, Information technology - Common Language Infrastructure (CLI) (identical national adoption of ISO/IEC 23271:2012 and revision of INCITS/ISO/IEC 23271-2008)

ISO/IEC 23271:2012 defines the Common Language Infrastructure (CLI) in which applications written in multiple high-level languages can be executed in different system environments without the need to rewrite those applications to take into consideration the unique characteristics of those environments. It consists of six partitions.

Single copy price: $285.00

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

New National Adoption

INCITS/ISO/IEC 10995:2011, Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media (identical national adoption of ISO/IEC 10995:2011 and revision of INCITS/ISO/IEC 10995:2008 [2008])

ISO/IEC 10995:2011 specifies an accelerated aging test method for estimating the life expectancy for the retrievability of information stored on recordable or rewritable optical disks.

Single copy price: $142.00

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

New National Adoption

INCITS/ISO/IEC 11002:2008, Information technology - Multipath management API (identical national adoption of ISO/IEC 11002:2008)

ISO/IEC 11002:2008(E) is an Application Programming Interface (API) which provides management interfaces as defined in ISO/IEC 14776-453 (Information technology - Small computer system interface (SCSI) - Part 453: Primary commands-3 (SPC-3)) and common vendor-specific extensions to the standard capabilities. ISO/IEC 11002 relates to SCSI multipathing features and excludes multipathing between interconnect devices (such as Fibre Channel switches) and transport specific multipathing (such as iSCSI multiple connections per session).

Single copy price: $30.00

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

New National Adoption

INCITS/ISO/IEC 11989:2010, Information technology - iSCSI Management API (identical national adoption of ISO/IEC 11989:2010)

ISO/IEC 11989:2010(E) specifies an Application Programming Interface (API) that provides interfaces to discover and manage iSCSI resources on a system. This International Standard is applicable to vendors who deliver drivers that provide iSCSI resources to a system.

Single copy price: $30.00

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

Stabilized Maintenance

INCITS/ISO 7064-2003 (S201x), Information technology - Security techniques - Check character systems (stabilized maintenance of INCITS/ISO 7064-2003 (R2008))

This International Standard specifies a set of check character systems capable of protecting strings against errors which occur when people copy or type data. The strings may be of fixed or variable length and may have character sets which are (a) numeric (10 digits: 0 to 9); (b) alphabetic (26 letters: A to Z); or (c) alphanumeric (letters and digits).

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

Stabilized Maintenance

INCITS/ISO/IEC 10118-4-1998 (S201x), Information technology - Security techniques - Hash functions: Part 4: Hash functions using modular arithmetic (stabilized maintenance of INCITS/ISO/IEC 10118-4-1998 (R2008))

This part of ISO/IEC 10118 specifies two hash-functions that make use of modular arithmetic. These hash-functions, which are believed to be collision-resistant, compress messages of arbitrary but limited length to a hash-code whose length is determined by the length of the prime number used in the reduction-function defined in 7.3. Thus, the hash-code is easily scaled to the input length of any mechanism (e.g., signature algorithm, identification scheme).

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Send comments (with copy to psa@ansi.org) to: Rachel Porter, 202-626-5741, rporter@itic.org

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

Stabilized Maintenance

INCITS/ISO/IEC 22050-2002 (S201x), Information technology - Data interchange on 12,7 mm, 384-track magnetic tape cartridges - Ultrium-1 format (stabilized maintenance of INCITS/ISO/IEC 22050-2002 (R2008))

This International Standard specifies the physical and magnetic characteristics of magnetic tape cartridges, using magnetic tape 12,65 mm wide so as to provide physical interchange of such cartridges between drives. It also specifies the quality of the recorded signals, the recording method and the recorded format, thereby allowing data interchange between drives by means of such cartridges. The format supports variable-length Logical Records, high-speed search, and the use of a registered algorithm for data compression.

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

Stabilized Maintenance

INCITS/ISO/IEC 22091-2002 (S201x), Information Technology - Streaming Lossless Data Compression Algorithm (SLDC) (stabilized maintenance of INCITS/ISO/IEC 22091-2002 (R2008))

Specifies a lossless compression algorithm to reduce the number of 8-bit bytes required to represent data records and File Marks. The algorithm is known as Streaming Lossless Data Compression algorithm (SLDC). One buffer size (1 024 bytes) is specified. The numerical identifier according to ISO/IEC 11576 allocated to this algorithm is 6.

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NEMA (ASC C29) (National Electrical Manufacturers Association)

New Standard

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

This standard covers distribution suspension-type insulators, 4-1/4 inches (108 millimeters) to 8 inches (203 millimeters) in diameter, made of wet-process porcelain or of toughened glass and used in the distribution of electrical energy.

Single copy price: $45.00

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

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

NEMA (ASC C29) (National Electrical Manufacturers Association)

New Standard

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

This standard covers transmission suspension-type insulators, 9 inches (228.6 millimeters) in diameter and larger, made of wet-process porcelain or of toughened glass and used in the transmission of electrical energy.

Single copy price: $45.00

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

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 197-201x, Recommendations for Spot Check Loudness Measurements (new standard)

This document provides recommendations for measuring content carried in a single programming channel of a program network for 24-hours as part of managing audio loudness.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 136-1-201x, Layer 2 Virtual Private Networks for IP Cable Modem Systems (revision of ANSI/SCTE 136-1-2007)

This standard describes requirements on both CMTSs and CMs in order to implement a DOCSIS Layer-2 Virtual Private Network (DOCSIS L2VPN) feature.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1889-2009 (R201x), Standard for Safety for Commercial Filters for Cooking Oil (reaffirmation of ANSI/UL 1889-2009)

UL 1889 covers commercial filters for cooking oil rated 600 volts or less and intended for use in accordance with the National Electrical Code, NFPA 70. UL 1889 covers both portable filters and fixed filters intended to be used with a specific fryer or fryers or with any fryer or fryers.

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, (408) 754 -6656, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 142-201x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2010a)

The following is being recirculated:

- Clarification with respect to venting - paragraph 8.4;
- New requirements for sumps;
- Revise figure 40.1 to show rectangular tank;
- Clarification on requirements for emergency venting of secondary containment on vertical tank;
- Clarifications on requirements for large tank venting;
- New section for requirements for minor accessories; and
- Clarification of requirements for large vertical tank construction.

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 471-201x, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2012c)

The following is being proposed: (1) Revision to Section 33 with respect to evaluation to refrigerant standards; (2) Transcritical carbon dioxide refrigerant requirements; (3) Addition of alternate coating thickness test for corrosion protected steel; and (4) Editorial and miscellaneous revisions for correction and clarification purposes.

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

Comment Deadline: June 4, 2013

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 681-201x, Standard for Safety for Installation and Classification of Burglar and Holdup Alarm Systems (new standard)

Provides criteria for the installation of protective wiring and devices for burglar alarm systems covering premises, stockrooms, alarmed areas, safes, vaults, night depositories, automated teller machines, and other security containers. The amount of alarm protection installed in a system is designated as the extent of protection. These requirements also cover the installation of holdup-alarm initiating devices used to send holdup or duress signals to an off-premises location.

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: Warren Casper, warren. casper@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:

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASAE S539-OCT95 (R201x), Media Filters for Irrigation - Testing and Performance Reporting (reaffirmation of ANSI/ASAE S539-OCT95 (R2008))

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASAE S553-MAR01 (R201x), Collapsible Emitting Hose (DripTape) - Specifications and Performance Testing (reaffirmation of ANSI/ASAE S553-MAR01 (R2008))

ASTM (ASTM International)

BSR/ASTM D3841-201x, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2001 (R2008))

Technical Reports Registered with ANSI

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

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

HL7 (Health Level Seven)

BSR/HL7 V2IG CG LOINCGENVAR, R2-2012, HL7 Version 2 Implementation Guide: Clinical Genomics; Fully LOINC-Qualified Genetic Variation Model, Release 2 - US Realm (TECHNICAL REPORT) (technical report)

This implementation guide addresses the need to report structured genetic test results into the EHR, using well-adopted standards and in a manner that is consistent with the Clinical Genomics Genetic Variation model. Release 2 contains support for large genotyping tests (e.g. tumor profiling), test definition, coded references (e.g. articles in PubMed, records in OMIM).

Single copy price: Free

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/ASAE S539-OCT95 (R2008), Media Filters for Irrigation - Testing and Performance Reporting

ANSI/ASAE S553-MAR01 (R2008), Collapsible Emitting Hose (Drip Tape) - Specifications and Performance Testing

Correction

Incorrect Closing Date

BSR/ISA 60079-7 (12.16.01)-2008 (R201x)

In last week's Standards Action, the comment closing date was listed in error for BSR/ISA 60079-7 (12.16.01)-2008 (R201x) The comment period for the (reaffirmation of ANSI/ISA 60079-7 (12.16.01)-2008) closed on January 28, 2013.

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.

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: *Christopher Johnson*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: cjohnson@thomasamc.com

BSR/DASMA 115-201x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structure Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2005)

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 12.12.01-201x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2012)

BSR/ISA 60079-0 (12.00.01)-201x, Explosive Atmospheres - Part 0: Equipment - General Requirements (national adoption of IEC 60079-0 with modifications and revision of ANSI/ISA 60079-0 (12.00.01)-2009)

BSR/ISA 60079-29-1 (12.13.01)-200x, Explosive Atmospheres - Part 29 -1: Gas detectors - Performance requirements of detectors for flammable gases (identical national adoption of IEC 60079-29-1 and revision of ANSI/ISA 12.13.01-2002 (IEC 61779-1 through 5 Mod))

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

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

Contact: *Rachel Porter*

Phone: 202-626-5741

Fax: 202-638-4922

E-mail: rporter@itic.org

INCITS/ISO 7064-2003 (S201x), Information technology - Security techniques - Check character systems (stabilized maintenance of INCITS/ISO 7064-2003 (R2008))

INCITS/ISO/IEC 1539-1:2010, Information technology - Programming languages - Fortran - Part 1: Base language (identical national adoption of ISO/IEC 1539-1:2010 and revision of INCITS/ISO/IEC 1539-1-2008)

INCITS/ISO/IEC 10118-4-1998 (S201x), Information Technology - Security techniques - Hash functions: Part 4: Hash functions using modular arithmetic (stabilized maintenance of INCITS/ISO/IEC 10118 -4-1998 (R2008))

INCITS/ISO/IEC 19794-14:2013, Information technology - Biometric data interchange formats - Part 14: DNA data (identical national adoption of ISO/IEC 19794-14:2013)

INCITS/ISO/IEC 19794-1-201x/Amd 1-201x, Information technology - Biometric data interchange formats - Part 1: Framework - Amendment 1: Conformance testing methodology (identical national adoption of ISO/IEC 19794-1:2011/Amd 1:2013)

INCITS/ISO/IEC 19794-9:2011/Amd 1:2013, Information technology - Biometric data interchange formats - Part 9: Vascular image data - Amendment 1: Conformance testing methodology (identical national adoption of ISO/IEC 19794-9:2011/Amd 1:2013)

INCITS/ISO/IEC 22050-2002 (S201x), Information technology - Data interchange on 12,7 mm, 384-track magnetic tape cartridges - Ultrium -1 format (stabilized maintenance of INCITS/ISO/IEC 22050-2002 (R2008))

INCITS/ISO/IEC 22091-2002 (S201x), Information technology - Streaming Lossless Data Compression algorithm (SLDC) (stabilized maintenance of INCITS/ISO/IEC 22091-2002 (R2008))

INCITS/ISO/IEC 23271-2012, Information technology - Common Language Infrastructure (CLI) (identical national adoption of ISO/IEC 23271:2012 and revision of INCITS/ISO/IEC 23271-2008)

INCITS/ISO/IEC 10995:2011, Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media (identical national adoption of ISO/IEC 10995:2011 and revision of INCITS/ISO/IEC 10995:2008[2008])

INCITS/ISO/IEC 11002:2008, Information technology - Multipath management API (identical national adoption of ISO/IEC 11002:2008)

INCITS/ISO/IEC 11989:2010, Information technology - iSCSI Management API (identical national adoption of ISO/IEC 11989:2010)

INCITS/ISO/IEC 20060:2010, Information technology - Open Terminal Architecture (OTA) - Virtual machine (identical national adoption of ISO/IEC 20060:2010 and revision of INCITS/ISO/IEC 20060-2008)

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

Contact: *Steve Griffith*

Phone: (703) 841-3297

Fax: 703-841-3397

E-mail: Steve.Griffith@nema.org

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

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

Final Actions on American National Standards

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

ANS (American Nuclear Society)

Revision

ANSI/ANS 15.21-2012, Format and Content for Safety Analysis Reports for Research Reactors (revision of ANSI/ANS 15.21-1996 (2006)): 4/3/2013

API (American Petroleum Institute)

New Standard

ANSI/API RP-780-2013, Security Risk Assessment Methodology for the Petroleum and Petrochemical Industries (new standard): 4/2/2013

APSP (Association of Pool and Spa Professionals)

Reaffirmation

* ANSI/APSP 8-2004 (R2013), Model Barrier Code for Residential Swimming Pools, Spas, and Hot Tubs (reaffirmation and redesignation of ANSI/NSPI 8-2004): 4/2/2013

ASA (ASC S12) (Acoustical Society of America)

New National Adoption

ANSI/ASA S12.11-2013/Part 1/ ISO 10302-1:2011, Acoustics - Measurement of airborne noise emitted and structure-born vibration induced by small air-moving devices - Part 1: Airborne noise measurement (identical national adoption of ISO 10302-1:2011): 4/2/2013

AWWA (American Water Works Association)

Revision

ANSI/AWWA B506-2013, Zinc Orthophosphate (revision of ANSI/AWWA B506-2006): 4/3/2013

ANSI/AWWA C605-2013, Underground Installation of PVC and PVCO Pressure Pipe and Fittings (revision of ANSI/AWWA C605-2005): 4/2/2013

BICSI (Building Industry Consulting Service International)

New Standard

ANSI/BICSI 004-2013, Information Technology - Systems Design and Implementation - Best Practices for Healthcare Institutions and Facilities (new standard): 4/2/2013

CSA (CSA Group)

Reaffirmation

ANSI Z83.25-2008 (R2013), Direct Gas-Fired Process Air Heaters, (same as CSA 3.19) (reaffirmation of ANSI Z83.25-2008 and ANSI Z83.25a-2012): 4/3/2013

Revision

* ANSI/CSA LC 4a-2013, Standard for Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems (same as CSA 6.32a) (revision of ANSI/CSA LC 4-2012): 4/3/2013

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

New National Adoption

INCITS/ISO/IEC 2382-37:2012, Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382 -37:2012): 4/3/2013

INCITS/ISO/IEC 9541-1:2012, Information technology - Font information interchange - Part 1: Architecture (identical national adoption of ISO/IEC 9541-1:2012 and revision of INCITS/ISO/IEC 9541-1-1991 (R2009), INCITS/ISO/IEC 9541-1-1991/AM1-2000 (S2011), INCITS/ISO/IEC 9541-1:1991 AM 2:1998, INCITS/ISO/IEC 9541-1-1991/AM3-2000 (S2011), INCITS/ISO/IEC 9541-1:1991 AM 4:2009, INCITS/ISO/IEC 9541-1:1991/Cor 1:2010, INCITS/ISO/IEC 9541-1:1991/Cor 2:2010, and INCITS/ISO/IEC 9541-1:1991/Cor 3:2010): 4/3/2013

INCITS/ISO/IEC 9541-2:2012, Information technology - Font information interchange - Part 2: Interchange format (identical national adoption of ISO/IEC 9541-2:2012 and revision of INCITS/ISO/IEC 9541-2-1991 (S2012), INCITS/ISO/IEC 9541 -2:1991/Cor 2:2010, INCITS/ISO/IEC 9541-2-1991/AM1-2000 (S2011), and INCITS/ISO/IEC 9541-2:1991/AM 2:2009): 4/3/2013

INCITS/ISO/IEC 9541-3:2012, Information technology - Font information interchange - Part 3: Glyph shape representation (identical national adoption of ISO/IEC 9541-3:2012 and revision of INCITS/ISO/IEC 9541-3-1994 (R2009), INCITS/ISO/IEC 9541 -3:1994/AM 1:2009, and INCITS/ISO/IEC 9541-3:1994 AM 2:2009): 4/3/2013

Reaffirmation

ANSI INCITS 423.2-2008 (R2013), Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 2: Conformance Testing Methodology for INCITS 378-2004, Finger Minutiae Format for Data Interchange (reaffirmation of ANSI INCITS 423.2-2008): 4/2/2013

NSF (NSF International)

Revision

ANSI/NSF 140-2013 (i23), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012): 3/28/2013

* ANSI/NSF 332-2012 (i7r1), Sustainability Assessment for Resilient Flooring (revision of ANSI/NSF 332-2011): 10/31/2012

RIA (Robotic Industries Association)

New National Adoption

ANSI/RIA R15.06-2012, Industrial Robots and Robot Systems - Safety Requirements (national adoption of ISO 10218-1 & -2:2011 with modifications and revision of ANSI/RIA R15.06-1999): 3/28/2013

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 4950-2013, Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III, Division 1, Hazardous (Classified) Locations (new standard): 4/3/2013

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60730-1-2013, Standard for Automatic Electrical Controls for Household and Similar Use; Part 1: General Requirements (national adoption with modifications of IEC 60730-1): 3/29/2013

Revision

ANSI/UL 2267-2013, Standard for Safety for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (revision of ANSI/UL 2267 -2011b): 3/27/2013

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.

AISI (American Iron and Steel Institute)

Office: 25 Massachusetts Avenue, NW
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Washington, DC 20001

Contact: *Helen Chen*

Fax: (202) 452-1039

E-mail: Hchen@steel.org; doates@steel.org

BSR/AISI S400-201x, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision, redesignation and consolidation of ANSI/AISI S213-2007 w/S1-2009 (R2012), ANSI/AISI S110-2008 & S1-2009 (R2012))

Stakeholders: Cold-formed steel industry.

Project Need: To provide a unified seismic design document for cold-formed steel structural systems.

This North American Standard for Seismic Design of Cold-Formed Steel Structural Systems is applicable for the design and construction of cold-formed steel members and connections in seismic force resisting systems (SFRS) in buildings and other structures.

BSR/AISI S901-201x, Rotational-Lateral Stiffness Test Method for Beam-to-Panel Assemblies (revision of ANSI/AISI S901-2008)

Stakeholders: Cold-formed steel industry.

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

This is a test standard to determine the rotational-lateral stiffness of beam-to-panel assemblies. The test method is used primarily in determining the strength of beams connected to panels as part of a structural assembly.

BSR/AISI S902-201x, Stub-Column Test Method for Effective Area of Cold-Formed Steel Columns (revision of ANSI/AISI S902-2008)

Stakeholders: Cold-formed steel industry.

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

This test method covers the determination of the effective cross-sectional area of cold-formed steel columns. It primarily considers the effects of local buckling and residual stresses and is applied to solid or perforated columns that have holes (or hole patterns) in the flat and/or curved elements of the cross-section.

BSR/AISI S903-201x, Standard Methods for Determination of Uniform and Local Ductility (revision of ANSI/AISI S903-2008)

Stakeholders: Cold-formed steel industry.

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

This method covers the determination of uniform and local ductility from a tension test. It is primarily used as an alternative method of determining if steel has adequate ductility as defined in the North American Cold-Formed Steel Specification. It is based on the method suggested by Dhalla and Winter.

BSR/AISI S904-201x, Standard Test Methods for Determining the Tensile and Shear Strength of Screws (revision of ANSI/AISI S904-2008)

Stakeholders: Cold-formed steel industry.

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

The performance test methods included in this standard establish procedures for conducting tests to determine the tensile and shear strength of carbon steel screws. The screws may be thread-forming or thread-cutting, with or without a self-drilling point, and with or without washers. The intended application for these screws is to connect cold-formed sheet steel materials.

BSR/AISI S906-201x, Standard Procedures for Panel and Anchor Structural Tests (revision of ANSI/AISI S906-2008)

Stakeholders: Cold-formed steel industry.

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

This test procedure extends and provides methodology for interpretation of results of tests performed according to ASTM E1592.

BSR/AISI S908-201x, Base Test Method for Purlins Supporting a Standing Seam Roof System (revision of ANSI/AISI S908-2008)

Stakeholders: Cold-formed steel industry.

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

This test is to obtain the reduction factor to be used in determining the nominal flexural strength of a purlin supporting a standing seam roof system.

BSR/AISI S909-201x, Standard Test Method for Determining the Web Crippling Strength of Cold-Formed Steel Beams (revision of ANSI/AISI S909-2008)

Stakeholders: Cold-formed steel industry.

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

This performance test method establishes procedures for conducting tests to determine the web-crippling strength of cold-formed steel flexural members.

BSR/AISI S910-201x, Test Method for Distortional Buckling of Cold-Formed Steel Hat Shaped Compression Members (revision of ANSI/AISI S910-2008)

Stakeholders: Cold-formed steel industry.

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

This test method establishes procedures for determining the distortional buckling strength of cold-formed steel hat shaped compression members with an open cross-section.

BSR/AISI S911-201x, Method for Flexural Testing Cold-Formed Steel Hat Shaped Beams (revision of ANSI/AISI S911-2008)

Stakeholders: Cold-formed steel industry.

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

This test method establishes procedures for determining the nominal flexural strength of an open-hat-shaped cross-section subject to negative bending moment.

BSR/AISI S912-201x, Test Procedure for Determining a Strength Value for a Roof Panel-to-Purlin-to-Anchorage Device Connection (revision of ANSI/AISI S912-2008)

Stakeholders: Cold-formed steel industry.

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

The purpose of this test is to obtain lower bound strength values for the roof-panel-to-purlin-to-anchorage device connections in through-fastened and standing seam, multi-span, multi-purlin line roof systems. The test is not intended to determine the ultimate strength of the connections.

BSR/AISI S913-201x, Test Standard for Hold-Downs Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S913-2008)

Stakeholders: Cold-formed steel industry.

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

This standard provides two methods to determine both the strength and deformation of hold-downs used in light frame construction. One of the test methods is to determine the strength and deformation of the hold-down device and the other test method is to determine the strength and deformation of the hold-down assembly.

BSR/AISI S914-201x, Test Standard for Joist Connectors Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S914-2008)

Stakeholders: Cold-formed steel industry.

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

This standard provides a method to determine both the strength and deformation of joist hangers and similar devices used in light frame construction.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085
Contact: *Carla VanGilder*
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASABE AD6489-3:2004/ISO 6489-3 MONYEAR, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar (national adoption of ISO 6489-3:2004 with modifications and revision of ANSI/ASABE AD6489-3/ISO 6489-3-2009)

Stakeholders: Tractor and Implement manufacturers and users.

Project Need: The auxiliary hole (D) is used by several manufacturers to attach and stabilize the implement hitch on the tractor drawbar. This issue was reviewed by the responsible ASABE committees during the 2013 AETC committee. A resolution was proposed to amend the ASBAE adoption of ISO 6489-3:2004 to include the deviation for the auxiliary hole in the tractor drawbar and distance requirements.

This standard gives general specifications, including dimensional requirements, location, vertical static load limits, safety chain attachments, and PTO clearance zone requirements for Category 0, 1, 2, 3, 4, and 5 drawbars mounted on the rear of agricultural tractors.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005
Contact: *Kerrianne Conn*
Fax: (202) 347-7125
E-mail: kconn@atis.org; jpemard@atis.org

BSR ATIS 0300097-201x, Structure for the Identification of Telecommunications Connections for Information Exchange (revision of ANSI ATIS 0300097-2008)

Stakeholders: Communications industry.

Project Need: To provide the code and format structures necessary for identification of telecommunications connections and describes the code structure with various combinations of data units represented within those structures.

This standard provides the code and format structures necessary for identification of telecommunications connections and describes the code structure with various combinations of data units represented within those structures. This standard contains clauses that cover its purpose and scope, described format structures and data elements for message trunks and message trunks groups, special services circuits and facilities. It also contains definitions and references. Its intended use is to provide a standard that facilitates information exchange among human and machines.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Abraham Murra*

Fax: (909) 472-4150

E-mail: abraham.murra@IAPMOstandards.org

* BSR/CSA B45.8/IAPMO Z403-201x, Terrazzo, concrete, and natural stone plumbing fixtures (new standard)

Stakeholders: Users, manufacturers, general interest.

Project Need: To develop a new harmonized standard for terrazzo, concrete, and natural stone plumbing fixtures that will benefit stakeholders across North America.

This Standard covers terrazzo, concrete, and natural stone plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard covers the following plumbing fixtures:
(a) bathtubs and combination tub/showers;
(b) lavatories;
(c) shower bases and shower stalls;
(d) sinks, i.e., (i) bar sinks, (ii) kitchen sinks, (iii) laundry sinks, (iv) service sinks, and (v) wash fountains.

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

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Washington, DC 20005

Contact: *Barbara Bennett*

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INCITS/ISO/IEC 19794-14:2013, Information technology - Biometric data interchange formats - Part 14: DNA data (identical national adoption of ISO/IEC 19794-14:2013)

Stakeholders: ICT industry.

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

ISO/IEC 19794-14:2013 specifies a data interchange format for the exchange of DNA data for person identification or verification technologies that utilize human DNA. It will provide the ability for DNA profile data to be exchanged and used for comparison (subject to privacy regulations) with DNA profile data produced by any other system that is based on a compatible DNA profiling technique and where the data format conforms to ISO/IEC 19794-14:2013.

INCITS/ISO/IEC 19794-9:2011/Amd 1:2013, Information technology - Biometric data interchange formats - Part 9: Vascular image data - Amendment 1: Conformance testing methodology (identical national adoption of ISO/IEC 19794-9:2011/Amd 1:2013)

Stakeholders: ICT industry.

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

This is the first amendment to ISO/IEC 19794-9:2011 that ISO/IEC 19794-9:2011 specifies an image interchange format for biometric person identification or verification technologies that utilize human vascular biometric images and can be used for the exchange and comparison of vascular image data. It specifies a data record interchange format for storing, recording, and transmitting vascular biometric information from one or more areas of the human body. It defines the contents, format, and units of measurement for the image exchange. The format consists of mandatory and optional items, including scanning parameters, etc.

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

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

Contact: *Deborah Spittle*

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INCITS/ISO/IEC 20060:2010, Information technology - Open Terminal Architecture (OTA) - Virtual machine (identical national adoption of ISO/IEC 20060:2010 and revision of INCITS/ISO/IEC 20060-2008)

Stakeholders: ICT industry.

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

ISO/IEC 20060:2010 provides the specifications for the standard Open Terminal Architecture (OTA) kernel in several layers: definition of the virtual machine (VM); description of the services provided by the VM to terminal programmers; specification of a set of tokens representing the native machine language of the VM; specification of the format in which token modules are delivered to an OTA kernel for processing.

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

Office: PO Box 69
Beneficial Designs, Inc.
Minden, NV 89423

Contact: *Peter Axelson*

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E-mail: peter@beneficialdesigns.com

* BSR/RESNA WC Volume 4-2013, RESNA Standard for Wheelchairs, Volume 4: Wheelchairs and Transportation (national adoption of ISO 10865-1 with modifications and revision of ANSI/RESNA WC Volume 4-2012)

Stakeholders: Wheelchair manufacturers, wheelchair tiedown and occupant-restraint manufacturers, wheelchair seating manufacturers, vehicle modifiers, vehicle manufacturers, consumers and caregivers, and transportation providers.

Project Need: Safety standards are needed for wheelchairs, specialized wheelchair seating systems, wheelchair tiedowns and occupant-restraint systems, as well as, wheelchair spaces on large accessible transit vehicles.

This standard will include design and performance requirements, test methods, and requirements for manufacturer's literature and product labeling for wheelchairs, wheelchair-seating systems, and WTORS, intended for use in all motor vehicles, as well as for wheelchair spaces installed on large accessible transit vehicles.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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

ANSI-Accredited Standards Developers Contact Information

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

ABYC
American Boat and Yacht Council

613 Third Street
Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org

AISI
American Iron and Steel Institute

25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7134
Fax: (202) 452-1039
Web: www.steel.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60526-5592
Phone: (708) 579-8269
Fax: (708) 579-8248
Web: www.ans.org

API
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8157
Fax: (202) 682-8051
Web: www.api.org

APSP
Association of Pool and Spa Professionals

2111 Eisenhower Avenue
Alexandria, VA 22314
Phone: (703) 838-0083 x150
Fax: (703) 549-0493
Web: www.apsp.org

ASA (ASC S12)
Acoustical Society of America

35 Pinelawn Road, Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
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Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

BICSI
Building Industry Consulting Service International

8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.org

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

DASMA
Door and Access Systems Manufacturers Association

1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333
Fax: (216) 241-0105

FM
FM Approvals

1151 Boston-Providence Turnpike
Norwood, MA 2062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

HL7
Health Level Seven

3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

IAPMO (ASC Z124)
International Association of Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

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

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

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW, Suite 610
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Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

NEMA (ASC C29)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3297
Fax: 703-841-3397
Web: www.nema.org

NSF
NSF International

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

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

PO Box 69
Beneficial Designs, Inc.
Minden, NV 89423
Phone: (775) 783-8822 ext. 121
Fax: (775) 783-8823
Web: www.resna.org

RIA
Robotic Industries Association

P. O. Box 3724
900 Victor's Way, Suite 140
Ann Arbor, MI 48108-5210
Phone: (734) 994-6088
Fax: (734) 994-3338
Web: www.robotics.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-7133
Web: www.scte.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Fax: (847) 664-3038
Web: www.ul.com/

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 Charles T. Zegers, at ANSI's New York offices. 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.

18A/350/CDV, IEC 60092-360: Electrical installations in ships - Part 360: Insulating and sheathing materials for shipboard and offshore units, power, control, instrumentation and telecommunication cables, 06/28/2013

22F/300A/DTR, Amendment 1 - IEC/TR 62543 Ed.1: High-voltage direct current (HVDC) transmission using voltage sourced converters (VSC), 04/12/2013

22F/304/CD, IEC/TR 62757 Ed.1: Fire prevention measures on converters for high-voltage direct current (HVDC) systems, static var compensators (SVC) and flexible AC transmission systems (FACTS) and their valve halls, 06/21/2013

23E/785/FDIS, IEC 62606 Ed.1: General requirements for Arc Fault Detection Devices, 05/31/2013

23B/1105/FDIS, Amendment 1 to IEC 60884-2-7 Ed.1: Plugs and socket-outlets for household and similar purposes - Part 2-7: Particular requirements for cord extension sets, 05/24/2013

31M/73/CD, ISO 80079-36/Ed1: Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements, 06/21/2013

31M/74/CD, ISO 80079-37/Ed1: Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety 'c', control of ignition source 'b', liquid immersion 'k', 06/21/2013

34C/1036/CDV, IEC 61048 A1 Ed.2: Amendment 1 - Auxiliaries for lamps - Capacitors for use in tubular fluorescent and other discharge lamp circuits - General and safety requirements, 06/21/2013

34C/1041A/CD, IEC 62386-101 Ed.2: Digital addressable lighting interface - Part 101: General requirements - System components, 05/10/2013

34C/1042A/CD, IEC 62386-102 Ed.2: Digital addressable lighting interface - Part 102: General requirements - Control gear, 05/10/2013

34C/1043/CD, IEC 62386-103 Ed.1: Digital addressable lighting interface - Part 103: General requirements - Control devices, 05/17/2013

34D/1094/FDIS, IEC 60598-2-24 Ed.2: Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures, 05/31/2013

34A/1661/CD, IEC 62838 Ed.1: Self-ballasted LED-lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specification, 06/21/2013

34A/1662/FDIS, IEC 62612 Ed.1: Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements, 05/24/2013

34A/1663/FDIS, Amendment 1 to IEC 61231 Ed.1: International lamp coding system (ILCOS), 05/31/2013

34A/1664/CD, IEC 62868 Ed.1: Organic light emitting diode (OLED) panels for general lighting - Safety requirements, 07/05/2013

36A/164/CDV, IEC/IEEE 65700 19.03 - Bushings for DC Application, 07/05/2013

45B/763/NP, Radiation protection instrumentation - Bottle/can liquid X-ray inspection system, 06/14/2013

45B/764/NP, Evaluating the image quality of X-ray Computed Tomography (CT) security screening systems, 06/14/2013

45B/765/DC, Proposed revision of IEC 61563 (2001), Radiation protection instrumentation - Equipment for measuring specific activity of gamma-emitting radionuclides in foodstuffs, 05/03/2013

45A/919/NP, Nuclear Power Plants - Instrumentation important to safety - Pressure transmitters, 06/21/2013

46F/228/CD, IEC 62810/Ed. 1: Cylindrical cavity method to measure the complex permittivity of low-loss dielectric rods, 06/21/2013

46F/229A/NP, Radio-frequency connectors Part XX: Sectional specification for MMCX series RF coaxial connectors, 06/28/2013

46F/229/NP, Radio-frequency connectors Part XX: Sectional specification for MMCX series RF coaxial connectors, 06/28/2013

46A/1147/CD, IEC 61196-1-100: Coaxial communication cables-Part 1 -100: Electrical test methods - General requirements, 06/21/2013

46A/1148/CD, IEC 61196-1-200: Coaxial communication cables-Part 1 -200: Environmental test methods - General requirements, 06/21/2013

46A/1149/NP, Coaxial Communication Cables - Part 4-1: Blank detail specification for radiating cable, 06/21/2013

46A/1151/CD, IEC 61196-4 Ed3: Coaxial communication cables - Part 4: Sectional specification for radiating cables, 06/21/2013

47F/148/CDV, IEC 62047-22 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates, 07/05/2013

47F/151/CD, IEC 62047-16 Ed. 1: Semiconductor devices - Micro-electromechanical devices - Part 16: Test methods for determining residual stresses of MEMS films - Wafer curvature and cantilever beam deflection methods, 05/24/2013

47E/453/FDIS, IEC 60747-3 Ed.2: Semiconductor devices - Part 3: Discrete devices: Signal, switching and regulator diodes, 05/24/2013

48B/2340/FDIS, EC 60352-2-A1/Ed2: Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance, 05/24/2013

61B/472/DC, Proposal of TC 61/MT 23 for an amendment to IEC 60335-2-25: 2010-09, Ed 6.0: Particular requirements for microwave ovens, including combination microwave ovens, 04/26/2013

61J/544/DC, Proposal of the German National Committee for an amendment to IEC 60335-2-69, Edition 4.0:2012-02 - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use, 04/26/2013

61J/545/DC, Proposal of the German National Committee for an amendment to IEC 60335-2-69, Edition 4.0:2012-02 - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use, 04/26/2013

61J/546/DC, Proposal of the German National Committee for an amendment to IEC 60335-2-79, Edition 3.0:2012-02 - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, 04/26/2013

61J/547/DC, Proposal from the US National Committee to amend IEC 60335-2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use, 04/26/2013

62A/850/CDV, IEC 60601-1-12: Medical electrical equipment - Part 1 -12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment, 06/28/2013

62A/874/FDIS, Amendment 1 to IEC 60601-1-9: Medical electrical equipment - Part 1-9: General requirements for basic safety and essential performance - Collateral Standard: Requirements for environmentally conscious design, 05/24/2013

62B/906/CDV, IEC 61910-1: Medical electrical equipment - Radiation dose documentation - Part 1: Radiation dose structured reports for radiography and radioscopy, 06/28/2013

62D/1069/FDIS, IEC 60601-2-62: Medical electrical equipment - Part 2 -62: particular requirements for the basic safety and essential performance of high intensity therapeutic ultrasound (HITU) equipment, 05/24/2013

65E/288A/CD, IEC/TR 62453-41 Ed 2: Field Device Tool (FDT) Interface Specification - Part 41: Object model integration profile - Common object model, 04/26/2013

65E/289A/CD, IEC/TR 62453-42 Ed 1: Field Device Tool (FDT) Interface Specification - Part 42: Object model integration profile - Common Language Infrastructure, 04/26/2013

65E/297/NP, IEC 62264-4 Enterprise-Control System Integration ? Part 4: Objects and attributes for manufacturing operations management integration, 06/28/2013

65B/869/CD, IEC 60534-8-4 Ed. 3.0:Industrial-process control valves - Part 8-4: Noise considerations - Prediction of noise generated by hydrodynamic flow, 06/28/2013

86C/1114/CDV, IEC 61280-4-2/Ed2: Fibre-optic communication subsystem test procedures - Part 4-2: Installed cable plant- Single-mode attenuation and optical return loss measurement, 07/05/2013

86A/1513/FDIS, IEC 60794-2-20/Ed3: Optical fibre cables - Part 2-20: Indoor cables - Family specification for multi-fibre optical cables, 05/17/2013

86B/3567/CDV, IEC 61300-3-47/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-47: Examinations and measurements - Endface geometry of PC/APC spherically polished ferrules using interferometry, 06/21/2013

86B/3571/CDV, IEC 61753-041-2/Ed1: Fibre optic interconnecting devices and passive components - Performance standard - Part 041 -2: Non-connectorised single-mode OTDR reflecting device for category C - controlled environment, 06/21/2013

86B/3578/CDV, IEC 61754-30/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 30: Type CLIK connector series, 07/05/2013

86B/3610/CD, IEC 61300-2-37/Ed3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-37: Tests - Cable bending for fibre optic closures, 07/05/2013

4/282/NP, Hydraulic machines - Guide for Francis turbine pressure fluctuation transposition, from model to prototype, 06/21/2013

22/211A/DTS, IEC/TS 62578 Ed. 2: Power electronics systems and equipment - Operation conditions and characteristics of active infeed converter (AIC) applications including design recommendations for their emission values below 150 kHz, 06/28/2013

25/464/CD, IEC 60375 Ed. 3: Conventions Concerning Electrical and Magnetic Circuits, 06/21/2013

27/904/FDIS, IEC 60519-4 Ed.4: Safety in electroheating installations - Part 4: Particular requirements for arc furnace installations, 05/31/2013

29/797/CDV, IEC 60118-4: Electroacoustics - Hearing aids - Part 4: Induction loop systems for hearing aid purposes - System performance requirements, 07/05/2013

68/451/CD, IEC 60404-5 Ed.3: Magnetic materials - Part 5: Permanent magnet (magnetically hard) materials - Methods of measurement of magnetic properties, 08/02/2013

68/452/CD, IEC 60404-8-1 Ed. 3: Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials, 08/02/2013

79/409/CDV, IEC 60839-5-1 Ed.2: Alarm and electronic security systems - Part 5-1: Alarm transmission systems - General requirements, 07/05/2013

82/766/NP, Comparative testing of PV modules to differentiate performance in multiple climates and applications - Part 1: Over all test sequence and method of communication, 06/21/2013

82/768/CD, IEC 62804 Ed.1: System voltage durability qualification test for crystalline silicon modules, 06/28/2013

86/449/FDIS, IEC 62496-2-4/Ed1: Optical circuit boards - Basic test and measurement procedures - Part 2-4: Optical transmission test for optical circuit boards without input/output fibres, 05/31/2013

90/322/FDIS, IEC 61788-12: Superconductivity - Part 12: Matrix to superconductor volume ratio measurement - Copper to non-copper volume ratio of Nb3Sn composite superconducting wires, 05/24/2013

9/1774/CDV, IEC 62280 Ed.1: Railway applications - Communication, signalling and processing systems - Safety-related communication in transmission systems, 07/05/2013

9/1775/CDV, IEC 62580-1 Ed.1: Electronic railway equipment - On-board multimedia and telematic subsystems for railways - Part 1: General architecture, 07/05/2013

104/601A/CD, IEC 60068-2-60 Ed.3: Environmental testing - Part 2 -60: Tests - Test Ke: Flowing mixed gas corrosion test, 06/07/2013

104/610/FDIS, IEC 60721-2-1 Ed.2: Classification of environmental conditions - Part 2-1: Environmental conditions appearing in nature - Temperature and humidity, 05/31/2013

104/611/FDIS, IEC 60721-2-3 Ed.2: Classification of environmental conditions - Part 2-3: Environmental conditions appearing in nature - Air pressure, 05/31/2013

105/443/DTS, IEC 62282-7-2 TS Ed.1: Fuel cell technologies - Part 7 -2: Single cell/stack performance test methods for solid oxide fuel cells (SOFC), 06/28/2013

107/204/DTS, IEC 62647-21 TS Ed.1: Process management for avionics - Aerospace and defence electronic systems containing lead free solder - Part 21: Program management - Systems engineering guidelines for managing the transition to lead-free electronics, 06/21/2013

107/205/DTS, IEC 62647-22 TS Ed.1: Process management for avionics - Aerospace and defence electronic systems containing lead free solder - Part 22: Technical guidelines, 06/21/2013

107/206/DTS, IEC 62647-23 TS Ed.1: Process management for avionics - Aérospace and defence electronic systems containing lead-free solder - Part 23: Rework and repair guidance to address the implications of lead-free electronics and mixed assemblies, 07/05/2013

110/452/CDV, IEC 62715-6-1 Ed.1: Flexible display devices - Part 6-1: Mechanical stress test methods, 06/21/2013

110/464/FDIS, IEC 61747-40-1 Ed.1: Liquid crystal display devices - Part 40-1: Mechanical testing of display cover glass for mobile devices - Guidelines, 05/17/2013

20/1428/FDIS, Amendment 1 to IEC 61034-1: Measurement of smoke density of cables burning under defined conditions - Part 1: Test apparatus, 05/17/2013

20/1429/FDIS, Amendment 1 to IEC 61034-2: Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements, 05/17/2013

20/1433/CD, Amendment 1 to IEC 60332-1-1: Tests on electric and optical fibre cables under fire conditions - Part 1-1: Test for vertical flame propagation for a single insulated wire or cable - Apparatus, 05/17/2013

20/1434/CD, Amendment 1 to IEC 60332-1-2: Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame, 05/17/2013

20/1435/CD, Amendment 1 to IEC 60332-1-3: - Tests on electric and optical fibre cables under fire conditions - Part 1-3: Test for vertical flame propagation for a single insulated wire or cable - Procedure for determination of flaming droplets/particles, 05/17/2013

40/2192/CDV, IEC 60384-20 Ed.3: Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors, 07/05/2013

40/2193/CDV, IEC 60384-24 Ed.2: Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Surface mount fixed tantalum electrolytic capacitors with conductive polymer solid electrolyte, 07/05/2013

40/2194/CDV, IEC 60384-25 Ed.2: Fixed capacitors for use in electronic equipment - Part 25: Sectional specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte, 07/05/2013

40/2195/CDV, IEC 62391-1 Ed.2: Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification, 07/05/2013

40/2228/NP, Future IEC 60738-1-4xx: Thermistors - Directly heated positive step-function temperature coefficient - Part 1-4xx: Detail specification - Sensing application - Assessment level EZ thermistors, 06/28/2013

47/2159/CDV, IEC 60749-42 Ed.1: Temperature humidity storage, 06/21/2013

49/1051/CD, IEC 60679-1 Ed.4: Piezoelectric and associated material oscillators of assessed quality - Part 1: Generic specification, 05/31/2013

49/1053/NP, Measurement techniques for piezoelectric and associated material oscillators Part 4: Short-term frequency stability, 07/05/2013

56/1503/FDIS, IEC 62506/Ed1: Methods for product accelerated testing, 05/17/2013

56/1507/FDIS, IEC 62673/Ed1: Methodology for communication network dependability assessment and assurance, 05/24/2013

57/1319/CDV, IEC 62351-3 Ed.1: Power systems management nd associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP, 07/05/2013

57/1320/CDV, IEC 60870-6-503 Ed.3: Telecontrol equipment and systems - Part 6-503: Telecontrol protocols compatible with ISO standards and ITU-T recommendations - TASE.2 Services and protocol, 07/05/2013

57/1321/CDV, IEC 60870-6-702 Ed.2: Telecontrol equipment and systems - Part 6-702: Telecontrol protocols compatible with ISO standards and ITU-T recommendations - Functional profile for providing the TASE.2 application service in end systems, 07/05/2013

57/1322/CDV, IEC 60870-6-802 Ed.3: Telecontrol equipment and systems - Part 6-802: Telecontrol protocols compatible with ISO standards and ITU-T recommendations - TASE.2 Object models, 07/05/2013

57/1323/CDV, IEC 61968-8 Ed.1: Application integration at electric utilities - System interfaces for distribution management - Part 8: Interface standard for customer support, 07/05/2013

91/1089A/FDIS, IEC 61191-1 Ed.2: Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies, 04/26/2013

91/1091/FDIS, IEC 61191-2 Ed.2: Printed board assemblies - Part 2: Sectional specification - Requirements for surface mount soldered assemblies, 05/17/2013

91/1092/FDIS, IEC 62739-1 Ed.1: Test method for erosion of wave soldering equipment using molten lead-free solder alloy - Part 1: Erosion test method for metal materials without surface processing, 05/24/2013

100/2108/CDV, IEC 62753: Digital Terrestrial Television Receivers for the DTMB system (TA1), 06/21/2013

100/2111/CDV, IEC 62608-1/Ed.1: Multimedia home network configuration - Basic reference model - Part 1 - System model, 06/28/2013

100/2134/DTR, IEC/TR 62869/Ed.1: Activities and considerations related to Wireless Power Transfer (WPT) for audio, video and multimedia systems and equipment (TC 100), 05/17/2013

100/2135/CD, IEC 62087-3/Ed.1: Methods of measurement for the power consumption of audio, video and related equipment - Part 3 Television Sets (TA12), 05/24/2013

CABPUB/74/DTS, ISO/IEC DTS 17021-4, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 4: Competence requirements for auditing and certification of event sustainability management, 06/21/2013

C/1785A/DV, Draft IEC Guide 110 Edition 2, Home control systems - Guidelines relating to safety, 06/07/2013

CIS/A/1030/CD, Amendment 1 to CISPR/TR 16-4-5: Conversion factor for the CDNE for conducted disturbance measurements from 30 MHz to 300 MHz, 06/21/2013

Newly Published ISO Standards

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

ACOUSTICS (TC 43)

ISO/PAS 11819-4:2013, Acoustics - Method for measuring the influence of road surfaces on traffic noise - Part 4: SPB method using backing board, $80.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 7870-2:2013, Control charts - Part 2: Shewhart control charts, $172.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO 10121-2:2013, Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 2: Gas-phase air cleaning devices (GPACD), $164.00

DENTISTRY (TC 106)

ISO 6873:2013, Dentistry - Gypsum products, $120.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14065:2013, Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition, $142.00

HEALTH INFORMATICS (TC 215)

ISO 13120:2013, Health informatics - Syntax to represent the content of healthcare classification systems - Classification Markup Language (ClaML), $164.00

IMPLANTS FOR SURGERY (TC 150)

ISO 8637/Amd1:2013, - Amendment 1: Revision to Figure 2 - Main fitting dimensions of dialysis fluid inlet and outlet ports, $20.00

INDUSTRIAL FANS (TC 117)

ISO 12759/Amd1:2013, Fans - Efficiency classification for fans - Amendment 1, $20.00

ROAD VEHICLES (TC 22)

ISO 11451-4:2013, Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Bulk current injection (BCI), $70.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 29115:2013, Information technology - Security techniques - Entity authentication assurance framework, $164.00

ISO/IEC 23006-5:2013, Information technology - Multimedia service platform technologies - Part 5: Service aggregation, $192.00

ISO/IEC 29142-1:2013, Information technology - Print cartridge characterization - Part 1: General: terms, symbols, notations and cartridge characterization framework, $142.00

ISO/IEC 29142-2:2013, Information technology - Print cartridge characterization - Part 2: Cartridge characterization data reporting, $104.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

Digital Transmission License Administrator

Public Review: March 18, 2013 to June 12, 2013

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approvals of Reaccreditations

3-A Sanitary Standards, Inc.

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of 3-A Sanitary Standards, Inc., an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on 3-A-sponsored American National Standards, effective April 3, 2013. For additional information, please contact: Mr. Nate Wall, Director of Standards and Certification Programs, 3-A Sanitary Standards, Inc., 6888 Elm Street, Suite 2D, McLean, VA 22101-3829; phone: 703.790.0295; e-mail: nwall@3-a.org.

ASC B109 – Gas Displacement Meters

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee B109, Gas Displacement Meters under its recently revised operating procedures for documenting consensus on ASC B109-sponsored American National Standards, effective April 2, 2013. For additional information, please contact the Secretariat of ASC B109: Ms. Kimberly Denbow, Director, Engineering Services, American Gas Association, 400 North Capitol Street, NW, Washington, DC 20001; phone: 202.824.7334; e-mail: kdenbow@aga.org.

American Nursery & Landscape Association (ANLA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Nursery & Landscape Association (ANLA), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ANLA-sponsored American National Standards, effective March 29, 2013. For additional information, please contact: Warren A. Quinn, Esq., CAE, Vice-President for Operations, American Nursery & Landscape Association, 1200 G Street, NW, Suite 800, Washington, DC 20005; phone: 410.382.5569; e-mail: wquinn@anla.org.

Association of Millwork Distributors (AMD)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Association of Millwork Distributors (AMD), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on AMD-sponsored American National Standards, effective March 29, 2013. For additional information, please contact: Ms. Jessica Ferris, Director of Codes & Standards, Association of Millwork Distributors, 10047 Robert Trent Jones Parkway, New Port Richey, FL 34655; phone: 727.372.3665; e-mail: jferris@amdweb.com.

Telecommunications Industry Association (TIA)

ANSI's Executive Standards Council has approved the reaccreditation of the Telecommunications Industry Association (TIA), an ANSI Organizational Member, under its recently revised TIA Engineering Manual for documenting consensus on TIA-sponsored American National Standards, effective March 27, 2013. For additional information, please contact: Mr. Herb V. Congdon II, PE, Associate Vice-President, Technology & Standards Development, Telecommunications Industry Association, 1320 North Courthouse Road, Suite 200, Arlington, VA 22201; phone: 703.907.7703; e-mail: HCongdon@tiaonline.org.

Reaccreditation

Society for Standards Professionals (SES)

Comment Deadline: May 6, 2013

The Society for Standards Professionals (SES), an ANSI organizational member, has submitted revisions to its currently accredited operating procedures on file for documenting consensus on SES-sponsored American National Standards, under which it was last reaccredited in 2003. As the 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: Joseph Bocchiaro III, PhD., CStd, CTS-D, CTS-I, ISF-C, Vice-President of Standards and Industry Innovations, InfoComm International, 11242 Waples Mill Road, Suite 200, Fairfax, VA 22030; phone: 703.279.6370; e-mail: jbocchiaro@infocomm.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised procedures to SES by May 6, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: jthompso@ansi.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extension

ACB, Inc.

Comment Deadline: May 6, 2013

Ms. Susan Holman
Financial & HR Manager/Quality Assurance Rep.
ACB, Inc.
6731 Whittier Avenue, Suite C110
McLean, VA 22101
Tel: 703-847-4700
Fax: 703-847-6888
E-mail: susan@acbcert.com
Web: www.ACBcert.com

On April 4, 2013, ACB, Inc., an ANSI-accredited certification body, extended its scope of ANSI accreditation to include the following:

B. Japan MIC Radio Law

B2. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law

B3. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

Please send your comments by May 6, 2013 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, Sr. 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

ANSI-ASQ National Accreditation Board

ISO 9001 Quality Management Systems

Notice of Accreditation

Certification Body

ASR Co., Ltd.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ISO 9001 Quality Management Systems:

Hiroko Doi
ASR Co., Ltd.
2-7 Nihonbashi Odenmacho Chuo-ku
Tokyo 103-0011 Japan
Phone: 81-(0)3-3720-8753
E-mail: hrdoi@armsr.co.jp
Web: www.armsr.co.jp

ISO 14001 Environmental Management Systems

Notice of Accreditation

Certification Body

ASR Co., Ltd.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ISO 14001 Envrionmental Management Systems:

Hiroko Doi
ASR Co., Ltd.
2-7 Nihonbashi Odenmacho Chuo-ku
Tokyo 103-0011 Japan
Phone: 81-(0)3-3720-8753
E-mail: hrdoi@armsr.co.jp
Web: www.armsr.co.jp

ISO 50001 Energy Management Systems

Notice of Accreditation

Certification Body

SGS Systems and Services Certification, a Division of SGS North America Inc.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ISO 50001 Energy Management Systems:

Zachary Pivarnik
SGS Systems and Services Certification, a Division of SGS North America Inc.
Meadows Office Complex
201 Route 17
North Rutherford, NJ 07070
Phone: 201-456-3221
E-mail: zachary.pivarnik@sgs.com
Web: www.sgs.com

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 146/SC 5 Meteorology

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 146/SC 5 (Meteorology). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 146/SC 5 to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.

ISO/TC 146/SC 5 operates under the following scope:

> *Standardization of tools for air quality characterisation of emissions, workspace air, ambient air, indoor air, in particular measurement methods for air pollutants (particles, gases, odours, micro-organisms) and for meteorological parameters, measurement planning, procedures for Quality Assurance/Quality Control (QA/QC) and methods for the evaluation of results including the determination of uncertainty.*
>
> *Excluded :*
>
> ◦*the establishment of limit values for air pollutants;*
> ◦*the air quality in clean rooms;*
> ◦*radioactive substances.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 146/SC 5. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept 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/TC 146/SC 5 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 Organization for Standardization (ISO)

New Work Item

Occupational Health and Safety Management Systems – Requirements

Comment Deadline: April 26, 2013

BSI (United Kingdom) has submitted to ISO the attached new work item proposal on Occupational Health and Safety Management Systems – Requirements, with the following scope statement:

> This International Standard specifies requirements for an occupational health and safety (OH&S) management system, to enable an organization to control its OH&S risks and improve its OH&S performance. It does not state specific OH&S performance criteria, nor does it give detailed specifications for the design of a management system.
>
> This International Standard is applicable to any organization that wishes to:
> a) establish an OH&S management system to eliminate or minimize risks to personnel and other interested parties who could be exposed to OH&S hazards associated with its activities;
> b) implement, maintain and continually improve an OH&S management system;
> c) assure itself of its conformity with its stated OH&S policy;
> d) demonstrate conformity with this International Standard.
>
> All the requirements in this International Standard are intended to be incorporated into any OH&S management system. The extent of the application will depend on such factors as the OH&S policy of the organization, the nature of its activities and the risks and complexity of its operations.
>
> This International Standard is intended to address occupational health and safety management systems, and is not intended to address other health and safety areas such as employee wellbeing/wellness programs, product safety, property damage or environmental impacts.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 26, 2013.

DRAFT: 11 March 2013

PTC 55 – 20XX

Gas Turbine Aircraft Engines

Performance Test Code

1-3 Typical Overall Performance Uncertainty

Test uncertainty is an estimate of the limit of error of a test's result. It is the interval about a result that contains the true value within a given probability, or level of confidence. It is based on calculations utilizing statistics, instrumentation information, calculation procedure, and actual test data. PTC 19.1 is the Performance Test Code Supplement that covers general procedures for calculation of test uncertainty. Performance Test Codes maintain a 95% level of confidence for which uncertainty is calculated as their standard. This confidence level therefore represents a 95% chance that the uncertainty interval contains the true value. An uncertainty analysis shall be performed prior to the test. The overall test uncertainty will vary because of the differences in the amount and type of instrumentation, test equipment, inlet pressure and temperature, loads, and the engine's configuration. ~~The parties to the test shall determine and agree to the required overall test uncertainty limits based on the pre-test uncertainty analysis. This code provides typical limits for the uncertainty of each measurement required. Typical overall uncertainties are presented for two typical configurations below in Table 1-3-1:~~

Table 1-3-1 Overall Uncertainty

	~~Thrust~~	~~Power~~	~~Specific Fuel Consumption~~	~~Corrected Inlet Flow~~	~~High Pressure Turbine Rotor Inlet Temperature~~
~~Turbojet and/or Turbofan~~	~~0.5%~~	~~NA~~	~~0.6%~~	~~0.5%~~	~~1%~~
~~Turboshaft and/or Turboprop~~	~~NA~~	~~0.5%~~	~~0.6%~~	~~0.5%~~	~~1%~~

~~Significant deviations from the typical uncertainty--in either direction--indicates that something is amiss. For example, if a "typical test uncertainty" of 1.0% were reported, then the committee would not expect a valid test with an uncertainty of larger than 1.2%; likewise, a calculated post-test uncertainty of less than 0.8% is unlikely.~~

This code provides a range of test uncertainties since there can be significant variation in some of the results depending on whether the test is run in a cell or in an

outdoor facility. Table 1-3.1 shows these typical ranges. The parties shall determine and agree on the overall test uncertainty limit, based on the engine type and test configuration, and the pretest uncertainty analysis.

Table 1-3-1 Overall Uncertainty

Table 1-3-1 Typical Range of Overall Uncertainty in Corrected Results					
	Thrust	Power	Specific Fuel Consumption	Engine Inlet Airflow	High Pressure Turbine Rotor Inlet Absolute Temperature
Turbojet and/or Turbofan	0.7 - 2.0 %	NA	0.6% - 2.2 %	0.5% - 0.6%	1%- 1.2 %
Turboshaft and/or Turboprop	NA	0.5%- .6%	0.6% - 0.8 %	0.5%- 0.6%	1%- 1.2 %

GENERAL NOTE: The values in this table are a percentage of measured and/or calculated value.

A post-test uncertainty analysis ~~should~~ shall be performed to assure the parties that the actual test has met the objectives of the test.

3-2.4 Pretest Predictions

Test planning should include pretest predictions for the tested engine ~~Based~~ based on test measurements, data analysis and should be clearly linked to the specific ~~research~~ objectives ~~and exit criteria~~. The test plan should show this clear linkage between predictions, instrumentation, test series/points, test conditions, and post-~~-~~test analysis. Pretest performance predictions should cover all key test points. Secondary flow analysis should be conducted for all key test points and should cover the range of inlet conditions

4-5.1.4.1 Sensible Heat—Liquid Fuel.

The specific enthalpy of liquid fuel is defined in D.W. Goulds' equation from *The Science of Petroleum* – Vol. 2, page 1250[1], and reads as follows:

[1] This was published in the 1930's and now out of print

TABLE 7-5-1

MAXIMUM PERMISSIBLE OVERALL UNCERTAINTY AT TEST CONDITIONS

Variable	Maximum Permissible Overall Uncertainty
Calculated Thrust and/or Shaft power (as applicable)	±0.8%
Load Cells	±0.5%
Torque	±1.5%
Rotating speed(s)	±0.05%
Reference or Barometric pressure at site	±0.067%
Inlet air temperature	±2°F (±1 °C)
Fuel lower heating value	±0.4~~25~~%
Fuel temperature	±2°F (±1 °C)
Fuel flow	±0.5%
Engine inlet pressure	±0.5%
Engine exhaust pressure	±0.5%

GENERAL NOTES:

(a) Refer to Table E-1 in Nonmandatory Appendix E.

(b) Use average of multiple instruments if used for any station observation

APPENDIX E - UNCERTAINTY ANALYSIS CALCULATIONS

Measurement uncertainty is a combination of bias (systematic) and precision (random) errors defined as:

$$U = 2\sqrt{\left(\frac{B}{2}\right)^2 + (s)^2}$$

In this equation, U is the uncertainty of either measured or calculated parameters, ~~b~~ B is the systematic (bias) limit, s is the sample standard deviation, and t_{95} is the 95th percentile point for the two-tailed Student's "t" distribution, which is assumed to equal 2.0 for sample sizes greater than 30.

3.30
incendive circuit
a circuit, in which any arc or thermal effect produced under normal operating conditions, is capable of igniting the flammable gas-, vapor-, dust-air mixture, fibers or flyings.

4 General requirements

Requirements for equipment intended to be used in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations are established on the basis that the equipment in its normal operating condition is not capable of causing ignition of a specified flammable gas, vapor-in-air mixture, dust, fibers, or flyings. The tolerances associated with the components of the equipment shall be considered. Subsequent arcs or thermal effects within the equipment, resulting from opening, shorting, or grounding of nonincendive field wiring, shall be taken into consideration as they affect the suitability of the equipment for use in Division 2 locations. Equipment also shall comply with the unclassified location requirements for the particular category of equipment except as specifically amended herein (see Annex B).

5 Requirements for Class I, Division 2 equipment

5.1 Protection shall be provided according to 5.1.1 and 5.1.2 to ensure that under normal operating conditions such equipment is not capable of igniting the specified flammable gas or vapor-in-air mixture.

5.1.1 Each make/break component shall be either

a) a normally nonarcing component that meets the requirements of Clause 8;

b) used in a nonincendive circuit that meets the requirements of Clause 7;

c) a nonincendive component that meets the requirements of Clause 12; or

d) a sealed device that meets the requirements of Clause 13.

5.1.2 Equipment shall comply with the thermal ignition requirements of Clause 10.

5.2 Enclosures shall provide a suitable degree of protection against deterioration of the equipment that would adversely affect its suitability for use in Class I, Division 2 locations.

NOTE Although general-purpose enclosures normally will suffice, particular attention should be given to the possible need for weatherproofing, general protection from corrosion (for further information see ANSI/UL 50 or ANSI/NEMA 250, Enclosures for Electrical Equipment) and to preventive maintenance .

5.3 Fuses used in circuits that are subject to overloading in normal use shall be of a type suitable for use in Division 2 locations or housed in an enclosure suitable for Division 1 locations, unless:

a) the operating element is immersed in oil;

b) the operating element is enclosed within a chamber hermetically sealed against the entrance of gases and vapors; or

c) the fuse is a nonindicating, filled, current-limiting type.

NOTE 1 Examples of circuits that are subject to overloading in normal use include ~~This subclause precludes a fuse housed in a general-purpose enclosure from being used in~~ a motor circuit where a possibility of a stalled motor opening the fuse exists, or where there is the possibility of an overload not caused by a fault in the circuit. See 501.115(B)(3) of NFPA 70:2011 (NEC) for additional explanatory content.

NOTE 2 The material characteristics of the oil, and the depth to which the operating element of the fuse is immersed within the oil, is not controlled by this requirement.

5.4 If a ~~replaceable fuse is provided~~ fuse can be replaced from outside of the enclosure without the use of a tool, a switch suitable for the location where it is installed shall also be provided to remove power from the fuse. The switch need not be integral to the equipment if the equipment installation instructions indicate the need for such a switch.

NOTE A typical construction to which this requirement applies is a fuseholder mounted through the wall of an enclosure with a threaded cap external to the enclosure and removable without the use of a tool. See 501.105(B)(5) of NFPA 70:2011 (NEC) for additional explanatory content.

5.5 A circuit breaker that may be used as a switch shall be of a type suitable for use in Division 2 locations or alternatively protected for use in Division 1 locations.

6 Requirements for Class II, Division 2, Class III, Divisions 1 and 2 equipment

6.1 Equipment for Class II, Division 2 or Class III locations shall be protected by one of the following:

a) the use of a sealed device that meets the requirements of Clause 13.

b) the use of an enclosure that meets the requirements of Clause 14.

c) the use of an enclosure that meets the dusttight requirements of ANSI/UL 50 and ANSI/UL 50E for equipment applications in which the gaskets and seals upon which the type of protection depends are not exposed to a service temperature greater than 60 °C.

d) the use of an enclosure that meets the requirements of Type 4, Type 4X, Type 6 or Type 6P of ANSI/UL 50 and ANSI/UL 50E for equipment applications in which the gaskets and seals upon which the type of protection depends are not exposed to a service temperature greater than 60 °C.

e) a nonincendive circuit meeting the requirements of Clause 7, with consideration for possible ignition in accordance with 7.2 including the shorting of any components and traces due to the entrance or accumulation of dust, and this entrance or accumulation of dust shall not result in ignition or charring of the dust due to the temperature of any part or parts that could be exposed to the dust~~due to the ingress of dust or by a combination of these methods~~.

EXCEPTION: Portable battery-powered equipment marked for use in Class II Group G or Class III only need not have all electrical components and wiring enclosed, nor have the shorting of any components and traces introduced, provided both the following conditions are met:

a) Entrance or accumulation of dust does not result in ignition or charring of the dust due to the temperature of any part or parts that could be exposed to the dust.

b) Circuits with make/break components shall be determined to be nonincendive with a propane-air mixture in accordance with the spark-ignition test (see 11.1 through 11.5, or 7.1).

NOTE When using an enclosure as noted above that meets the dusttight requirements of ANSI/UL 50 and ANSI/UL 50E, or that meets the Type 4, Type 4X, Type 6 or Type 6P requirements of ANSI/UL 50 and ANSI/UL 50E, the intent of the impact test in 15.3 is addressed by the impact testing required by ANSI/UL 50 and ANSI/UL 50E.

7 Nonincendive circuits and nonincendive field wiring

7.1 Either of the following two methods may be employed to determine that a circuit(s) or field wiring is nonincendive:

a) Testing the circuit according to Clause 11

b) Comparing the maximum calculated or measured values of current, voltage, and associated inductances and capacitances to the appropriate values in Figures 1 through 8 to establish that the current and voltage levels are below those specified in 7.3; for Class II and III locations the curves for propane are to be used.

NOTE Short term voltage excursions that occur when connecting photovoltaic modules or panels are not considered to create a significant risk of ignition in Division 2 hazardous (classified) locations due to the relatively short duration of the event.

7.2 When evaluating a circuit as nonincendive, the following ignition sources shall be considered:

a) Discharge of capacitive circuits

b) Interruption of inductive circuits

c) Intermittent making and breaking of resistive circuits

d) opening or grounding of any one or shorting of any two of the nonincendive field-wiring conductors

7.3 The maximum voltage and current levels (d.c. or a.c. peak) in circuits determined to be nonincendive by the comparison method, for given circuit constants, shall be less than

a) the current from Figures 1 through 6; and

b) the voltage from Figures 7 and 8.

The maximum normal output voltage and the maximum short-circuit current shall be determined under the worst-case normal operation.

NOTE 1 Figures 1 and 2 apply only to circuits whose output voltage/current characteristic is a straight line drawn between open-circuit voltage and short-circuit current. Circuits with nonlinear outputs are subject to special investigation.

NOTE 2 The output of photovoltaic modules should be considered as nonlinear, and special investigation should be done using the parameters for voltage at maximum power and current at maximum power.

7.4 For evaluating associated nonincendive field wiring apparatus, use the maximum output voltage (V_{oc}), and maximum output current (I_{sc}) with the applicable ignition Figures 1 to 8 to determine the maximum external capacitance (C_a) and maximum external inductance (L_a).

7.5 For evaluating nonincendive field wiring apparatus, determine the maximum internal capacitance (C_i) and maximum internal inductance (L_i). These parameters shall be below the limits shown in Figures 1 to 8 based on the maximum input voltage (V_{max}) and the maximum input current (I_{max}) of the nonincendive field wiring apparatus.

7.6 For nonincendive field wiring circuit evaluations the maximum input voltage (V_{max}) of the nonincendive field wiring apparatus shall be equal to or greater than the maximum output voltage (V_{oc}) of the associated nonincendive field wiring apparatus. Additionally, the maximum input current (I_{max}) of the nonincendive field wiring apparatus shall be equal to or greater than the maximum output current (I_{sc}) of the associated nonincendive field wiring apparatus.

EXCEPTION: For nonincendive field wiring apparatus that controls its own operating current, the maximum input current (I_{max}) of the nonincendive field wiring apparatus need not correspond to the maximum output current (I_{sc}) of the associated nonincendive field wiring apparatus (e.g., 4-20 mA measurement and control devices). Likewise, the maximum input voltage (V_{max}) of nonincendive field wiring apparatus that controls its own normal operating voltage need not be greater than the maximum output voltage (V_{oc}) of the associated nonincendive field wiring apparatus (e.g., current to pressure valve controllers that are voltage clamped at the terminals). Details of the permitted connections shall be provided on a control drawing.

7.7 Nonincendive field wiring enables interconnection of nonincendive field wiring apparatus with associated nonincendive field wiring apparatus not specifically examined in combination as a system when one of the following conditions is true:

a) Normal operating voltage or current not controlled by the nonincendive field wiring apparatus

$V_{max} \geq V_{oc}$; $I_{max} \geq I_{sc}$; $C_a \geq C_i + C_{cable}$; $L_a \geq L_i + L_{cable}$

8.8 External plugs and sockets for field wiring connections in incendive circuits either,

- between one piece of electrical equipment and another piece of electrical equipment (by means of a cable or cord assembly involving plugs & sockets on both ends or a plug & socket on one end and un-terminated cable or cord on the other), or
- between premises wiring and a piece of electrical equipment (by means of a cable or cord assembly involving a socket on the equipment end and un-terminated cable or cord on the premises wiring end),

shall be protected against unintentional separation as follows:

a) a means shall be provided to mechanically secure the plug or socket that is part of the equipment, to the mating plug or socket that is part of the intended cable assembly, as follows:

   1) separation shall be possible only with the aid of a tool;

   2) when not secured, the means shall be captive to the equipment or the cable assembly; and

   3) Warning marking that reads, "WARNING – DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED", or equivalent, shall be provided such that it is likely to be readily visible after installation. The warning marking may be on the securement means or the plug / socket portion of the cable assembly. It may be necessary to provide more than one warning marking to assure ready visibility.

b) the equipment installation instructions shall identify the intended cable assembly and repeat the warning that reads, "WARNING – DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED", or equivalent; and

c) when separated, the part which remains energized shall be a socket outlet.

8.8.1 The plugs and sockets shall be capable of being connected using one of the following wiring methods:

a) extra-hard usage cord;

b) instrumentation tray cable (Type ITC) for applications operating at 150 volts or less and 5 amperes or less; or

c) power-limited tray cable (Type PLTC) for applications supplied by a Class 2 or Class 3 power source.

NOTE See the following Code references for additional details on these wiring methods: *Extra-hard usage cord per Article 400 of the National Electrical Code, Instrumentation tray cable (Type ITC) per Article 727 of the National Electrical Code and Power-limited tray cable (Type PLTC) per Article 725 of the National Electrical Code.*

8.8.2 Cable assemblies and the associated separate plugs and sockets shall be in accordance with UL 2238, *"Cable Assemblies and Fittings for Industrial Control and Signal Distribution",* or UL 2237, "*Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery".*

8.8.3 Provision shall be made for the fixed part of a plug and socket connector to maintain the degree of protection of the enclosure on which it is mounted, even when the movable part has been removed. If the degree of protection is effectively reduced by accumulation of dust or water, provision shall also be made for maintaining an appropriate degree of ingress protection for the plug and/or socket.

13.2 Except as permitted in 13.1.1, the free internal volume of the device shall be less than 100 cm^3.

13.3 Resilient gasket seals or poured seals shall be arranged so that they are not subject to mechanical damage during normal operational conditions and shall retain their sealing properties for the intended conditions of use.

13.3.1 Sealing and encapsulating material shall have softening or melting points at least equal to ~~20K higher than~~ the maximum service temperature of the material achieved during the tests specified in this standard.

13.4 A sealed device shall have structural integrity and shall be constructed of materials suitable for the intended environment with full consideration for anticipated atmospheric contaminants and corrosive compounds. The enclosure shall be sufficiently rugged to withstand normal handling and assembly operations without damage to any seals provided.

13.5 To ensure that damage affecting safety of operation will not occur during normal operational conditions of the sealed device, three samples shall be preconditioned by oven aging according to 13.5.1 and subjected to an air leakage test according to 13.5.2.

EXCEPTION: Sealing and encapsulating material with a softening or melting at least 20K higher than the maximum service temperature achieved during the tests specified in this standard and at least 80 °C, do not need to be preconditioned by oven aging according to 13.5.1 or 13.5.3 prior to the air leakage test according to 13.5.2.

13.5.1 Oven aging

If the device contains a gasket or seal of elastomeric or thermoplastic material or a composition gasket utilizing an elastomeric material, each sample shall be subjected to temperature aging in a circulating air oven in accordance with the following formula:

$$t = 2685e^{-(0.0693)(T-T1)}$$

where

t = the test time in hours

e = 2.7183

T = the aging temperature in °C

T1 = the maximum service ~~rated operating~~ temperature in °C (40°C minimum)

13.5.2 Air leakage test

Each of the samples shall pass one of the following tests:

a) At an initial temperature of 25°C the test samples shall be immersed in water at a temperature of 50°C to a minimum depth of 25 mm for a minimum of 1 minute. If no bubbles emerge from the samples during this test, they are considered to be "sealed" for the purpose of this standard.

b) The test sample shall be immersed to a minimum depth of 75 mm in water contained in an enclosure that can be partially evacuated. The air pressure within the enclosure shall then be reduced by 120 mm of mercury. If no visible bubbles emerge from the samples during this test, samples are considered to be sealed for the purpose of this standard.

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5.7.1 Solid wall pipe with optional inner or outer polymeric layer

Method A:

- Three (3) data points at one hoop stress level at one of the ~~highest~~ temperature conditions as for the original data set;
- Two (2) data points at a second hoop stress level at least 80 psi lower than the first stress level and at the same ~~highest~~ temperature conditions as for the first stress level ~~original data set~~;
- The 95% lower prediction limit (LPL) shall be calculated for the original material data at these temperatures/stress conditions;
- All five (5) data points (failure times) shall meet or exceed the LPL for that condition; and
- The five (5) data points shall be added to the original data set and all parameters in section 13 of the ASTM F2023 shall be calculated. The new values shall comply with the requirements of ASTM F876.

Method B:

Other sets of data, using at least 2 of the same temperatures as the original data set and meeting the following requirements:

- Minimum of 2 data points per temperature/hoop stress combination;
- Minimum of 3 temperature/hoop stress combinations;
- One hoop stress level shall be at least 80 psi different than the others;
- The 95% lower prediction limit (LPL) shall be calculated for the original material data at these conditions;
- All data points (failure times) shall meet or exceed the LPL for their respective conditions; and
- All data points shall be added to the original data set and all parameters in Section 13 of ASTM F2023 shall be calculated. The new values shall comply with the requirements of ASTM F876;

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BSR/UL 746C

The following topics for the Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, are being recirculated:

1. Conditioning After UV Exposure

For your convenience in review, proposed additions to the previously proposed requirements dated (2012-07-13) are shown underlined and proposed deletions are shown ~~lined-out~~.

PROPOSAL

57.2.2 Two sets of specimens are to be exposed. For twin enclosed carbon-arc, one set is to be exposed for a total of 360 hours and the second set for a total of 720 hours. For xenon-arc, one set is to be exposed for a total of 500 hours and the second set for a total of 1000 hours. After the test exposure, the specimens are to be removed from the test apparatus, examined for signs of deterioration such as crazing or cracking, and retained under conditions of ambient room temperature and atmospheric pressure for not less than 16 hours, nor more than ~~168 hours~~ 30 days, before being subjected to flammability and physical tests. For comparative purposes, specimens that have not been exposed to ultraviolet light and water are to be subjected to these tests at the same time that the final exposed specimens are tested.

BSR/UL 1004-1, Standard for Rotating Electrical Machines - General Requirements

1. Revision to the testing requirements for motor switches

PROPOSAL

27.1 A start switch or auxiliary switch integral to or provided with a motor shall operate as required for the intended application, shall have a rating suitable for the load to be controlled, shall comply with the requirements of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, as an operating control, and shall successfully complete 100,000 cycles of endurance as part of the UL 60730-1 test program.

Exception No. 1: This requirement does not apply to a start switch used in a thermally protected motor.

Exception No. 2: If there is no potential risk of fire or electric shock caused by a start switch that experiences a single-fault failure in either the open or shorted condition, then this requirement does not apply to that switch.

Exception No. 3: Switches where the switching function is accomplished by means of a semiconductor junction and does not involve any mechanical or eletromechanical action are ~~not~~ required to undergo ~~100,000~~ 100 cycles of endurance instead of 100,000 cycles.

BSR/UL 2250, Standard for Safety for Instrumentation Tray Cable

1. Addition of Wire Armor and Metal Braid to Metal Covering Options

17.1.1 Wire armor, ~~I~~interlocked metal armor, or a continuous metal sheath is acceptable over the jacket on any cable. See tests in Crushing Test for Cable Marked for Direct Burial, Section 30, Tension Test of Interlocked Steel or Aluminum Armor, Section 37, and Flexibility Test for Cable Having Interlocked Armor or a Smooth or Corrugated Metal Sheath, Section 38. Any metal covering that is provided shall be as follows:

a) A smooth metal sheath shall comply with 17.1.2 and 17.2.1 - 17.2.3.

b) A welded and corrugated metal sheath shall comply with 17.1.2, 17.1.3, 17.3.1, and 17.3.2.

c) An extruded and corrugated metal sheath shall comply with 17.1.2, 17.1.3, 17.4.1, and 17.4.2.

d) Interlocked metal armor shall comply with 17.1.2 and 17.5.1 - 17.5.9.

e) Wire armor shall be applied over a jacket that complies with, Section 16 and shall be covered with an overall jacket that complies with Section 18.

18.1 A jacket is required over a metal covering that is on any cable intended for direct burial or over wire armor. A jacket is not required over a metal covering on other cable. Any jacket over a metal covering shall comply with Overall Jacket, Section 16. The thicknesses shall be in accordance with Tables 16.3 and 18.1. The same calculated core diameter that is used in determining the thickness of the required cable jacket, in Tables 16.2 and 16.3, is to be used in determining the thickness required for an over-metal jacket - that is, an over-metal jacket need not be thicker than a cable jacket that is not over a metal covering.