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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: June 9, 2013

NSF (NSF International)

Revision

BSR/NSF 46-201x (i21r2), Evaluation of components and devices used in wastewater treatment systems (revision of ANSI/NSF 46-2012 (i21))

This Standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater or both. Management methods for the end-products of these components and devices are not addressed in this Standard. This Standard shall in no way restrict new system designs, provided that such designs meet the minimum specifications described in this standard.

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

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

NSF (NSF International)

Revision

BSR/NSF 330-201x (i3), Glossary of drinking water treatment unit terminology (revision of ANSI/NSF 330-2009)

Definitions covered by this Standard consist of terminology related to drinking water treatment units including terms describing materials, design, construction, and performance testing. This Standard includes definitions of terms used in NSF Drinking Water Treatment Unit Standards.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 153-201X, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2013a)

The following changes in requirements to the Standard for Portable Electric Luminaires, UL 153, are being proposed: (1) Revise cord length requirement for stake-mounted portable luminaires; and (2) Revise power supply cord routing for portable cabinet lights.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 448A-201x, Standard for Flexible Couplings and Connecting Shafts for Stationary Fire Pumps (revision of ANSI/UL 448A-2008)

The following changes for UL 448A are being proposed: (1) Clarify and update requirements related to the construction, performance testing and marking of flexible couplings and connecting shafts.

[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 486C-201x, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2013)

The following topics are being proposed: (1) Testing with uninsulated conductors; and (2) Test conductor insulation - aluminum.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 486A-486B-201x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2013)

The following topics are being proposed: (1) Testing with uninsulated conductors; and (2) Test conductor insulation - aluminum.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

Comment Deadline: June 24, 2013

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI RD47-2008 (R201x), Reprocessing of hemodialyzers (reaffirmation of ANSI/AAMI RD47-2008)

Describes the essential elements of good practice for reprocessing hemodialyzers to help ensure device safety and effectiveness. These practices embrace considerations of the device and the patient, as well as attention to equipment, facilities, cleaning and disinfection methods, labeling, preparation for multiple use, and quality control of the reuse process. Does not endorse either single use or reuse of dialyzers.

Single copy price: \$60.00 (AAMI members)/\$120.00 (List) [Hardcopy or PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; (phone) 1-877-249-8226; (fax) 1-301-206-9789

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253-8263, CBernier@aami.org

ACCA (Air Conditioning Contractors of America)

Revision

BSR/ACCA 3 Manual S-200x, Residential Equipment Selection (revision of ANSI/ACCA 3 Manual S-2004)

This is a comprehensive standard for properly selecting heating and cooling equipment. This revised standard establishes the procedures to be used to select and size residential cooling equipment, furnaces and heat pumps. This standard includes the explanation of why "certification ratings" should not be used for selecting equipment.

Single copy price: Free @ <http://www.acca.org/ansi>

Obtain an electronic copy from: www.acca.org/ansi

Send comments (with copy to psa@ansi.org) to: Dick Shaw: standards-sec@acca.org

ADA (American Dental Association)***New National Adoption***

BSR/ADA Standard No. 130-201x, Dentifrices - Requirements, Test methods and Marking (identical national adoption of ISO 27020:2010)

This standard specifies requirements for the physical and chemical properties of dentifrices and provides guidelines for suitable test methods. It also specifies requirements for the marking, labeling and packaging of dentifrices. This Standard applies to dentifrices, including toothpastes, destined to be used by the public on a daily basis with a toothbrush to promote oral hygiene.

Single copy price: \$114.00

Obtain an electronic copy from: standards@ada.org

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

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

ADA (American Dental Association)***Reaffirmation***

BSR/ADA Standard No. 53-2008 (R201x), Polymer-Based Crown and Bridge Materials (reaffirmation and redesignation of ANSI/ADA Specification No. 53-2008)

This standard classifies polymer-based dental crown and bridge materials and specifies their requirements. It also specifies the test methods to be used to determine compliance with these requirements. It is applicable to polymer-based dental crown and bridge materials for laboratory-fabricated permanent facings or anterior crowns that may or may not be attached to a metal substructure. It also applies to polymer-based dental crown and bridge materials for which the manufacturer claims adhesion to the metal substructure without macromechanical retention such as beads or wires.

Single copy price: \$97.00

Obtain an electronic copy from: standards@ada.org

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

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

ADA (American Dental Association)***Revision***

BSR/ADA Standard No. 63-201x, Root Canal Barbed Broaches and Rasps (revision of ADA Specification No. 63-201x)

This standard specifies requirements and test methods for root canal instruments for hand use utilized in endodontic preparation.

Single copy price: \$52.00

Obtain an electronic copy from: standards@ada.org

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

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

ADA (American Dental Association)***Revision***

BSR/ADA Standard No. 78-201x, Dental Obturating Cones (revision of ADA Specification No. 78-201x)

This standard specifies the dimensions and requirements for prefabricated metallic or polymeric-based cones suitable for use in the obturation of a root canal system restoration. It also specifies numerical systems and color-coding system for designating sizes.

Single copy price: \$85.00

Obtain an electronic copy from: standards@ada.org

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

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

ADA (American Dental Association)***Revision***

BSR/ADA Standard No. 95-201x, Root Canal Enlargers (revision of ANSI/ADA Specification No. 95-2003 (R2009))

This standard is for root canal instruments used mechanically to access and enlarge canals. This document specifies requirements for size, product designation, safety considerations, marking, and their labeling and packaging.

Single copy price: \$37.00

Obtain an electronic copy from: standards@ada.org

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

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

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

BSR GPTC Z380.1-2012 TR04-46-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under 192.929 regarding pipe transportation. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

BSR GPTC Z380.1-2012 TR10-12-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under 192.1013 regarding deviation from periodic inspections. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

BSR GPTC Z380.1-2012 TR11-40-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under 192.235 regarding welding alignment. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

BSR GPTC Z380.1-2012 TR12-03-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under 192.605 regarding abnormal operations. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

BSR GPTC Z380.1-2012 TR12-17-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under 192.605, 192.615, and Appendix GMA G-192-1 regarding post-accident testing. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

BSR GPTC Z380.1-2012 TR12-36-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2012)

Revised guidance under the preface regarding state damage prevention provisions. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

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

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

Revised guidance under 192.706 and 192.709 regarding leak surveys. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 & 192.

Single copy price: Free

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

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

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

AIIM (Association for Information and Image Management)**Reaffirmation**

BSR/AIIM/CGATS/ISO 19005-1-2005 (R201x), Document Management - Electronic Document File Format for Long-Term Preservation - Part 1: Use of PDF 1.4 (PDF/A-1) (reaffirmation of ANSI/AIIM/CGATS/ISO 19005-1-2005)

This part of ANSI/CGATS/AIIM/ISO 19005 specifies how to use the Portable Document Format (PDF) 1.4 for long-term preservation of electronic documents. It is applicable to documents containing combinations of character, raster, and vector data. This part of ANSI/CGATS/AIIM/ISO 19005 does not apply to:

- specific processes for converting paper or electronic documents to the PDF/A format;
- specific technical design, user interface, implementation, or operational details of rendering;
- specific physical methods of storing these documents such as media and storage conditions; and
- required computer hardware and/or operating systems.

Single copy price: \$92.00

Obtain an electronic copy from: bfanning@aiim.org

Order from: Betsy Fanning, (301) 755-2682, bfanning@aiim.org

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

API (American Petroleum Institute)**New National Adoption**

BSR/MPMS Ch. 17.10.1/ISO 10976-6, 1st Edition-201x, Measurement of Cargoes on Board Marine Gas Carriers - Part 1: Liquefied Natural Gas (identical national adoption of ISO 10976:2012)

Establishes all of the steps needed to properly measure and account for the quantities of cargoes on liquefied natural gas (LNG) carriers. This includes, but is not limited to, the measurement of liquid volume; vapor volume, temperature and pressure; and accounting for the total quantity of the cargo on board. This Standard describes the use of common measurement systems used on-board LNG carriers, the aim of which is to improve the general knowledge and processes in the measurement of LNG for all parties concerned. This Standard provides general requirements for those involved in the LNG trade on ships and onshore.

Single copy price: Free

Obtain an electronic copy from: goodsons@api.org

Order from: Sally Goodson, (202) 682-8584, goodsons@api.org

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

ATIS (Alliance for Telecommunications Industry Solutions)**Reaffirmation**

BSR ATIS 0100017-2008 (R201x), Reduced Reference Video Calibration Estimation Method (reaffirmation of ANSI ATIS 0100017-2008)

This standard describes four Reduced Reference (RR) video calibration algorithms of low computational complexity. RR Methods are useful for performing end-to-end in-service video quality measurements since these methods utilize a low bandwidth network connection between the original (source) and processed (destination) ends.

Single copy price: \$175.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org; jpemard@atis.org

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

AWWA (American Water Works Association)**New Standard**

BSR/AWWA C714-201x, Cold-Water Meters for Residential Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (new standard)

This standard describes cold-water meters used for residential fire sprinkler applications that meet the requirements of NFPA 13D in single- and two-family dwellings and manufactured homes, in sizes 3/4 in. (20 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication.

Single copy price: \$20.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

AWWA (American Water Works Association)**Reaffirmation**

BSR/AWWA J100-2010 (R201x), Risk and Resilience Management of Water and Wastewater Systems (reaffirmation of ANSI/AWWA J100-2010)

This standard sets the requirements for all-hazards risk and resilience analysis and management for the water sector and prescribes methods that can be used for addressing these requirements. The standard documents a process for identifying vulnerabilities to man-made threats, natural hazards, and dependencies and proximity to hazardous sites and provides methods to evaluate the options for improving these weaknesses in water and wastewater utilities.

Single copy price: \$107.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

HI (Hydraulic Institute)**New Standard**

BSR/HI 9.6.8-201x, Rotodynamic Pumps - Dynamics of Pumping Machinery (new standard)

This new guideline that describes and recommends the means to appropriately evaluate pumping machinery construction attributes and relevant site characteristics in order to determine the effects of dynamic performance on equipment life and reliability. It will describe and recommend various levels of detailed evaluations and validations that are commensurate with the degree of equipment uncertainty and application risk. The scope of the document encompasses Rotodynamic pumps as referenced in the Hydraulic Institute Standards.

Single copy price: \$95.00

Obtain an electronic copy from: kanderson@pumps.org

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

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

HPVA (Hardwood Plywood & Veneer Association)**New Standard**

BSR/HPVA LTDD 1.0-201x, Standard for Due Diligence in Procuring/Sourcing Legal Timber (new standard)

This standard is intended to assist companies in establishing a quality-controlled system to significantly reduce the risk of illegal timber and wood products entering their supply chain and to demonstrate the level of due diligence in controlling associated risk. This Standard covers importing, exporting, and interstate commerce of timber and wood products with a North American focus and could have international implications for timber in international commerce. This Standard is not a chain-of-custody scheme, a legal verification system or sustainability certification, and does not constitute legal advice for due diligence compliance or guarantee legality of wood products.

Single copy price: \$18.00 (HPVA Members)/\$20.00 (Nonmembers)

Obtain an electronic copy from: ementel@hpva.org

Order from: Eva Mentel, (703) 435-2900, ementel@hpva.org

Send comments (with copy to psa@ansi.org) to: Kip Howlett, (703) 435-2900 Ext. 103, khowlett@hpva.org

ITI (INCITS) (InterNational Committee for Information Technology Standards)**New National Adoption**

INCITS/ISO/IEC 19784-4:2011/Cor 1:2013, Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface - Technical Corrigendum 1 (identical national adoption of ISO/IEC 19784-4:2011/Cor 1:2013)

This is the first corrigendum to ISO/IEC 19784-4:2011 that specifies a biometric sensor interface for a Biometric Service Provider (BSP, see ISO/IEC 19784-1). The interface supports a BSP wishing to provide the BioAPI Service Provider Interface (SPI) functions, whilst removing device-handling activity from the BSP. ISO/IEC 19784-4:2011 provides an interface that can be used by all types of biometric sensors, including inter-alia image streaming sensors (infrared, face, iris, finger, etc.), voice-streaming sensors, and digital tablets providing dynamic signature data.

Single copy price: Free

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

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

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

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

New National Adoption

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)

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.

Single copy price: \$164.00

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

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

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

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

New National Adoption

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)

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.

Single copy price: \$20.00

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

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

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

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

New National Adoption

INCITS/ISO/IEC 20944-1:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 1: Framework, common vocabulary, and common provisions for conformance (identical national adoption of ISO/IEC 20944-1:2013)

The ISO/IEC 20944 series of International Standards provides the bindings and their interoperability for metadata registries, such as those specified in the ISO/IEC 11179 series of International Standards. ISO/IEC 20944-1:2013 contains an overview, framework, common vocabulary, and common provisions for conformance for the ISO/IEC 20944 series of International Standards.

Single copy price: \$235.00

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

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

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

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

New National Adoption

INCITS/ISO/IEC 20944-2:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 2: Coding bindings (identical national adoption of ISO/IEC 20944-2:2013)

The ISO/IEC 20944 series of International Standards provides the bindings and their interoperability for metadata registries, such as those specified in the ISO/IEC 11179 series of International Standards. ISO/IEC 20944-2:2013 contains provisions that are common to coding bindings and the coding bindings themselves. The coding bindings have commonality in their conceptualization of data instances and their internal structures. Common features include:

- using datatypes to characterize the nature and operations upon data;
- using ISO/IEC 11404 to define and declare datatypes;
- using common aggregate structures, such as array and record, to describe sets of data;
- using common navigation descriptions to reference components within a set of data.

The individual coding bindings each incorporate a mapping of common data semantics to their individual binding requirements. XML and DIVP (dotted identifier value pair) bindings are provided.

Single copy price: \$142.00

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

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

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

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

New National Adoption

INCITS/ISO/IEC 20944-3:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 3: API bindings (identical national adoption of ISO/IEC 20944-3:2013)

The ISO/IEC 20944 series of International Standards provides the bindings and their interoperability for metadata registries, such as those specified in the ISO/IEC 11179 series of International Standards. ISO/IEC 20944-3:2013 contains provisions that are common to application programming interface (API) bindings and the API bindings themselves. The API bindings have commonality in their conceptualization of the services provided. Common features include:

- using a session paradigm to access data;
- using a parameterized security framework to support a variety of security techniques; and
- using a hierarchical navigation for data access.

Single copy price: \$192.00

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

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

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

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

New National Adoption

INCITS/ISO/IEC 20944-4:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 4: Protocol bindings (identical national adoption of ISO/IEC 20944-4:2013)

The ISO/IEC 20944 series of International Standards provides the bindings and their interoperability for metadata registries, such as those specified in the ISO/IEC 11179 series of International Standards. ISO/IEC 20944-4:2013 contains provisions that are common to protocol bindings and the protocol bindings themselves. The protocol bindings have commonality in their conceptualization of the services provided. Common features include:

- common data transfer semantics; and
- harmonized session services for connection-oriented and connection-less protocols.

Bindings for HTTP and WebDAV protocols are provided.

Single copy price: \$104.00

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

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

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

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

New National Adoption

INCITS/ISO/IEC 20944-5:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 5: Profiles (identical national adoption of ISO/IEC 20944-5:2013)

The ISO/IEC 20944 series of International Standards provides the bindings and their interoperability for metadata registries, such as those specified in the ISO/IEC 11179 series of International Standards. ISO/IEC 20944-5:2013 contains provisions that are common to the profiles, and the profiles themselves. A profile of ISO/IEC 11179-3:2003 is included, which maps ISO/IEC 11179 metadata attributes to standardized identifiers for navigation and access of ISO/IEC 11179 metadata.

Single copy price: \$112.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 13250-2003 (R201x), Information technology - SGML Applications - Topic Maps (reaffirmation of INCITS/ISO/IEC 13250-2003 (R2008))

ISO/IEC 13250:2003 (2nd edition) specifies two syntaxes for the interchange of Topic Maps. One of these syntaxes is based on the ISO/IEC 10744:1997 (HyTime) meta-DTD (meta Document Type Definition), and it is itself specified as a meta-DTD. The other, called XTM (XML Topic Maps), is specified as an eXtensible Markup Language (XML) DTD.

Single copy price: \$30.00

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

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

Reaffirmation

INCITS/ISO/IEC 19757-3-2006 (R201x), Information technology - Document Schema Definition Language (DSDL) - Part 3: Rule-based validation - Schematron (reaffirmation of INCITS/ISO/IEC 19757-3-2006)

ISO/IEC 19757 defines a set of Document Schema Definition Languages (DSDL) that can be used to specify one or more validation processes performed against Extensible Markup Language (XML) or Standard Generalized Markup Language (SGML) documents. (XML is an application profile SGML, ISO 8879:1986.) ISO/IEC 19757-3:2006 specifies Schematron, a rules-based schema language for XML. It establishes requirements for Schematron schemas and specifies when an XML document matches the patterns specified by a Schematron schema.

Single copy price: \$30.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 19757-4-2006 (R201x), Information technology - Document Schema Definition Language (DSDL) - Part 4: Selection of validation candidates (reaffirmation of INCITS/ISO/IEC 19757-4-2006)

ISO/IEC 19757-4:2006 specifies a Namespace-based Validation Dispatching Language (NVDL). An NVDL script controls the dispatching of elements or attributes in a given XML document to different validators, depending on the namespaces of the elements or attributes. An NVDL script also specifies which schemas are used by these validators. These schemas may be written in any schema languages, including those specified by ISO/IEC 19757.

Single copy price: \$30.00

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

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

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i50r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)

Issue 50: This issue addresses the updates in the normative references by updating the QC tables in ANSI/NSF 14.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=20558&wg_abbrev=plastics_rv_jc

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 42-201x (i70), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42 (i70)-201x)

The point-of-use and point-of-entry systems addressed by this Standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this Standard are intended to reduce substances affecting the aesthetic quality of the water or to add chemicals for scale control, or both. Substances may be soluble or particulate in nature at concentrations influencing public acceptance of the drinking water. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=20535

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

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

Reaffirmation

BSR/SMACNA 008-2008 (R201x), IAQ Guidelines for Occupied Buildings Under Construction (reaffirmation of ANSI/SMACNA 008-2008)

SMACNA's IAQ Guidelines for Occupied Buildings Under Construction is a current American National Standard being reaffirmed. The existing SMACNA Guideline covers how to manage the source of air pollutants, control measures, quality control and documentation, and communication with occupants. It includes example projects, tables, references, resources, and checklists as related to maintaining indoor air quality in occupied areas during construction and renovation.

Single copy price: \$150.00

Obtain an electronic copy from: <http://www.smacna.org/bookstore/>

Order from: <http://www.smacna.org/bookstore/>

Send comments (with copy to psa@ansi.org) to: Allison Fee, (703) 803-2992, afee@smacna.org

TCIA (ASC A300) (Tree Care Industry Association)

New Standard

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

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

Single copy price: Free (Electronic copy)/\$15.00 each [S&H] (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

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

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

TCIA (ASC A300) (Tree Care Industry Association)

Revision

BSR A300 (Part 4)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems) (revision of ANSI A300 (Part 4)-2008)

A300 (Part 3) Lightning Protection Systems standards are performance standards for the installation of lightning protection systems for trees. System design for trees is addressed. It is a guide in the drafting of tree lightning protection system specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Free (Electronic copy)/\$15.00 each [S&H] (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

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

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

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

BSR/UL 464-201X, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (Proposal dated 5-10-13) (revision of ANSI/UL 464-2012a)

New proposed 10th edition of UL 464, a binational standard with requirements for the U.S. and Canada covering electrically operated bells, sirens, horns, and similar audible signaling devices, rated at 300 V or less, for fire alarm and signaling systems and intended for indoor and/or outdoor installation in accordance with CSA C22.1, Canadian Electrical Code, Part I, and National Electrical Code, NFPA 70.

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: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

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

BSR/UL 1480-201x, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (Proposal dated 5-10-13) (revision of ANSI/UL 1480-2012)

New proposed 6th edition of UL 1480, is a binational standard with requirements for the U.S. and Canada covering speakers rated at 300 V or less for fire alarm and signaling systems and intended for indoor and/or outdoor installation in accordance with CSA C22.1, Canadian Electrical Code, Part I, and National Electrical Code, NFPA 70.

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: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

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

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2012)

Revisions to fire rating tests for PV modules and panels.

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

Comment Deadline: July 9, 2013**ASME (American Society of Mechanical Engineers)****Reaffirmation**

BSR/ASME B40.200-201x (R201x), Thermometers, Direct Reading and Remote Reading (reaffirmation of ANSI/ASME B40.3-2000)

This Standard is confined to analog, dial-type bimetallic actuated thermometers utilizing helical bimetallic elements that mechanically sense temperature and indicate it by means of a pointer moving over a scale. It also covers analog, dial-type filled system thermometers, utilizing elastic elements that enable the mechanically converted thermal energy to indicate temperature by means of a pointer moving over a scale. Thirdly, it also covers analog, liquid-in-glass industrial-type thermometers for industrial applications that sense process temperature by means of the expansion of the liquid within the glass thermometer bulb. And lastly, this Standard covers metallic thermowells for thermometers and electrical temperature sensors. Thermowells protect bulbs from excessive temperatures, excessive pressures, and corrosive attack by the process medium, and against structural damage caused by fluid-velocity-induced vibration.

Single copy price: \$110.00

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

Send comments (with copy to psa@ansi.org) to: Jack Karian, (212) 591-8552, karianj@asme.org

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

BSR/ASME B1.20.1-201x, Pipe Threads, General Purpose (Inch) (revision of ANSI/ASME B1.20.1-1983 (R2006))

This Standard covers dimensions and gaging of pipe threads of the following series below: NPT, NPSC, NPTR, NPSM, NPSL.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591-8018, guzman@asme.org

ASSE (ASC A10) (American Society of Safety Engineers)**New Standard**

BSR/ASSE A10.23-201X, Safety Requirements for the Installation of Drilled Shafts (new standard)

This standard establishes safety requirements for the installation of drilled shafts during construction and demolition operations.

Single copy price: \$50.00

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

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

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

New Standard

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

This Standard covers terrazzo, concrete, and natural stone plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings of these fixtures. This Standard covers the following plumbing fixtures:

- (a) bathtubs and combination tub/showers;
- (b) lavatories;
- (c) shower bases and shower stalls; and
- (d) sinks:
 - (i) bar sinks;
 - (ii) kitchen sinks;
 - (iii) laundry sinks;
 - (iv) service sinks; and
 - (v) wash fountains.

Single copy price: \$75.00

Obtain an electronic copy from: abraham.murra@iapmostandards.org

Order from: Abraham Murra, (909) 472-4106, abraham.murra@iapmort.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 155-2009 (R201x), Standard for Tests for Fire Resistance of Vault and File Room Doors (reaffirmation of ANSI/UL 155-2009)

These requirements cover the test procedure applicable to the fire-resistance classification of doors. intended for the protection of openings of vaults and file rooms. Recommendations for record protection equipment and techniques, including the use and installation of vault or file room door assemblies, are contained in the Standard for Protection of Records, NFPA 232. The terms "vault doors" and "file room doors" refer to assemblies consisting of doors, single or in pairs, the frame into which doors are hung, and the necessary hardware. These assemblies are intended to provide fire resistance and protection to contents from heat.

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: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI RD47-2008 (R201x), Reprocessing of hemodialyzers
(reaffirmation of ANSI/AAMI RD47-2008)

AIIM (Association for Information and Image Management)

Office: 1100 Wayne Avenue, Suite 1100
Silver Spring, MD 20910

Contact: *Betsy Fanning*

Phone: (301) 755-2682

Fax: (240) 494-2682

E-mail: bfanning@aiim.org

BSR/AIIM/CGATS/ISO 19005-1-2005 (R201x), Document Management
- Electronic Document File Format for Long-Term Preservation - Part
1: Use of PDF 1.4 (PDF/A-1) (reaffirmation of ANSI/AIIM/CGATS/ISO
19005-1-2005)

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: *Sally Goodson*

Phone: (202) 682-8584

Fax: (202) 962-4797

E-mail: goodsons@api.org

BSR/MPMS Ch. 17.10.1/ISO 10976-6, 1st Edition-201x, Measurement
of Cargoes on Board Marine Gas Carriers, Part 1-Liquefied Natural
Gas (identical national adoption of ISO 10976:2012)

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton Ave
Milwaukee, WI 53201

Contact: *Julie Sharp*

Phone: (414) 272-8575

E-mail: standards@asq.org

BSR/ASQ Z1.4-2003 (R201x), Sampling procedures and tables for
inspection by attributes (reaffirmation of ANSI/ASQ Z1.4-2003
(R2008))

BSR/ASQ Z1.9-2003 (R201x), Sampling procedures and tables for
inspection by variables for percent nonconforming (reaffirmation of
ANSI/ASQ Z1.9-2003 (R2008))

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

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.23-201X, Safety Requirements for the Installation of
Drilled Shafts (new standard)

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 109-201x, Standard Method for Testing Garage Doors:
Determination of Life Cycling Performance (revision of ANSI/DASMA
109-2001 (R2007))

HI (Hydraulic Institute)

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

Contact: *Karen Anderson*

Phone: (973) 267-9700 Ext 123

Fax: (973) 267-9055

E-mail: kanderson@pumps.org

BSR/HI 9.6.8-201x, Rotodynamic Pumps - Dynamics of Pumping
Machinery (new standard)

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

BSR/INCITS 530-201x, Information technology - Architecture for
Managed Computing Systems (new standard)

BSR/INCITS 531-201x, Information technology - Systems Management
Discovery for Managed Computer Systems (new standard)

INCITS/ISO/IEC 13250-2003 (R201x), Information technology - SGML
Applications - Topic Maps (reaffirmation of INCITS/ISO/IEC 13250
-2003 (R2008))

INCITS/ISO/IEC 19757-3-2006 (R201x), Information technology - Document Schema Definition Language (DSDL) - Part 3: Rule-based validation - Schematron (reaffirmation of INCITS/ISO/IEC 19757-3-2006)

INCITS/ISO/IEC 19757-4-2006 (R201x), Information technology - Document Schema Definition Language (DSDL) - Part 4: Selection of validation candidates (reaffirmation of INCITS/ISO/IEC 19757-4-2006)

INCITS/ISO/IEC 19784-4:2011/Cor 1:2013, Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface - Technical Corrigendum 1 (identical national adoption of ISO/IEC 19784-4:2011/Cor 1:2013)

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 19794-9:2011/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 20944-1:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 1: Framework, common vocabulary, and common provisions for conformance (identical national adoption of ISO/IEC 20944-1:2013)

INCITS/ISO/IEC 20944-2:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 2: Coding bindings (identical national adoption of ISO/IEC 20944-2:2013)

INCITS/ISO/IEC 20944-3:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 3: API bindings (identical national adoption of ISO/IEC 20944-3:2013)

INCITS/ISO/IEC 20944-4:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 4: Protocol bindings (identical national adoption of ISO/IEC 20944-4:2013)

INCITS/ISO/IEC 20944-5:2013, Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 5: Profiles (identical national adoption of ISO/IEC 20944-5:2013)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Charles Bohanan

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 825 om-201x, Flat crush test of corrugated board (rigid support method) (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: Stephanie Montgomery

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 136-000-I-201x, TDMA Third Generation Wireless List of Parts (revision and redesignation of ANSI/TIA 136-000-H-2011)

BSR/TIA 136-123-I-201x, TDMA Third Generation Wireless Digital Control Channel Layer 3 (revision and redesignation of ANSI/TIA 136-123-H-2011)

BSR/TIA 136-370-E-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (revision and redesignation of ANSI/TIA 136-370-D-2011)

BSR/TIA 136-376-E-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (revision and redesignation of ANSI/TIA 136-376-D-2011)

BSR/TIA 136-377-E-201x, TDMA Third Generation Wireless EGPRS -136 Gs Interface Specifications (revision and redesignation of ANSI/TIA 136-377-D-2011)

BSR/TIA 136-440-E-201x, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (revision and redesignation of ANSI/TIA 136-440-D-2011)

BSR/TIA 4950-A-201x, Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III, Division 1, Hazardous (Classified) Locations (revision and redesignation of ANSI/TIA 4950-2013)

BSR/TIA/EIA 136-150-C-201x, TDMA Third Generation Wireless - Analog Voice Channel (revision and redesignation of ANSI/TIA/EIA 136-150-B-2000 (R2004))

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: Alan McGrath

Phone: (847) 664-3038

Fax: (847) 664-3038

E-mail: alan.t.mcgrath@ul.com

BSR/UL 155-2009 (R201x), Standard for Tests for Fire Resistance of Vault and File Room Doors (reaffirmation of ANSI/UL 155-2009)

BSR/UL 486A-486B-201x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2013)

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.

ADA (American Dental Association)

New Standard

ANSI/ADA Standard No. 1067-2013, Electronic Dental Record System Standard Functional Requirements (new standard): 5/6/2013

ASA (ASC S3) (Acoustical Society of America)

New Standard

* ANSI ASA S3.50-2013, Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (new standard): 5/6/2013

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

Addenda

ANSI/ASHRAE/IES Addendum ap to Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 5/3/2013

New Standard

ANSI/ASHRAE Standard 190P-2013, Method of Testing for Rating Indoor Pool Dehumidifiers (new standard): 5/3/2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME A13.1-2007 (R2013), Scheme for the Identification of Piping Systems (reaffirmation of ANSI/ASME A13.1-2007): 5/6/2013

ANSI/ASME B5.10-1994 (R2013), Machine Tapers (reaffirmation of ANSI/ASME B5.10-1994 (R2008)): 5/6/2013

ANSI/ASME B5.11-1964 (R2013), Spindle Noses and Adjustable Adaptors for Multiple Spindle Drilling Heads (reaffirmation of ANSI/ASME B5.11-1964 (R2008)): 5/6/2013

ANSI/ASME B5.35-1983 (R2013), Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels (reaffirmation of ANSI/ASME B5.35-1983 (R2008)): 5/6/2013

ANSI/ASME B5.40-1977 (R2013), Spindle Noses and Tool Shanks for Horizontal Boring Machines (reaffirmation of ANSI/ASME B5.40-1977 (R2008)): 5/6/2013

ANSI/ASME B5.47-1972 (R2013), Milling Machine Arbor Assemblies (reaffirmation of ANSI/ASME B5.47-1972 (R2008)): 5/6/2013

ANSI/ASME B5.48-1977 (R2013), Ball Screws (reaffirmation of ANSI/ASME B5.48-1977 (R2008)): 5/6/2013

ANSI/ASME B5.55M-1994 (R2013), Specification and Performance Standard, Power Press Brakes (reaffirmation of ANSI/ASME B5.55M-1994 (R2008)): 5/6/2013

ANSI/ASME N511-2007 (R2013), Standard for In-Service Testing of Nuclear Air Treatment, Heating, Ventilating, and Air Conditioning Systems (reaffirmation of ANSI/ASME N511-2007): 5/6/2013

Withdrawal

ANSI/ASME N510-2007, Testing of Nuclear Air Treatment Systems (withdrawal of ANSI/ASME N510-2007): 5/6/2013

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI ATIS 0600015.07-2013, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Wireline Access, Asymmetric Broadband Equipment (new standard): 5/6/2013

Reaffirmation

ANSI ATIS 1000678.a.v2-2007 (R2013), Supplement A to ATIS 1000678-.v2, Lawfully Authorized Electronic Surveillance (LAES) for Voice Over Packet Technologies in Wireline Telecommunications Networks, Version 2 (reaffirmation of ANSI ATIS 1000678.a-2007): 5/6/2013

ANSI ATIS 1000678.b.v2-2010 (R2013), Supplement B to ATIS 1000678-.v2, Lawfully Authorized Electronic Surveillance (LAES) for Voice Over Packet Technologies in Wireline Telecommunications Networks (reaffirmation of ANSI ATIS 1000678.b-2010): 5/6/2013

ANSI ATIS 1000678.v2-2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks, Version 2 (reaffirmation of ANSI ATIS 1000678-2006): 5/6/2013

Revision

ANSI ATIS 0600015-2013, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - General Requirements (revision of ANSI ATIS 0600015-2009): 5/6/2013

ANSI ATIS 1000025-2013, US Standard for Signaling Security - UNI Access and Signaling Standard (revision of ANSI ATIS 1000025-2008): 5/6/2013

CSA (CSA Group)

Reaffirmation

* ANSI Z21.61-1983 (R2013), Standard for Gas-Fired Toilets (reaffirmation of ANSI Z21.61-1983 (R2004)): 5/6/2013

HPS (ASC N13) (Health Physics Society)

Revision

ANSI N13.12-2013, Surface and Volume Radioactivity Standards for Clearance (revision of ANSI N13.12-1999 (R2010)): 5/6/2013

ISA (ISA)

New National Adoption

ANSI/ISA 60079-31 (12.10.03)-2013, Explosive Atmospheres - Part 31: Equipment dust ignition protection by enclosure "t" (national adoption of IEC 60079-31 with modifications and revision of ANSI/ISA 60079-31 (12.10.03)-2009): 5/2/2013

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

Reaffirmation

ANSI INCITS 451-2008 (R2013), Information technology - AT Attachments-8 ATA/ATAPI Architecture Model (ATA8-AAM) (reaffirmation of ANSI INCITS 451-2008): 5/6/2013

Stabilized Maintenance

- ANSI INCITS 131-1994 (S2013), Information technology - Small Computer System Interface - 2 (SCSI-2) (stabilized maintenance of ANSI INCITS 131-1994 (R2008)): 5/6/2013
- ANSI INCITS 302-1998 (S2013), Information technology - SCSI-3 Parallel Interface - 2 (SPI-2) (stabilized maintenance of ANSI INCITS 302-1998 (R2008)): 5/6/2013
- ANSI INCITS 314-1998 (S2013), Information technology - SCSI-3 Medium Changer Commands (SMC) (stabilized maintenance of ANSI INCITS 314-1998 (R2008)): 5/6/2013
- ANSI INCITS 318-1998 (S2013), Information technology - SCSI Controller Commands - 2 (SCC-2) (stabilized maintenance of ANSI INCITS 318-1998 (R2008)): 5/6/2013
- ANSI INCITS 325-1998 (S2013), Information technology - SCSI-3 Serial Bus Protocol 2 (SBP-2) (stabilized maintenance of ANSI INCITS 325-1998 (R2008)): 5/6/2013

MedBiq (MedBiquitous Consortium)**New Standard**

- * ANSI/MEDBIQ CI.10.1-2013, Curriculum Inventory (new standard): 5/7/2013

NSF (NSF International)**Revision**

- * ANSI/NSF 53-2012 (i89), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2012): 11/13/2012
- * ANSI/NSF 58-2013 (i62), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2012): 2/14/2013

PLASA (PLASA North America)**Revision**

- ANSI E1.35-2013, Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (revision of ANSI E1.35-2007): 5/6/2013

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

- * ANSI A300 (Part 3)-2013, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Supplemental Support Systems) (revision of ANSI A300 (Part 3)-2006): 5/6/2013

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

- ANSI/UL 2565-2013, Standard for Safety for Semiautomatic Metal Sawing Machines (new standard): 5/1/2013

Reaffirmation

- ANSI/UL 14B-2008 (R2013), Standard for Safety for Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors (reaffirmation of ANSI/UL 14B-2008): 5/3/2013
- ANSI/UL 14C-2008 (R2013), Standard for Safety for Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs (reaffirmation of ANSI/UL 14C-2008): 5/3/2013
- ANSI/UL 1887-2004 (R2013), Standard for Safety for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics (reaffirmation of ANSI/UL 1887-2004 (R2009)): 5/3/2013

Revision

- ANSI/UL 486E-2013, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2010): 5/3/2013
- * ANSI/UL 923-2013, Standard for Microwave Cooking Appliances (revision of ANSI/UL 923-2007): 5/1/2013
 - * ANSI/UL 923-2013a, Standard for Microwave Cooking Appliances (revision of ANSI/UL 923-2007): 5/1/2013
- ANSI/UL 987-2013, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2011a): 5/2/2013

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

- ANSI/VITA 66.2-2013, Optical Interconnect on VPX - ARINC 801 Termini Variant (new standard): 5/6/2013

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.

ASABE (American Society of Agricultural and Biological Engineers)

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St Joseph, MI 49085

Contact: *Carla VanGilder*

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BSR/ASABE S634 MONYEAR-201x, Storage of Agricultural Fertilizer (new standard)

Stakeholders: Designers and manufacturers of agricultural fertilizer storage facilities and equipment; owners, employees and managers of such facilities; and inspectors and first responders.

Project Need: A standard for agricultural fertilizer storage facilities is needed to help designers, manufacturers, inspectors and users of the facilities. The proposed standard will aid those impacted parties determine how best to store fertilizer in a manner that is safe and environmentally responsible. Facilities that meet the standard will also help protect emergency responders.

The standard will apply to facilities that store agricultural fertilizer. The standard will cover best practices for storage of solid, liquid, and compressed gas fertilizers in a safe and environmentally responsible fashion.

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton Ave
Milwaukee, WI 53201

Contact: *Julie Sharp*

E-mail: standards@asq.org

BSR/ASQ Z1.4-2003 (R201x), Sampling procedures and tables for inspection by attributes (reaffirmation of ANSI/ASQ Z1.4-2003 (R2008))

Stakeholders: Company, government, individual, organization.

Project Need: Reaffirm current ANS.

This publication establishes sampling plans and procedures for inspection by attributes.

BSR/ASQ Z1.9-2003 (R201x), Sampling procedures and tables for inspection by variables for percent nonconforming (reaffirmation of ANSI/ASQ Z1.9-2003 (R2008))

Stakeholders: Company, government, individual, organization.

Project Need: Reaffirm current ANS.

This standard establishes sampling plans and procedures for inspection by variables for use in procurement, supply and storage, and maintenance inspection operations.

HPS (ASC N13) (Health Physics Society)

Office: 1313 Dolley Madison Blvd, Suite 402
McLean, VA 22101

Contact: *Nancy Johnson*

Fax: (703) 790-2672

E-mail: njohnson@burkinc.com

BSR N12.1-201x, Fissile Material Symbol (new standard)

Stakeholders: Primarily government and government contractors who own, manufacture, use, and transport fissile or fissionable material. Potential does exist for use in industry where fissile material is present.

Project Need: N12.1 has been withdrawn since 1999. There is no existing standard in the United States on how to appropriately and uniformly identify fissile or fissionable material. The fissile material symbol uses the radiation symbol as a foundation, so N13 has accepted responsibility for revision. In addition to providing current guidance on use, the revised standard will attempt to address an earlier unresolved issue on the acceptable colors for the symbol.

The revised standard will include an existing section on shape and proportions of the fissile material symbol, and will also include an updated (electronic) figure of the proportions of the symbol. "Fissionable" material may be added to the scope. An existing section of use of the symbol will be retained and possibly expanded. A new section on acceptable colors for the symbol may be added.

IEEE (Institute of Electrical and Electronics Engineers)

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Piscataway, NJ 08854

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E-mail: l.yacone@ieee.org

BSR/IEEE 1680.1-201x, Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays (revision of ANSI/IEEE 1680.1-2010)

Stakeholders: Computer manufacturers; suppliers of materials, equipment and packaging; electronics equipment recyclers and reuse organizations; trade associations; environmental advocacy organizations; purchasers and users; resellers and retailers; environmental representatives of government agencies; academic experts; general public and other.

Project Need: The initial standard was published in 2006. Stakeholders have expressed strong interest in revising the standard. A revision of the IEEE 1680.1 standard was approved in December 2009. This was a minor revision, primarily to divide the standard into an umbrella standard (IEEE 1680) and the IEEE 1680.1 standard. The IEEE 1680.1 standard consists of environmental criteria and other materials that relate specifically to personal computer products.

This standard defines environmental performance criteria for personal computer products, including desktop computers, notebook computers, and computer displays. The environmental performance criteria relate to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, life cycle extension, energy conservation, end-of-life management, corporate performance, and packaging.

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

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

Contact: Rachel Porter

Fax: 202-638-4922

E-mail: rporter@itic.org

BSR INCITS 530-201x, Information technology - Architecture for Managed Computing Systems (new standard)

Stakeholders: Architecture for Managed Computing Systems provides easy access for a related set of management elements to gain traction with the development community.

Project Need: The need for the standard arises from the need for common interface for the management of virtualized systems across many different vendors.

The Architecture for Managed Computing Systems defines and documents the architecture and language infrastructure that is the foundation for DMTF management profiles, registries, protocols and schemas. The key properties of Architecture for Managed Computing Systems are as follows:

- Specification of the CIM infrastructure, (meta-model and qualifiers, and the MOF language);
- Specification of generic operations;
- Specification of the CIM query language (CQL);
- Specification of standard message infrastructure; and
- Specification of a mapping between the CIM meta-model and the OMG Unified Modeling Language.

BSR INCITS 531-201x, Information technology - Systems Management Discovery for Managed Computer Systems (new standard)

Stakeholders: Systems Management Discovery for Managed Computer Systems provides easy access for a related set of management elements to gain traction with the development community.

Project Need: The need for the standard arises from the need for common discovery for the management of computer systems across many different vendors.

This specification describes an efficient method for WBEM Clients to discover WBEM Servers and WBEM Server capabilities. The objectives of this specification are to:

- Provide a mechanism that allows WBEM Clients to discover WBEM Servers;
- Use existing standards and protocols for rapid development and deployment;
- Provide a mechanism that scales from small environments to enterprise environments;
- Provide WBEM Clients sufficient information in the advertisement to determine the WBEM Servers to communicate with; and
- Scope the level of advertisement to avoid security holes.

MHI (Material Handling Industry)

Office: 8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992

Contact: Michael Ogle

Fax: (704) 676-1199

E-mail: mogle@mhia.org; carmen@mhia.org

BSR MH10.8.7-201x, Standard for Material Handling - Labeling and Direct Product Marking with Linear Bar Code and Two-Dimensional Symbols (revision of ANSI MH10.8.7-2005)

Stakeholders: Designers, users, suppliers, distributors.

Project Need: Reference changes and minor requirements changes.

This standard establishes the machine-readable (linear, two-dimensional, and composite symbols) and human-readable content for direct marking and labeling of items, parts, and components. This standard provides a means for items, parts, and components to be marked, and read in either fixtured or handheld scanning environments. In this document, the terms "part marking" and "item marking" are used interchangeably. The standard does not define the location and application method of the marking.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

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BSR/NEMA HP 5-201x, Electrical and Electronic Crosslinked, Modified Polyethylene (XLPE) Insulated (new standard)

Stakeholders: Utilities, consultants, and engineers in the wire and cable industry.

Project Need: Progress with ANSI approval process for commercial standards replacement of MIL-DTL-16878.

This Standards Publication covers specific requirements for crosslinked, modified polyethylene insulated solid and stranded wire, designed to the internal wiring of high reliability electrical and electronic equipment. This Standards Publication addresses 600 V (Type L), 1000 V (Type LL), and 3000 V (Type LX) wire and permits continuous conductor temperature ratings of -65 C to +125 C with either tin-coated, or silver-coated conductors.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

Contact: Charles Bohanan

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 825 om-201x, Flat crush test of corrugated board (rigid support method) (new standard)

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

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

The flat crush test is a measure of the resistance of the flutes in corrugated board to a crushing force applied perpendicular to the surface of the board under prescribed conditions. The test is satisfactory for single-faced or single-wall (double-faced) corrugated board, but not for double-wall or triple-wall corrugated board, because of lateral motion of the central facing or facings. In this method, the specimen rests on an essentially rigid support and is tested at a constant deflection rate.

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
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E-mail: standards@tiaonline.org

BSR/TIA 4950-A-201x, Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III, Division 1, Hazardous (Classified) Locations (revision and redesignation of ANSI/TIA 4950-2013)

Stakeholders: TR-8.21 and Intrinsic Safety practitioners.

Project Need: Provide updates for an existing standard.

This revision effort intends to further enhance the focus of this document on portable Land Mobile Radio (LMR) applications. The revision will solidify document coverage of the new technologies in use in portable LMR today.

TIA (Telecommunications Industry Association)

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BSR/TIA 136-000-I-201x, TDMA Third Generation Wireless List of Parts (revision and redesignation of ANSI/TIA 136-000-H-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA 136-123-I-201x, TDMA Third Generation Wireless Digital Control Channel Layer 3 (revision and redesignation of ANSI/TIA 136-123-H-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA 136-370-E-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (revision and redesignation of ANSI/TIA 136-370-D-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA 136-376-E-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (revision and redesignation of ANSI/TIA 136-376-D-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA 136-377-E-201x, TDMA Third Generation Wireless EGPRS -136 Gs Interface Specifications (revision and redesignation of ANSI/TIA 136-377-D-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA 136-440-E-201x, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (revision and redesignation of ANSI/TIA 136-440-D-2011)

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

BSR/TIA/EIA 136-150-C-201x, TDMA Third Generation Wireless - Analog Voice Channel (revision and redesignation of ANSI/TIA/EIA 136-150-B-2000 (R2004))

Stakeholders: Carriers, equipment providers.

Project Need: Provide updates for an existing standard.

This part is to be part of the Revision I of TIA/EIA-136, which incorporates support for 3GPP GERAN Release 9 also included is support for Overload class 12 as per TSB-16-B.

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BSR/UL 213C-201x, Standard for Safety for Grooved and Plain End Fittings (new standard)

Stakeholders: Users, installers, and manufacturers of pipe fittings used for fire-protection service, AHJs.

Project Need: To obtain national recognition of a standard covering Grooved and Plain End fittings.

The requirements of UL 213C cover the construction and performance of Grooved and Plain End fittings intended to be joined to pipe or another fitting by couplings complying with the requirements of UL 213, Rubber Gasketed Fittings for Fire-Protection Service.

VC (ASC Z80) (The Vision Council)

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E-mail: arobinson@thevisioncouncil.org

BSR Z80.27-201x, Aqueous Shunts for Glaucoma Application (revision of ANSI Z80.27-2001 (R2011))

Stakeholders: Regulatory Bodies (FDA), clinicians, industry-device developers, and end use in clinical patients.

Project Need: The standard guides industry and regulatory bodies as to the safe and effective development and testing of glaucoma device implants.

Applicable to surgically implanted glaucoma devices in humans.

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

<p>AAMI Association for the Advancement of Medical Instrumentation (AAMI) 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8263 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>DASMA Door and Access Systems Manufacturers Association 1300 Sumner Avenue Cleveland, OH 44115-2851 Phone: (216) 241-7333 Fax: (216) 241-0105</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW, Suite 610 Washington, DC 20005 Phone: 202-626-5741 Fax: 202-638-4922 Web: www.incits.org</p>
<p>ADA (Organization) American Dental Association 211 East Chicago Avenue Chicago, IL 60611-2678 Phone: (312) 440-2509 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>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</p>	<p>HI Hydraulic Institute 6 Campus Drive, 1st Fl North Parsippany, NJ 07054 Phone: (973) 267-9700 Ext 123 Fax: (973) 267-9055 Web: www.pumps.org</p>	<p>MedBiq MedBiquitous Consortium 5801 Smith Avenue, Davis 3110C Baltimore, MD 21202 Phone: (410) 735-6142 Fax: (410) 735-4660 Web: www.medbiq.org</p>
<p>AGA (ASC Z380) American Gas Association 400 N. Capitol Street, N.W. Washington, DC 20001 Phone: (202) 824-7312 Fax: (202) 824-9122 Web: www.aga.org</p>	<p>ASQ (ASC Z1) American Society for Quality 600 N Plankinton Ave Milwaukee, WI 53201 Phone: (414) 272-8575 Web: www.asq.org</p>	<p>HPS (ASC N13) Health Physics Society 1313 Dolley Madison Blvd, Suite 402 McLean, VA 22101 Phone: (703) 790-1745 Fax: (703) 790-2672 Web: www.hps.org/publications/standards.html</p>	<p>MHI Material Handling Industry 8720 Red Oak Blvd., Suite 201 Charlotte, NC 28217-3992 Phone: (704) 676-1190 Fax: (704) 676-1199 Web: www.mhia.org</p>
<p>AIIM Association for Information and Image Management 1100 Wayne Avenue, Suite 1100 Silver Spring, MD 20910 Phone: (301) 755-2682 Fax: (240) 494-2682 Web: www.aiim.org</p>	<p>ASSE (Safety) American Society of Safety Engineers 1800 East Oakton Street Des Plaines, IL 60018-2187 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>HPVA Hardwood Plywood & Veneer Association 1825 Michael Faraday Drive Reston, VA 20190 Phone: (703) 435-2900 ext.127 Fax: (703) 435-2537 Web: www.hpva.org</p>	<p>NEMA (ASC C8) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3271 Fax: 703-841-3371 Web: www.nema.org</p>
<p>API American Petroleum Institute 1220 L Street, NW Washington, DC 20005 Phone: (202) 682-8584 Fax: (202) 962-4797 Web: www.api.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: www.atis.org</p>	<p>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</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>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</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>IEEE Institute for Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-6003 Fax: (732) 562-1571 Web: www.ieee.org</p>	<p>PLASA PLASA North America 630 Ninth Avenue, Suite 609 New York, NY 10036-3748 Phone: (212) 244-1505 Fax: (212) 244-1502 Web: www.plasa.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>SMACNA Sheet Metal and Air-Conditioning Contractors' National Association 4201 Lafayette Center Dr. Chantilly, VA 20151-1209 Phone: (703) 803-2992 Fax: (703) 803-3732 Web: www.smacna.org</p>

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TCIA (ASC A300)

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UL

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VC (ASC Z80)

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VITA

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Association (VITA)

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Web: www.vita.com/



ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) 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 ISO members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO 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.

FIRE SAFETY (TC 92)

ISO/DIS 19700, Controlled equivalence ratio method for the determination of hazardous components of fire effluents - The steady state tube furnace - 8/9/2013

GAS CYLINDERS (TC 58)

ISO 13341/DAMd1, Gas cylinders - Fitting of valves to gas cylinders - Amendment 1 - 8/3/2013

PAINTS AND VARNISHES (TC 35)

ISO/DIS 17463, Paints and varnishes - Determination of the corrosion protection properties of organic coatings by the accelerated cyclic electrochemical technique (ACET) - 8/3/2013

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

ISO/DIS 9967, Thermoplastics pipes - Determination of creep ratio - 8/3/2013

ISO/DIS 9969, Thermoplastics pipes - Determination of ring stiffness - 8/3/2013

ROAD VEHICLES (TC 22)

ISO/DIS 8856, Road vehicles - Electrical performance of starter motors - Test methods and general requirements - 8/3/2013, \$58.00

THERMAL INSULATION (TC 163)

ISO/DIS 12574-1, Thermal insulation - Cellulose-fibre loose-fill for horizontal applications in ventilated roof spaces - Part 1: Material specification - 12/26/2012, \$58.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 24534-3, Intelligent transport systems - Automatic vehicle and equipment identification - Electronic registration identification (ERI) for vehicles - Part 3: Vehicle data - 8/3/2013, \$125.00

WATER QUALITY (TC 147)

ISO/DIS 13168, Water quality - Simultaneous determination of tritium and carbon 14 activities - Test method using liquid scintillation counting - 8/4/2013



Newly Published ISO & IEC Standards

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

ISO Standards

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

[ISO 1920-11:2013](#), Testing of concrete - Part 11: Determination of the chloride resistance of concrete, unidirectional diffusion, \$120.00

HEALTH INFORMATICS (TC 215)

[IEC/TR 80001-2-2:2012](#), Application of risk management for IT-networks incorporating medical devices - Part 2-2: Guidance for the communication of medical device security needs, risks and controls, FREE

[IEC/TR 80001-2-3:2012](#), Application of risk management for IT-networks incorporating medical devices - Part 2-3: Guidance for wireless networks, FREE

[IEC/TR 80001-2-4:2012](#), Application of risk management for IT-networks incorporating medical devices - Part 2-4: General implementation guidance for Healthcare Delivery Organizations, \$181.00

PHOTOGRAPHY (TC 42)

[ISO 18947:2013](#), Imaging materials - Photographic reflection prints - Determination of abrasion resistance of photographic images, \$90.00

POWDER METALLURGY (TC 119)

[ISO 13517:2013](#), Metallic powders - Determination of flowrate by means of a calibrated funnel (Gustavsson flowmeter), \$60.00

[ISO 4491-4:2013](#), Metallic powders - Determination of oxygen content by reduction methods - Part 4: Total oxygen by reduction-extraction, \$60.00

ROAD VEHICLES (TC 22)

[ISO 17949:2013](#), Impact test procedures for road vehicles - Seating and positioning procedures for anthropomorphic test devices - Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions, \$60.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 17682:2013](#), Ships and marine technology - Methodology for ship launching utilizing air bags, \$90.00

SMALL TOOLS (TC 29)

[ISO 3438:2013](#), Subland twist drills for holes prior to tapping screw threads, \$60.00

ISO Technical Specifications

OTHER

[ISO/IEC TS 17021-3:2013](#), Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 3: Competence requirements for auditing and certification of quality management systems, \$60.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 25110:2013](#), Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC), \$157.00

IEC Standards

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 62718 Ed. 1.0 b:2013](#), Railway applications - Rolling stock - DC supplied electronic ballasts for lighting fluorescent lamps, \$227.00

FIBRE OPTICS (TC 86)

[IEC/TR 61282-10 Ed. 1.0 en cor.1:2013](#), Corrigendum 1 - Fibre optic communication system design guides - Part 10: Characterization of the quality of optical vector-modulated signals with the error vector magnitude, \$0.00

FIRE HAZARD TESTING (TC 89)

[IEC 60695-9-1 Ed. 3.0 b:2013](#), Fire hazard testing - Part 9-1: Surface spread of flame - General guidance, \$92.00

INSULATING MATERIALS (TC 15)

[IEC 60455-3-8 Ed. 1.0 b:2013](#), Resin based reactive compounds used for electrical insulation - Part 3: Specifications for individual materials - Sheet 8: Resins for cable accessories, \$74.00

[IEC 61212-3-1 Ed. 3.0 b:2013](#), Insulating materials - Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Round laminated rolled tubes, \$92.00

[IEC 61212-3-2 Ed. 3.0 b:2013](#), Insulating materials - Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Round laminated moulded tubes, \$74.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60598-2-8 Ed. 3.0 b:2013](#), Luminaires - Part 2-8: Particular requirements - Handlamps, \$79.00

[IEC 60598-2-12 Ed. 2.0 b:2013](#), Luminaires - Part 2-12: Particular requirements - Mains socket-outlet mounted nightlights, \$68.00

MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)

[IEC 61557-10 Ed. 2.0 b:2013](#), Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 10: Combined measuring equipment for testing, measuring and monitoring of protective measures, \$55.00

MEASURING RELAYS AND PROTECTION EQUIPMENT (TC 95)

[IEC 60255-24 Ed. 2.0 b:2013](#), Measuring relays and protection equipment - Part 24: Common format for transient data exchange (COMTRADE) for power systems, \$337.00

NUCLEAR INSTRUMENTATION (TC 45)

[IEC 62651 Ed. 1.0 b:2013](#), Nuclear power plants - Instrumentation important to safety - Thermocouples: characteristics and test methods, \$205.00

POWER ELECTRONICS (TC 22)

[IEC/TR 60919-1 Amd.1 Ed. 3.0 en:2013](#), Amendment 1 - Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 1: Steady-state conditions, \$104.00

[IEC/TR 60919-1 Ed. 3.1 en:2013](#), Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 1: Steady-state conditions, \$518.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 62351-SER Ed. 1.0 en:2013](#), Power systems management and associated information exchange - Data and communications security - ALL PARTS, \$1632.00

[IEC 62325-450 Ed. 1.0 b:2013](#), Framework for energy market communications - Part 450: Profile and context modelling rules, \$205.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60191-2 Amd.3 Ed. 1.0 b:2001](#), Amendment 3 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$74.00

[IEC 60191-2Y Ed. 1.0 b:2000](#), Twenty-third supplement - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$169.00

[IEC 60191-2 Amd.1 Ed. 1.0 b:2001](#), Amendment 1 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$50.00

[IEC 60191-2 Amd.4 Ed. 1.0 b:2001](#), Amendment 4 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$92.00

[IEC 60191-2Z Ed. 1.0 b:2000](#), Twenty-fourth supplement - Mechanical standardization of semiconductor devices - Part 2: Dimension, \$50.00

[IEC 60191-2 Amd.2 Ed. 1.0 b:2001](#), Amendment 2 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$44.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC/TR 61439-0 Ed. 2.0 en:2013](#), Low-voltage switchgear and controlgear assemblies - Part 0: Guidance to specifying assemblies, \$337.00

UNINTERRUPTIBLE POWER SYSTEMS (UPS) (TC 22H)

[IEC 62040-4 Ed. 1.0 b:2013](#), Uninterruptible power systems (UPS) - Part 4: Environmental aspects - Requirements and reporting, \$104.00

IEC Technical Specifications**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

[IEC/TS 62351-5 Ed. 2.0 en:2013](#), Power systems management and associated information exchange - Data and communications security - Part 5: Security for IEC 60870-5 and derivatives, \$380.00

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

Approval of Reaccreditation

American Society for Nondestructive Testing (ASNT)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Society for Nondestructive Testing (ASNT), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ASNT-sponsored American National Standards, effective May 8, 2013. For additional information, please contact: Mr. Charles Longo, Certification Supervisor & Administrator of American National Standards, American Society for Nondestructive Testing, 1711 Arlingate Lane, P.O. Box 28518; Columbus, OH 43228-0518; phone: 614.274.6003; e-mail: clongo@asnt.org.

ANSI Accreditation Program for Third Party Personnel Certification Agencies

Initial Applications

LIUNA Training and Education Fund

Comment Deadline: June 10, 2013

LIUNA Training and Education Fund

PO Box 37, 37 Deerfield Rd,
Pomfret Center, CT 06259

LIUNA Training and Education Fund has submitted initial application under ANSI/ISO/IEC 17024 for the following scope:

- LIUNA Instructor
- Weatherization Superior
- Weatherization Technician/Installer

Please send your comments by June 10, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

Institute of Energy Management Professionals**Comment Deadline: June 10, 2013****Institute of Energy Management Professionals**

Georgia Institute of Technology
75 Fifth Street, NW, Suite 300,
Atlanta, GA 30308,

Institute of Energy Management Professionals has submitted initial application under ANSI/ISO/IEC 17024 for the following scope:

- Certified Practitioner in Energy Management Systems - Industrial

Please send your comments by June 10, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

Institute of Inspection, Cleaning and Restoration Certification**Comment Deadline: June 10, 2013****Institute of Inspection, Cleaning and Restoration Certification**

715 E. Mill Plain Blvd.
Vancouver, WA 98661

Institute of Inspection, Cleaning and Restoration Certification has submitted application under ANSI/ISO/IEC 17024 for the following scope:

- Mold Removal Specialist

Please send your comments by June 10, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

Scope Extensions**Building Performance Institute****Comment Deadline: June 10, 2013****Building Performance Institute**

Saratoga Technology & Energy Park
107 Hermes Rd., Suite 110
Malta, NY 12020

Building Performance Institute has submitted scope extension application under ANSI/ISO/IEC 17024 for the following scopes:

- Crew Leader
- Energy Auditor Certification
- Quality Control Inspector Certification
- Retrofit Installer Technician

Please send your comments by June 10, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

Professional Evaluation and Certification Board**Comment Deadline: June 10, 2013****Professional Evaluation and Certification Board**

109 E. 17th Street, Suite 63
Cheyenne, WY 82001

Professional Evaluation and Certification Board has submitted scope extension application under ANSI/ISO/IEC 17024 for the following scopes:

- CLFE-Certified Lead Forensics Examiner
- ISO 14001 Lead Auditor
- ISO 14001 Lead Implementer
- ISO 14001 Master
- ISO 20000 Lead Auditor
- ISO 20000 Lead Implementer
- ISO 20000 Master
- ISO 22000 Lead Auditor
- ISO 22000 Lead Implementer
- ISO 22000 Master
- ISO 22301 Lead Auditor
- ISO 22301 Lead Implementer
- ISO 22301 Master
- ISO 26000 Lead Auditor
- ISO 26000 Lead Implementer
- ISO 26000 Master
- ISO 27002 Manager
- ISO 27005 Risk Manager
- ISO 28000 Lead Auditor
- ISO 28000 Lead Implementer
- ISO 28000 Master
- ISO 31000 Risk Manager
- ISO 9001 Lead Auditor
- ISO 9001 Lead Implementer
- ISO 9001 Master
- OHSAS 18001 Lead Auditor
- OHSAS 18001 Lead Implementer
- OHSAS18001 Master

Please send your comments by June 10, 2013 to Dr. Vijay Krishna, Director, Personnel Certification Accreditation Programs, American National Standards Institute, 1899 L Street, NW, Suite 1100, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: vkrishna@ansi.org.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Scope Extension

TÜV Rheinland Energie und Umwelt GmbH

Comment Deadline: June 10, 2013

TÜV Rheinland Energie und Umwelt GmbH

Roland Wollenweber, Manager

Am Grauen Stein

Cologne 51105

GERMANY

Tel: +49 221 806 3553

E-mail: Roland.Wollenweber@de.tuv.com

On March 25, 2013 the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve an extension of scope of accreditation for TÜV Rheinland Energie und Umwelt GmbH for the following:

Standards:

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

Scopes:

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

Sector Group 05. Livestock

Sector Group 06. Waste Handling and Disposal

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

Sector Group 05. Livestock

Sector Group 06. Waste Handling and Disposal

Please send your comments by June 10, 2013 to Ann Bowles, Director of Environmental Accreditation Programs, Program, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287, or e-mail: abowles@ansi.org.

International Organization for Standardization (ISO)

Call for US/TAG Administrator

ISO/TC 173/SC 3 – Aids for Ostomy and Incontinence

ANSI has been informed that AAMI (Association for the Advancement of Medical Instrumentation), the ANSI accredited US/TAG administrator for ISO/TC 173/SC 3, wishes to relinquish the role as US/TAG administrator. ISO/TC 173/SC 3 has the following scope:

Standardization in the field of assistive products for persons with disability.

Organizations interested in serving as the US/TAG administrator should contact ISOT@ansi.org.

New Field of ISO Technical Activity

Remanufacturing of Mechanical Products

Comment Deadline: June 14, 2013

SAC (China) has submitted to ISO the attached proposal for a new field of ISO technical work on Remanufacturing of mechanical products, with the following scope statement:

Standardization of mechanical products remanufacturing, including product, technology, management and service and so on.

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, June 14, 2013.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S TAG to ISO TC 265 – Carbon Dioxide Capture, Transportation and Geological Storage

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of a U.S. Technical Advisory Group to ISO TC 265, Carbon dioxide capture, transportation and geological storage under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with CSA Standards serving as TAG Administrator, effective May 7, 2013. For additional information, please contact: Mr. Peter Ehlers, CSA Standards, 8501 East Pleasant Valley Road, Independence, OH 44131; phone: 216.524.4990; e-mail: peter.ehlers@csa-america.org.

Reaccreditation

U.S. TAG to ISO TC 207 – Environmental Management

Comment Deadline: June 10, 2013

The U.S. Technical Advisory Group (TAG) to ISO/TC 207, Environmental Management has submitted revisions to its currently accredited TAG operating procedures on file. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of the U.S. TAG's to TC 207 revised procedures or to offer comments, please contact: Ms. Jennifer Admussen, Standards Manager, ASQ, 600 North Plankinton Avenue, Milwaukee, WI 53201; phone: 800.248.1946, ext. 7736; e-mail: standards@asq.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 ASQ by June 10, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompo@ANSI.org).

Meeting Notices

The ADA Standards Committee on Dental Informatics (ADA SCDI) will hold its next meeting October 28-30 at the Hilton New Orleans Riverside, New Orleans, LA. The meeting has been expanded to 2-1/2 days and will begin at Monday, October 28 at 9:00 a.m. and conclude at 12:00 p.m. on Wednesday, October 30.

A joint DICOM WG 22/SCDI WG 12.1 will take place Monday, October 28 at 9:00 a.m.

The IHE Dental Domain will meet Tuesday, October 29 at 2:00 p.m. The SCDI Plenary meeting will be on Wednesday, October 30, starting at 8:30 a.m.

A special panel discussion and presentation on the IHE Connectathon will take place for dental imaging and practice management system vendors on Wednesday, October 28 at 2:00 p.m. All vendors are encouraged to send a representative to this session, which will demonstrate the growing importance of system validation through testing at the IHE Connectathon.

Please contact Paul Bralower at bralowerp@ada.org with any questions.

Information Concerning

International Organization for Standardization (ISO)

Call for US/TAG Administrator

ISO/TC 163 – Thermal Performance and Energy Use in the Built Environment

ANSI has been informed that ASTM International, the ANSI accredited US/TAG administrator for ISO/TC 163, wishes to relinquish the role as US/TAG administrator. ISO/TC 163 has the following scope:

Standardization in the field of building and civil engineering works

◦of thermal and hygrothermal performance of materials, products, components, elements and systems, including complete buildings, both new and existing, and their interaction with technical building systems;

◦of thermal insulation materials, products and systems for building and industrial application, including insulation of installed equipment in buildings;

Covering and including:

◦test and calculation methods for heat and moisture transfer, temperature and moisture conditions;

◦test and calculation methods for energy use in buildings, including the industrial built environment;

◦test and calculation methods for heating and cooling loads in buildings;

◦test and calculation methods for daylighting, ventilation, and air infiltration;

◦in-situ test methods for thermal, hygrothermal and energy performance of buildings and building components, input data for calculations, including climatic data;

◦specifications for thermal insulation materials, products and systems with related test methods and conformity criteria; terminology; and general review and coordination of work on thermal and hygrothermal performance within ISO.

Excluded:

◦building environment design (ISO/TC 205);

◦methods of testing and rating the performance of building environmental equipment for application in the design of new buildings and retrofits (ISO/TC 205); and

◦design methods and criteria for daylighting, ventilation and air infiltration (ISO/TC 205).

Covering also:

Standardization of the holistic assessment of the energy performance of new and existing buildings as well as building retrofits, in close collaboration with ISO/TC 205 by means of the ISO/TC163/WG4 Joint working group TC 163 & TC 205, Energy performance using holistic approach, including:

- terms and definitions;*
- system boundaries for buildings and technical systems;*
- assessment of the overall energy performance of buildings, taking into account:*
 - the energy performance of building elements;*
 - building-related systems (heating, cooling, domestic hot water, ventilation, lighting, system controls, transport, and other energy-related systems);*
 - indoor and outdoor conditions;*
 - local energy production (on-site and at district level);*
 - (use of) energy sources (including renewable);*
 - building commissioning;*
 - assessment of overall energy efficiency; and*
 - means of expressing the energy performance and energy performance certification of buildings.*

Organizations interested in serving as the US/TAG administrator should contact ISOT@ansi.org.

Information Concerning

International Organization for Standardization (ISO)

New Work Item Proposal

Collaborative Business Relationship Management

Comment Deadline: June 7, 2013

BSI (United Kingdom) has submitted to ISO a new work item proposal for a new ISO standard on Collaborative business relationship management – Requirements, with the following scope statement:

This International Standard will specify requirements for supporting collaborative relationships by providing an effective framework for organizations to identify, establish, maintain, improve and exit collaborative inter-firm relationships. This international standard will provide guidance on the processes required to develop and manage collaboration – inter-organizational relationships such as formal and informal partnerships, alliances, joint ventures, and collaborative supply chain arrangements – and to optimise the value of such relationships.

The standard will help to support the development and management of collaborative business relationships between independent/discrete organizations. It will be applicable to organizations of all sizes from large multinational corporations to micro-small businesses and can apply to several different types of relationship for example:

- a single application (internal divisional relationships, single project or programme, merger and acquisition);
- a specific relationship (a business partnership or joint venture);
- multiple-enterprise relationships (alliances, consortia, networks, and end-to-end supply chains).

The adoption of collaborative working may complement and enhance existing business relationship by promoting activities and behaviours that adds value to all the parties involved. It can provide a more effective way of working and help to build a more strategic environment that opens the way to create increased performance.

The deployment of collaborative approaches does not deflect from any requirements to maintain open and free competition. The development of a new ISO standard for optimising collaborative relationships is also intended to complement and enhance existing contracting processes. Collaborative approaches are expected to be able to operate in unison with either legislative and regulatory requirements or policies, whether corporate or governmental, aimed at ensuring open and free competition. BS 11000-1 2010 Collaborative Business Relationships - a framework specification (attached to this email) will be used as the base document for this International Standard, though the International Standard will be developed using the Annex SL structure.

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, June 7, 2013.

BALLOT

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Changes made in revision 2 are underlined and highlighted.

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2 Normative references

ASTM C-1227-12. *Standard Specification for Precast Concrete Septic Tanks*

Reason: This Standard was added to section 11.4.1. The normative reference will also have the appropriate footnote added prior to publication.

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11 Field Verification for Longevity

Reason: This will be balloted as the new standard NSF 418 after this revision has been accepted by the Joint Committee.

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11.3 Selection of systems

11.3.1 Number of systems

Each manufacturer seeking to verify field longevity under this section shall identify a representative pool of not less than 40 systems suitable for testing. From the pool of systems submitted by the manufacturer, the Verification Organization shall randomly select a minimum of 15 systems for testing and not less than five reserve systems for a total of at least 20. At the request of the manufacturer, additional systems ~~should be~~ selected by the Verification Organization from the pool of 40 prior to initiating sampling under this protocol ~~shall be and~~ sampled and the data used in the event there is a need to disqualify more than 5 of the initial 15 systems. ~~In lieu of selecting all systems for testing from a random pool of not less than 40 systems, the manufacturer recommend systems for selection from an existing State or local regulatory agency field performance evaluation program. The recommended systems shall be similarly representative of a random pool, as determined by the Verification Organization.~~

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11.4 Filter Performance Evaluation

11.4.1 Pre-evaluation assessment

- 1) The Testing Organization shall conduct pre-evaluation assessments and field site evaluations of systems to be tested under this Standard.
- 2) Site accessibility shall be assessed to assure the evaluators have adequate access to the system components. An evaluation shall be made of conditions that would make site evaluation difficult or hazardous to those conducting the evaluation such as the presence of guard animals, pets, locked gates, etc.)
- 3) As part of the pre-evaluation assessment the tank shall be verified that it generally meets the physical design requirements (Section 7) of ASTM C-1227-12 and (Section 3) of IAPMO Z-1000.

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- 4) An evaluation of the tank, outlet tee or baffle, and effluent filter shall be made. Effluent filters shall have a watertight access riser and cover that extend at least to finished grade to allow access to the filter and the tank compartment for evaluation.
- 5) The outlet pipe from the tank to the downstream system component shall be evaluated to assure that there is adequate elevation decline within the pipe to allow free flow to the next system component without a backup of effluent into the septic tank.
- 6) The tank configuration, dimensions, presence of baffles, liquid level and outlet invert elevation relative to an established (permanent) vertical benchmark, gallons per inch, etc, shall be recorded.
- 7) The manufacturer shall confirm agreement that the tank capacity and dimensions and the facility flow at each test site complies with the filter design/use requirements.
- 8) At the time of the pre-evaluation assessment, a record shall be made of the layout of the system on the property and photos shall be taken of the system for determining the optimum approach for planning the evaluation methods. At this visit, it shall be determined if there are any conditions that might affect the wastewater quality such as the inclusion of water treatment backwash water in the waste-stream or the presence of a kitchen garbage grinder. A means of monitoring water usage at the residence should be identified, such as a water meter or a septic tank effluent pump meter.
- 9) Systems shall be in use at least 30 days prior to the beginning of the monitoring period. All systems selected that have been in use for over 12 months shall have the contents of the septic tanks pumped out between 21 and 30 days prior to the beginning of the monitoring period and a new filter shall be installed on the tank outlet device.
- 10) Lockout devices shall be installed on tank risers in order to assure detection of tampering or unauthorized access of the tanks between field observation visits. An additional tamper indication device shall be placed on the effluent filter which shall remain in place throughout the evaluation period.

11.4.2 Schedule of evaluation

At a minimum, effluent filters shall be evaluated at 6-month intervals for an evaluation period of at least 18 months. A manufacturer could choose to have the evaluation period extend beyond 18 months based on specific longevity claims.

11.4.3 Field observations/measurements

Each monitoring visit shall consist of observing and recording at a minimum, the following:

- Tank contents, both qualitative and quantitative description of the profiles in each tank compartment such as:
 - 1) The appearance of the scum layer, thickness and percent of surface area covered.
 - 2) The color, depth, and apparent clarity of the clear zone liquid.

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3) The color and depth of the sludge layer.

4) The presence of non-decomposed items and the presence of non-biodegradable products.

- The operating liquid level of the tank relative to the invert of the outlet and the pre-established vertical benchmark
- Any indications of high liquid level operations since the last visit relative to the invert of the outlet
- Water meter readings and effluent pump meter recordings if available
- Verification that the system has not been serviced or tampered with and that the filter has not been removed from the case
- Any site conditions that could impact operation or evaluation of the system, such as the number of residents in the home, changes in resident conditions that could impact system operation, excess flow into the system from plumbing leaks or storm water inflow or infiltration, mechanical or electrical problems with the system, etc

The effluent filter shall not be removed from the system and shall be left in place throughout the entire monitoring period and the Mature Filter Flow Measurement without servicing, inspection, or cleaning. Removal or displacement of the filter from the case shall be cause for disqualification of that site from the field performance evaluation. At the final monitoring visit, a flow-through measurement of the effluent filter shall be conducted.

11.4.4 Mature Filter Flow-Through Measurement

A means of detecting and recording the operating liquid level adjacent to the tank outlet tee shall be provided. Provisions shall be made to assure there is no sewage flow from the facility for two hours prior to and for the duration of the test. This should be accomplished by insertion of a watertight plug into the incoming pipe or by some other effective means.

Clean water shall be introduced into the tank at the normal point of entry at the sewer inlet pipe at a continuous rate of 18.2 Lpm (5 GPM) ~~5 GPM (18.2 Lpm)~~ for a 20 minute period. The operating level at the outlet tee shall be recorded on at least one-minute intervals. At the conclusion of the 20 minute period, the incoming flow shall be discontinued and operating level measurements recorded until the operating level returns to the pre-test elevation or for 90 minutes, whichever comes first.

11.4.5 Alternative Continuous Liquid Level Monitoring

As an alternative to the mature filter flow-through measurement described in 5.4, ~~a manufacturer should choose to provide~~ the manufacturer provides a liquid level sensing device and continuous data recording of tank liquid levels. If used as an alternate, the device shall provide liquid level readings adjacent to the tank outlet tee accurate to within ± 0.64 cm (0.25 in) at a frequency of no greater than one-hour increments.



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

NSF/ANSI Standard
for Drinking Water Treatment Units –

Glossary of drinking water treatment unit terminology

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3 Definitions

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X.X **reporting limit (RL)**: the minimum level **concentration**, for an undiluted sample, to which a laboratory may report a **quantified value for a** particular analyte as “Not Detected”.

Reason: Corrected definition per J. Kempic’s comment on ballot 330i3r2.

~~X.X **compounds of interest**: Compounds identified during the review of the product material formulations, which are to be searched for in the mass spectra results when identifying TICs.~~

Reason: Deleted definition per R. Herman’s comment on ballot 330i3r2 due to the fact that the recommended term in NSF/ANSI 42 and other relevant standards is “tentatively identified compound” (TIC.)

X.X **target compounds** (targets): ~~these~~ **an** analytes for which the analytical system has been specifically validated, and for the samples in question specifically calibrated in accordance with the referenced analytical procedure. Through this validation, the target compounds ~~have~~ **has** well defined method recovery (accuracy) and reproducibility (precision) data.

X.X. **tentatively identified compound (TIC)**: ~~are these analytes~~ an **analyte** which **has** have been detected by mass spectrometry and identified without the use of an authentic standard for the compound.

NOTE: Identification can be supported through matching library spectra or through spectral interpretation, but verification can only be performed through the analysis of an authentic standard; verifying the retention time, spectrum, and concentration. If no authentic standard exists and there is no relevant spectrum to compare to and the spectrum is not sufficient enough to provide an identification through interpretation, then only a class of compound can be provided (e.g. alkane, hydrocarbon, etc.) as the identification.

Reason: Corrected definition to singular form per R. Herman’s comment on ballot 330i3r2.

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

1. Revise cord length requirement for stake-mounted portable luminaires

31.3 A power-supply cord shall be at least 5 feet (1.5 m) long measured from the point where the cord emerges from the body of the lamp to the face of the attachment plug or connector.

Exception No. 1: When the intended means of mounting or other features or constructions of any portable luminaire warrants other than the required length of power supply cord, a shorter cord (or no cord) is permitted when instructions are provided in accordance with 183.6. Examples include portable luminaires intended for mounting to machinery, where a longer cord could be subject to mechanical damage, or portable luminaires intended to be mounted to furnishings or cabinets immediately adjacent to a built-in receptacle.

Exception No. 2: For a portable luminaire with a non-integral, through-cord power supply, the power supply cord shall be at least 2 ft (0.61 m) long and the overall length of cord (power supply cord plus power supply output cord) shall be at least 5 ft (1.5 m) long. For a portable luminaire with a non-integral, direct plug-in power supply, the power supply output cord shall be at least 5 ft (1.5 m) long.

Exception No. 3: A portable luminaire provided with a stake, per 119.6, is not required to comply with this requirement when instructions are provided in accordance with 193.2.

2. Revise power supply cord routing for portable cabinet lights

83.1.3 Means shall be provided to support the ~~prevent~~ cord to reduce risk of contact with the portable cabinet light at a location other than the cord exit, unless the cord is rated for the maximum temperature of any location it may contact.

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BSR/UL 448A, Standard for Flexible Couplings and Connecting Shafts for Fire Pumps[^]

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Clarify and Update Requirements Related to the Construction, Performance Testing and Marking of Flexible Couplings and Connecting Shafts**PROPOSAL**

5.5 SERVICE FACTOR - A factor referenced in the manufacturer's installation that is intended to be applied to the calculated end use application torque based upon the type of pump and driver to be connected with the coupling or connecting shaft.

10.1 Flexible connecting shaft needle or roller bearings shall have a B-10 rating of not less than 5,000 hours for all speeds within a rated speed range based on the following equation unless the published bearing factor for the universal joint is intended to be utilized in different equation

$$L_h = [(1.5 \times 10^6) / (N \times A)] \times (B_f / T_r)^{10/3}$$

in which:

L_h is the B-10 rating in hours;

N is the speed associated with the torque rating in revolutions per minute;

A is the intended operating angle in degrees,

B_f is the bearing factor published for the universal joint in ft-lbs; and

T_r is the torque rating as tested in Section 13, Endurance and Starting Cycle in ft-lbs;

13.2.2 Before and after the endurance test specified in 13.2.1, the driver (see 13.1.2) is to be started and accelerated as quickly as possible to maximum rated speed at rated torque, operated at that speed for no less than 30 seconds, and then stopped. Starting tests conducted with an electric motor driver shall be conducted using an across-the-line starting arrangement. A test arrangement simulating the starting of an across-the-line motor shall be permitted to be used if it is demonstrated to be an equivalent or more challenging starting condition. For a diesel engine driver, the time to achieve the maximum rated speed at rated torque shall not exceed 20 seconds. A total of 40 starting cycles are to be conducted for each driver type intended for use with the flexible coupling. For each driver, twenty cycles are to be conducted before the endurance test, and twenty cycles after the endurance tests. All starting tests are to be conducted with the flexible coupling aligned as described in 13.2.1.

13.3.2 Before and after the endurance test specified in 13.3.1, the driver (see 13.1.2) is to be started and accelerated as quickly as possible to maximum rated speed at rated torque, operated at that speed for no less than 30 seconds, and then stopped. Starting tests conducted with an electric motor driver shall be conducted using an across-the-line starting arrangement. A test arrangement simulating the starting of an across-the-line motor shall be permitted to be used if it is demonstrated to be an equivalent or more challenging starting condition. For a diesel engine driver, the time to achieve the maximum rated speed at rated torque shall not exceed 20 seconds. A total of 40 starting cycles are to be conducted for each driver

type intended for use with the flexible connecting shaft. For each driver, twenty cycles are to be conducted before the endurance test, and twenty cycles after the endurance tests. All starting tests are to be conducted with the flexible connecting shaft aligned as described in 13.3.1.

14.1 After exposure to air-oven aging for 180 days at $212 \pm 1.8^\circ\text{F}$ ($100 \pm 1.0^\circ\text{C}$) or at a temperature determined in 14.3, as appropriate as specified in 14.2–14.4, a polymeric coupling or coupling component that transmits power shall not show signs of cracking and shall comply with the requirements of the Endurance and Starting Cycle Test, Section 13. A flexible coupling incorporating a polymeric component need not be subjected to the Endurance and Starting Cycle Test, Section 13, before aging if tested to determine conformance with the requirements after the aging tests.

14.2 Representative The polymeric coupling and coupling part samples to be aged are to be supported in a full-draft circulating-air oven that has been preheated at full draft to the exposure test temperature $212 \pm 1.8^\circ\text{F}$ ($100 \pm 1.0^\circ\text{C}$). Samples are not to touch one another or the sides of the oven. The samples of polymeric coupling and coupling parts are to be aged for the required time period 180 days at full draft and then allowed to cool in air at $73.4 \pm 3.6^\circ\text{F}$ ($23.0 \pm 2.0^\circ\text{C}$) for at least 24 hours before conducting any tests. The oven used for the accelerated aging is to be a Type IIA oven as in the Standard for Gravity-Convection and Forced-Ventilation Ovens, ASTM 145-2011. As used in this test, the term "full draft" refers to use of the oven with inlet and outlet vents open and the air vent damper control at a maximum setting to provide 250 to 350 air changes per hour.

16.1 A flexible coupling or connecting shaft shall be marked with the following:

- a) Name or identifying symbol of the manufacturer or private labeler;
- b) Distinctive model number, catalog designation, or the equivalent;
- c) Maximum torque rating or ratings for flexible couplings and;
- d) Torque rating at minimum speed and torque rating at maximum speed for flexible connecting shafts; and
- e) ~~e)~~ Year of manufacture.

Exception: Flexible couplings or flexible connecting shafts produced in the last three months of a calendar year may be marked with the following year as the date of manufacture. Couplings or connecting shafts produced in the first six months of a calendar may be marked with the previous year as the date of manufacture.

17.1 A copy of the installation and design instructions shall be provided for use as a guide in the examination and testing of flexible couplings or flexible connecting shaft.

The installation instructions shall reference the information required for the proper installation of the flexible couplings or flexible connecting shaft and shall include at least the following items:

- a) Model designation;
- b) Information on intended shaft size and dimensional compatibility;
- c) Minimum (flexible couplings only) and maximum torque rating or ratings, and formula for determining the correlated horsepower;

- d) e) Information indicating that the flexible coupling or flexible connecting shaft shall be selected based on the rating of the driver and not the pump;
- e) e) Information on the application of service factors to the calculated application torque as specified by the manufacturer, but no less than those referenced in Table 17.1 with an indication that the calculated end use torque, as adjusted by the service factor, is not to exceed the maximum torque rating;
- f) Maximum speed in rpm;
- g) Weight;
- h) Dimensions;
- i) Maximum permitted angular and parallel misalignment;
- j) Maximum and minimum gap between shaft hubs (flexible couplings only);
- k) Minimum and maximum installed length (flexible connecting shafts only);
- l) The name of the manufacturer or private labeler, or equivalent designation;
- m) Step-by-step instructions for field installation including the use of supplied fasteners, bolting torque values, lubrication;
- n) Recommendation for a torsional analysis to be conducted on the actual drive system arrangement;
- o) Instructions for maintenance;
- p) Type of driver intended for use with the coupling (electric motor or engine, or both electric motor and engine); and;
- q) Reference to installation in accordance with Standard for Installation of Stationary Pumps for Fire Protection, NFPA 20.

Table 17.1*Service factors for determining application torque*

Load type	Driver type		
	Electric motor	Diesel engine - 5 or less cylinders	Diesel engine - 6 or more cylinders
Centrifugal Pump	1.00	2.00	1.50
Reciprocating Pump - Double Acting	2.00	3.00	2.50
Reciprocating Pump - 1 or 2 Cylinders	2.25	3.25	2.75
Reciprocating Pump - 3 or more cylinders	1.75	2.75	2.25
Rotary - gear, lobe or vane	1.50	2.50	2.00

Note - The service factors for the load type specified in this Table are referenced in the *Load Classification and Service Factors for Flexible Couplings Information Sheet, AGMA 922-A96 published by the American Gear Manufacturers Association.*

BSR/UL 486C, Standard for Safety for Splicing Wire Connectors

1. Testing with Uninsulated Conductors

9.1.3.2 A thermocouple on a control conductor used in the current-cycling test shall be located at the midpoint of the conductor and under the conductor insulation. The thermocouple shall be secured by soldering, by use of an adhesive, or by other equivalent means. The conductor insulation shall be replaced over the thermocouple location. The surface of the conductor metal shall not be penetrated. Drilling and peening shall not be used. When uninsulated wire is used, thermocouple is not placed under any conductor insulation.

9.1.3.3 For temperature measurements on a copper control conductor, the following technique shall be employed:

- a) A small flap shall be cut into the conductor insulation and rolled back to expose the conductor. When using uninsulated wire, this step shall be skipped.
- b) The thermocouple bead shall be positioned in the valley between conductor strands or on the surface of a solid conductor.
- c) The flap of insulation shall be repositioned and secured by a tightly wrapped, double layer of black thermoplastic tape extending not more than 12.7 mm (1/2 in) on each side of the flap, or by another similar means of holding the test conductor insulation in place. When using uninsulated wire, no insulation flap shall be used. A double layer of black thermoplastic tape shall be wrapped directly over the thermocouple bead.

9.1.3.4 For temperature measurements on an aluminum control conductor, if thermally conductive adhesive, which maintains direct contact with the strand of the control conductor, is used, the technique specified in 9.1.3.3 shall be used. When a thermally conductive adhesive is not used, the following technique shall be used:

- a) A 25.4 mm (1 in) minimum length of insulation over the full circumference of the conductor shall be removed. When using uninsulated wire, this step shall be skipped.
- b) For a solid conductor, the thermocouple shall be secured to the surface of the conductor.
- c) One conductor strand shall be pried out of the stranding just enough to insert the end of a soft copper ribbon measuring 6.4 mm (1/4 in) wide by 0.13 mm (0.005 in) thick to a length that overlaps approximately 3.2 mm (1/8 in), as illustrated in Figure 1. The conductor strand shall then be lightly tapped back down on the copper ribbon.
- d) The copper ribbon shall be wrapped partially around the conductor strands back to the one strand that has been pried out.
- e) The thermocouple shall be located on the copper ribbon in the valley formed by the pried-out strand and the adjacent strand and shall be soldered in place. The copper ribbon shall be wrapped completely around the bundle of strands and shall be cut off so that a 3.2 mm (1/8 in) overlap results. The ribbon shall be secured in place by reheating the solder behind the ribbon where the thermocouple is located.
- f) The section of insulation removed as described in a) shall be attached with the slit side directly opposite the thermocouple junction. Thin-walled heat shrinkable 125 °C tubing or a tightly wrapped, double layer of black thermoplastic tape extending not more than 12.7 mm (1/2 in) on each end of the section of insulation shall be used to hold it in place. When using uninsulated

wire, no insulation flap shall be used. A double layer of black thermoplastic tape wrapped directly over the copper ribbon or heat shrink tubing shall be used.

9.1.5.1 All test specimen conductors and control conductors shall comply with the requirements in Table 9, Table 10, and Table 11, see 9.1.5.1A. All test specimen conductors and control conductors shall be new (previously unused) or, with the concurrence of those concerned, shall be previously used conductors that have not attained a temperature of over 120 °C. For previously used conductors, used conductor ends shall be cut off and the resulting new ends of the conductor re-stripped in accordance with 9.1.6.

9.1.5.1A With reference to 9.1.5.1, a connector is not prohibited from being tested with uninsulated conductors when the connector assembly does not rely on the conductor insulation, i.e. insulation piercing connector. When using uninsulated conductors, Table 10 shall not be applied.

9.1.8.7 When preparing assemblies using uninsulated conductors, a tie wrap or similar means shall be used in close proximity to the wire opening to prevent splaying or spreading of the uninsulated conductor. This restriction shall be applied to the conductor end prior to any torqueing or crimping and shall remain in place during the remainder of the test.

Note: The use of a tie wrap or similar means is intended to maintain the relative positioning of the individual conductor strands with similar constraints that might occur if insulated conductors had been used, where the conductor insulation acts in the same capacity.

Table 10 - Conductor insulation^a

(Clause 9.1.5.1 and 9.1.5.1A)

		AWG or kcmil (mm ²)	Type of insulation
Aluminum	Solid and stranded	12 (3.31) and larger	THHN or T90
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper	Solid and stranded	30 - 24 (0.05 - 0.20)	Black thermoplastic at least 0.254 (0.010 in) thick
			Black thermoplastic at least 0.762 mm (0.030 in) thick
		14 (2.08) and larger	T90 or THHN
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper-clad aluminum	Solid and stranded	12 (3.31) and larger	T90 or THHN
			THW
			RW90 (1000V) or USE
			RW90 (600V) or XHHW

^a Table 10 is not applicable when testing with uninsulated wire.

2. Test Conductor Insulation – Aluminum

Table 10 - Conductor insulation

(Clause 9.1.5.1)

		AWG or kcmil (mm²)	Type of insulation
Aluminum	Solid and stranded	12 (3.31) and larger	THHN or T90
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
			<u>PE or XLPE thermoset insulation</u>
Copper	Solid and stranded	30 - 24 (0.05 - 0.20)	Black thermoplastic at least 0.254 (0.010 in) thick
		22 - 16 (0.32 - 1.31)	Black thermoplastic at least 0.762 mm (0.030 in) thick
		14 (2.08) and larger	T90 or THHN
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper-clad aluminum	Solid and stranded	12 (3.31) and larger	T90 or THHN
			THW
			RW90 (1000V) or USE
			RW90 (600V) or XHHW

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BSR/UL 486A-486B, Standard for Safety for Wire Connectors

1. Testing with Uninsulated Conductors

9.1.3.2 A thermocouple on a control conductor used in the current-cycling test shall be located at the midpoint of the conductor and under the conductor insulation. The thermocouple shall be secured by soldering, by use of an adhesive, or by other equivalent means. The conductor insulation shall be replaced over the thermocouple location. The surface of the conductor metal shall not be penetrated. Drilling and peening shall not be used. When uninsulated wire is used, thermocouple is not placed under any conductor insulation.

9.1.3.3 For temperature measurements on a copper control conductor, the following technique shall be employed:

- a) A small flap shall be cut into the conductor insulation and rolled back to expose the conductor. When using uninsulated wire, this step shall be skipped.
- b) The thermocouple bead shall be positioned in the valley between conductor strands or on the surface of a solid conductor.
- c) The flap of insulation shall be repositioned and secured by a tightly wrapped, double layer of black thermoplastic tape extending not more than 12.7 mm (1/2 in) on each side of the flap, or by another similar means of holding the test conductor insulation in place. When using uninsulated wire, no insulation flap shall be used. A double layer of black thermoplastic tape shall be wrapped directly over the thermocouple bead.

9.1.3.4 For temperature measurements on an aluminum control conductor, if a thermally conductive adhesive which maintains direct contact with the strand of the control conductor is used, the technique specified in 9.1.3.3 shall be used. When a thermally conductive adhesive is not used, the following technique shall be used:

- a) A 25.4 mm (1 in) minimum length of insulation over the full circumference of the conductor shall be removed. When using uninsulated wire, this step shall be skipped.
- b) For a solid conductor, the thermocouple shall be secured to the surface of the conductor.
- c) One conductor strand shall be pried out of the stranding just enough to insert the end of a soft copper ribbon measuring 6.4 mm (1/4 in) wide x 0.13 mm (0.005 in) thick to a length that overlaps approximately 3.2 mm (1/8 in) as illustrated in Figure 1. The conductor strand shall then be lightly tapped back down on the copper ribbon.
- d) The copper ribbon shall be wrapped partially around the conductor strands back to the one strand that has been pried out.
- e) The thermocouple shall be located on the copper ribbon in the valley formed by the pried-out strand and the adjacent strand and shall be soldered in place. The copper ribbon shall be wrapped completely around the bundle of strands and shall be cut off so that a 3.2 mm (1/8 in) overlap results. The ribbon shall be secured in place by reheating the solder behind the ribbon where the thermocouple is located.
- f) The section of insulation removed as described in a) shall be attached with the slit side directly opposite the thermocouple junction. Thin-walled heat shrinkable 125°C tubing or a tightly wrapped, double layer of black thermoplastic tape extending not more than 12.7 mm (1/2 in) on each end of the section of insulation shall be used to hold it in place. When using uninsulated

wire, no insulation flap shall be used. A double layer of black thermoplastic tape wrapped directly over the copper ribbon or heat shrink tubing shall be used.

9.1.5.1 All test specimen conductors and control conductors shall comply with the requirements in Table 14, Table 15, and Table 16, see 9.1.5.1A. All test specimen conductors and control conductors shall be new (previously unused) or, with the concurrence of those concerned, shall be previously used conductors that have not attained a temperature of over 120°C. For previously used conductors, used conductor ends shall be cut off and the resulting new ends of the conductor re-stripped in accordance with 9.1.6.

9.1.5.1A With reference to 9.1.5.1, a connector is not prohibited from being tested with uninsulated conductors when the connector assembly does not rely on the conductor insulation, i.e. insulation piercing connector. When using uninsulated conductors, Table 16 shall not be applied.

9.1.8.9 When preparing assemblies using uninsulated conductors, a tie wrap or similar means shall be used in close proximity to the wire opening to prevent splaying or spreading of the uninsulated conductor. This restriction shall be applied to the conductor end prior to any torqueing or crimping and shall remain in place during the remainder of the test.

Note: The use of a tie wrap or similar means is intended to maintain the relative positioning of the individual conductor strands with similar constraints that might occur if insulated conductors had been used, where the conductor insulation acts in the same capacity.

Table 16 - Conductor insulation^a

(Clause 9.1.5.1 and 9.1.5.1A)

		AWG or kcmil (mm ²)	Type of insulation
Aluminum	Solid and stranded	12 (3.31) and larger	THHN or T90
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper	Solid and stranded	30 - 24 (0.05 - 0.20)	Black thermoplastic at least 0.254 (0.010 in) thick
			Black thermoplastic at least 0.762 mm (0.030 in) thick
		14 (2.08) and larger	T90 or THHN
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper-clad aluminum	Solid and stranded	12 (3.31) and larger	T90 or THHN
			THW
			RW90 (1000V) or USE
			RW90 (600V) or XHHW

^a Table 16 is not applicable when testing with uninsulated wire.

2. Test Conductors – Aluminum

Table 16 - Conductor insulation

(Clause 9.1.5.1)

		AWG or kcmil (mm²)	Type of insulation
Aluminum	Solid and stranded	12 (3.31) and larger	THHN or T90
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
			<u>PE or XLPE thermoset insulation</u>
Copper	Solid and stranded	30 - 24 (0.05 - 0.20)	Black thermoplastic at least 0.254 (0.010 in) thick
		22 - 16 (0.32 - 1.31)	Black thermoplastic at least 0.762 mm (0.030 in) thick
		14 (2.08) and larger	T90 or THHN
			THW or TW75
			RW90 (1000V) or USE
			RW90 (600V) or XHHW
Copper-clad aluminum	Solid and stranded	12 (3.31) and larger	T90 or THHN
			THW
			RW90 (1000V) or USE
			RW90 (600V) or XHHW

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