ANSI STANDARDS ACTION

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NOTE: This is a revised version of Standards Action in order to include a call for comment and members notice for BSR/GBI 01-201x

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: October 11, 2015

NSF (NSF International)

Revision

BSR/NSF 46-201x (i28r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2014)

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 graywater 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 the standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 61-201x (i127), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 1083-B-201x, Telecommunications - Communications Products - Handset - Magnetic Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 1083-A-2010)

TR-41.3 is developing guidelines in the area defined by the following scope: This standard defines measurement procedures and performance requirements for the handset generated audio band magnetic noise of wireline telephones. It can be used to evaluate devices with analog interfaces and digital interfaces that will reproduce sine waves in the telephone's receiver.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 12402-5-201X, Standard for Safety for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety requirements (national adoption with modifications of ISO 12402-5)

This proposal includes changes to the 5-8-15 proposed first edition of UL 12402-5.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Betty Holthouser, (919) 549-1896, betty.c.holthouser@ul.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 12402-9-201X, Standard for Safety for Personal Flotation Devices - Test Methods (national adoption with modifications of ISO 12402-9)

This proposal includes changes to the 5-8-15 proposed first edition of UL 12402-9.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Betty Holthouser, (919) 549-1896, betty.c.holthouser@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 858-201x, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2015a)

(1) Proposal to revise Temperature Limits of Child-Accessible Surfaces.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2556-201X, Standard for Safety for Wire and Cable Test Methods (proposal dated 05-01-15) (revision of ANSI/UL 2556-2013a)

This recirculation provides revisions to the UL 2556 proposed new edition dated 5-1-15.

Click here to view these changes in full

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

Comment Deadline: October 26, 2015

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

BSR/ASA S12.7-1986 (R201x), Methods for Measurement of Impulse Noise (reaffirmation and redesignation of ANSI S12.7-1986 (R2006))

Describes methods for measurement of impulse noise and presentation of data. Its scope applies to all kinds of impulse noise, whether discrete event sources, such as quarry and mining explosions or sonic booms, or from multiple event sources such as pile drivers, riveting, or machine-gun firing, but not to sounds from other sources which have specific measurement standards based on the general methods for measurement of quasisteady noise.

Single copy price: $90.00

Obtain an electronic copy from: asastds@acousticalsociety.org

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

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

ASA (ASC S3) (Acoustical Society of America)

New National Adoption

BSR ASA S3.44-201X/Part 1/ISO 1999-2013, Estimation of Noise-Induced Hearing Loss - Part 1: Method for Calculating Expected Noise-Induced Permanent Threshold Shift (a modified nationally adopted international standard) (national adoption of ISO 1999:2013 with modifications and revision of ANSI S3.44-1996 (R2006))

Specifies a method for calculating the expected noise-induced permanent threshold shift in the hearing threshold levels of adult populations due to various levels and durations of noise exposure; it provides the basis for calculating hearing disability according to various formulae when the hearing threshold levels at commonly measured audiometric frequencies, or combinations of such frequencies, exceed a certain value.

Single copy price: $149.00

Obtain an electronic copy from: asastds@acousticalsociety.org

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

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

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

Revision

BSR/ASHRAE Standard 103-201X, Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers (revision of ANSI/ASHRAE Standard 103-2007)

The purpose of this standard is to provide procedures for determining the annual fuel utilization efficiency of residential central furnaces and boilers.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

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

New Standard

BSR/ASSE A10.48-200x, Criteria for Safety Practices with the Construction, Demolition, and Maintenance of Telecommunications Towers (new standard)

This standard establishes minimum criteria for safe work practices and training for personnel performing work on communication structures including antenna and antenna-supporting structures, broadcast and other similar structures supporting communication-related equipment.

Single copy price: $50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

ASSE (Safety) (American Society of Safety Engineers)

Reaffirmation

BSR/ASSE Z590.3-2011 (R201x), Prevention through Design: Guidelines for Addressing Occupational Risks in Design and Redesign Processes (reaffirmation of ANSI/ASSE Z590.3-2011)

This Standard provides guidance on including prevention through design concepts and processes as a specifically identified element in a safety and health management system so that decisions pertaining to occupational risks are incorporated into the design and redesign processes, including consideration of the life cycle of facilities, materials, and equipment.

Single copy price: $50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR/ATIS 0600015.11-201x, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Power Systems, DC/DC Converters (new standard)

This document defines how to measure the Telecommunication Energy Efficiency Ratio (TEER) of DC/DC Converters. The standard also provides requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: $30.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600015.02-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Transport and Optical Access Requirements (revision of ANSI/ATIS 0600015.02-2014)

This document specifies the definition of tTransport and optical aAccess products and systems as well as a methodology to calculate the Telecommunication Energy Efficiency Ratio (TEER) of a transport or optical access system or network configuration. The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600332-201x, Electrical Protection of Network-Powered Broadband Facilities (revision of ANSI/ATIS 0600332-2010)

This standard provides the minimum electrical protection requirements intended to mitigate the disruptive and damaging effects of lighting and ac power faults to broadband facilities. Disturbances from lightning and ac power line faults may be disruptive to broadband service and may also result in damage to the broadband plant and equipment.

Single copy price: $145.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600337-201x, Requirements for Maximum Voltage, Current, and Power Levels in Network-Powered Transport Systems (revision of ANSI/ATIS 0600337-2010)

Network powering of transport systems requires higher levels of voltage and current to efficiently and effectively provide quality broadband services at increased distances over network telecommunications plant. However, network-power transport systems designers must also consider the electrical environment that is created by the introduction of these voltages and currents into network and customer premises telecommunications facilities.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

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

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

AWS (American Welding Society)

Revision

BSR/AWS D1.5M/D1.5-201x, Bridge Welding Code (revision of ANSI/AWS D1.5M/D1.5-2015)

This code covers the welding requirements for AASHTO welded highway bridges made from carbon and low-alloy constructional steels.

Single copy price: $176.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9353, sborrero@aws.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C909-201x, Molecularly Oriented Polyvinyl Chloride (Pvco) Pressure Pipe, 4 in. (100 mm) and Larger (revision of ANSI/AWWA C909-2009)

This standard pertains to molecularly oriented polyvinyl(chloride) (PVCO) pressure pipe that is manufactured from starting stock pipe made from ASTM D1784 cell class 12454 material. The starting stock materials are then oriented through circumferential expansion to provide a hydrostatic design basis (HDB) of 7,100 psi (49.0 MPa). The pipe is primarily intended for use in transporting potable water, wastewater, and reclaimed water in buried installations.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)

Revision

BSR/CSA NGV2-201x, Standard for Compressed natural gas vehicle fuel containers (revision of ANSI/CSA NGV2-2007 (R2012), ANSI/CSA NGV2a-2012, and ANSI NGV 2b-2012)

This standard contains requirements for the materials, design, manufacture, and testing of refillable containers intended for the storage of compressed natural gas for vehicle operation and which are affixed to the vehicle. The standard covers fuel containers of up to 1000 liter capacity.

Single copy price: Free

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

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

GBI (Green Building Initiative)

Revision

BSR/GBI 01-201x, Green Building Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2010)

The Standard includes criteria and practices for environmentally preferable design and construction of commercial buildings. Six green building assessment areas are included: Project Management, Site, Energy, Water, Materials, and Indoor Environment.

Single copy price: $electronic-FREE; paper-25.00 USD

Obtain an electronic copy from: http://www.thegbi.org/ansi

Order from: Maria Woodbury, (207) 807-8666, maria@thegbi.org

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

NAAMM (National Association of Architectural Metal Manufacturers)

Revision

BSR/NAAMM HMMA 867-201x, Guide Specification for Commercial Laminated Core Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 867-2006)

This standard was developed by the HMMA Division of NAAMM to provide guidance on the development of specifications for commercial laminated hollow metal doors and windows.

Single copy price: $25.00

Obtain an electronic copy from: http://www.naamm.org/ansi/pending.aspx

Order from: Vernon W. Lewis, Jr, NAAMM Technical Consultant, 123 College Place, #1101, Norfolk, VA 23510

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Product Identifier v1.2-201x, NCPDP Product Identifier Standard v1.2 (revision and redesignation of ANSI/NCPDP Product Identifier v1.1-2015)

The goal of this standard is to ensure that any change to critical product identifiers is managed in a way that does not adversely affect patient safety, financial processes involving drug products, and the healthcare applications that currently use these identifiers. NCPDP discussed the unintended consequences that could result from changes to the structure of product identifiers and initiated a project to develop a standard that could be used to protect the intended use, format, and structure of product identifiers.

Single copy price: $200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

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

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP SC WG110066201xxx#-201x, NCPDP SCRIPT Standard 201xxx# (revision and redesignation of ANSI/NCPDP SC 2015071-2015)

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

Single copy price: $200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

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

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP Specialized Standard WG110066201xxx#, NCPDP Specialized Standard 201xxx# (revision and redesignation of ANSI/NCPDP Specialized Standard 2015071-2015)

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

Single copy price: $200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

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

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

NCPDP (National Council for Prescription Drug Programs)

Revision

BSR/NCPDP TC vE8-201x, NCPDP Telecommunication Standard vE8 (revision and redesignation of ANSI/NCPDP TC vE7-2015)

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

Single copy price: $200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

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

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

NSF (NSF International)

New Standard

BSR/NSF 244-3-201x (i1), Supplemental microbiological water treatment systems - Filtration (new standard)

This standard provides a procedure for testing drinking water treatment devices and verification of the requirements for manufacturers for making microbial reduction claims on microbiologically safe water. This Standard provides testing and labeling requirements specifically for filtration technologies.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=28838

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

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 480 om-201x, Specular gloss of paper and paperboard at 75 degrees (new standard)

This method is for measuring the specular gloss of paper at 75 degrees (15 degrees from plane of paper). Although its chief application is for coated papers, it is also used for a variety of uncoated papers.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 534 om-201x, Brightness of clay and other mineral pigments (d/0 diffuse) (new standard)

This method describes a procedure for determining the brightness of clay and other mineral pigments that has been pulverized under controlled conditions and made into uniformly compacted pigment plaques.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 538 om-201x, Roughness of paper and paperboard (new standard)

This method is a measurement of the air flow between the specimen (backed by flat glass on the bottom side) and two pressurized, concentric annular lands that are impressed into the sample from the top side. The rate of air flow is related to the surface roughness of paper or paperboard.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Revision

BSR/TAPPI T 220 sp-201x, Physical testing of pulp handsheets (revision of ANSI/TAPPI T 220 sp-2010)

This procedure describes the testing of pulp handsheets, prepared in accordance with TAPPI T 205, Forming Handsheets for Physical Tests of Pulp, for their strength and other physical properties as well as their light-scattering coefficient.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7277, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

Withdrawal

ANSI/UL 1054-2008 (R2013), Special-Use Switches (withdrawal of ANSI/UL 1054-2008 (R2013))

Underwriters Laboratories Inc. announces that the Standard for Special-Use Switches, UL 1054 has been withdrawn and replaced by the Standard for Switches for Appliances - Part 1: General Requirements, UL 61058-1.

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

Comment Deadline: November 10, 2015

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

Withdrawal

INCITS/ISO/TS 19103:2005 [2010], Geographical information - Conceptual schema language (withdrawal of INCITS/ISO/TS 19103:2005 [2010])

ISO TS 19103:2005 provides rules and guidelines for the use of a conceptual schema language within the ISO geographic information standards. The chosen conceptual schema language is the Unified Modeling Language (UML). ISO TS 19103:2005 provides a profile of UML for use with geographic information. In addition, it provides guidelines on how UML should be used to create standardized geographic information and service models.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org

Order from: http://webstore.ansi.org

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

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

Withdrawal

INCITS/ISO/TS 19104:2008 [2010], Geographic information - Terminology (withdrawal of INCITS/ISO/TS 19104:2008 [2010])

ISO TS 19104:2008 is applicable to international communication in the field of geographic information. It provides the guidelines for collection and maintenance of terminology in the field of geographic information. It establishes criteria for selection of concepts to be included in other standards concerning geographic information, which are developed by ISO/TC 211, specifies the structure of the terminological record, and describes the principles for definition writing. ISO TS 19104:2008 also lays down the guidelines for maintenance of a Terminology Repository.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org

Order from: http://webstore.ansi.org

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

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

Withdrawal

INCITS/ISO/TS 19127:2005 [2010], Geographic information - Geodetic codes and parameters (withdrawal of INCITS/ISO/TS 19127:2005 [2010])

ISO TS 19127:2005 defines rules for the population and maintenance of registers of geodetic codes and parameters and identifies the data elements, in compliance with ISO 19135 and ISO 19111, required within these registers. Recommendations for the use of the registers, the legal aspects, the applicability to historic data, the completeness of the registers, and a mechanism for maintenance are specified by the registers themselves.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org

Order from: http://webstore.ansi.org

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

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

Withdrawal

INCITS/ISO/TS 19139:2007 [2010], Geographic information - Metadata - XML schema implementation (withdrawal of INCITS/ISO/TS 19139:2007 [2010])

ISO/TS 19139:2007 defines Geographic MetaData XML (GMD) encoding, an XML Schema implementation derived from ISO 19115.

Single copy price: $60.00

Obtain an electronic copy from: http://webstore.ansi.org

Order from: http://webstore.ansi.org

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

Withdrawal

ANSI/API RP 17C/ISO 13628-3-2002 (R2005), TFL (Through Flowline) Systems Petroleum and natural gas industries - Design and operation of subsea production systems - Part 3

The API subcommittee with oversight of API 17C (ISO 13628-3) has voted to withdraw ANSI/API RP 17C/ISO 13628-3-2002 (R2005) as an American National Standard and it will no longer be supported as an American National Standard within API. Questions: Edmund (Ed) Baniak, PhD, Baniake@api.org.

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 11138-1-201x, Sterilization of health care products - Biological indicators - Part 1: General requirements (identical national adoption of ISO/DIS 11138-1 and revision of ANSI/AAMI/ISO 11138-1 -2006 (R2010))

BSR/AAMI/ISO 11138-2-201x, Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (identical national adoption of ISO/DIS 11138-2 and revision of ANSI/AAMI/ISO 11138-2-2006 (R2010))

BSR/AAMI/ISO 11138-3-201x, Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (identical national adoption of ISO/DIS 11138-3 and revision of ANSI/AAMI/ISO 11138-3-2006 (R2010))

BSR/AAMI/ISO 11138-4-201x, Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (identical national adoption of ISO/DIS 11138-4 and revision of ANSI/AAMI/ISO 11138-4-2006 (R2010))

BSR/AAMI/ISO 11138-5-201x, Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (identical national adoption of ISO/DIS 11138-5 and revision of ANSI/AAMI/ISO 11138-5 -2006 (R2010))

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

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.48-200x, Criteria for Safety Practices with the Construction, Demolition, and Maintenance of Telecommunications Towers (new standard)

Obtain an electronic copy from: Tim Fisher

ASSE (Safety) (American Society of Safety Engineers)

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z590.3-2011 (R201x), Prevention through Design: Guidelines for Addressing Occupational Risks in Design and Redesign Processes (reaffirmation of ANSI/ASSE Z590.3-2011)

Obtain an electronic copy from: Tim Fisher

GBI (Green Building Initiative)

Office: 5410 SW Macadam Ave. Suite 150
Portland, OR 97239

Contact: *Maria Woodbury*

Phone: (207) 807-8666

E-mail: maria@thegbi.org

BSR/GBI 01-201x, Green Building Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2010)

Obtain an electronic copy from: http://www.thegbi.org/ansi

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/TS 19103:2005 [2010], Geographical information - Conceptual schema language (withdrawal of INCITS/ISO/TS 19103:2005 [2010])

Obtain an electronic copy from: http://webstore.ansi.org

INCITS/ISO/TS 19104:2008 [2010], Geographic information - Terminology (withdrawal of INCITS/ISO/TS 19104:2008 [2010])

Obtain an electronic copy from: http://webstore.ansi.org

INCITS/ISO/TS 19127:2005 [2010], Geographic information - Geodetic codes and parameters (withdrawal of INCITS/ISO/TS 19127:2005 [2010])

Obtain an electronic copy from: http://webstore.ansi.org

INCITS/ISO/TS 19139:2007 [2010], Geographic information - Metadata - XML schema implementation (withdrawal of INCITS/ISO/TS 19139:2007 [2010])

Obtain an electronic copy from: http://webstore.ansi.org

NAAMM (National Association of Architectural Metal Manufacturers)

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BSR/NAAMM HMMA 867-201x, Guide Specification for Commercial Laminated Core Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 867-2006)

Obtain an electronic copy from: http://www.naamm.org/ansi/pending.aspx

NACE (NACE International, the Corrosion Society)

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E-mail: Everett.bradshaw@nace.org

BSR/NACE SP0508-201x, Methods of Validating Equivalence to ISO 8502-9 on Measurement of the Levels of Soluble Salts (revision of ANSI/NACE SP0508-2010)

NSF (NSF International)

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Ann Arbor, MI 48105-9723

Contact: *Lauren Panoff*

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BSR/NSF 46-201x (i28r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2014)

TIA (Telecommunications Industry Association)

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Arlington, VA 22201

Contact: *Teesha Jenkins*

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BSR/TIA 1083-B-201x, Telecommunications - Communications Products - Handset - Magnetic Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 1083-A-2010)

Obtain an electronic copy from: TIA

VITA (VMEbus International Trade Association (VITA))

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BSR/VITA 42.0-201x, XMC Switched Mezzanine Card Auxiliary Standard (revision of ANSI/VITA 42.0-2014)

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.

AGMA (American Gear Manufacturers Association)

Revision

ANSI/AGMA 2015-2-B2015, Accuracy Classification System - Radial Measurements for Cylindrical Gears (revision of ANSI/AGMA 2015 -2-2006 (R2012)): 9/2/2015

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

Revision

ANSI/ASHRAE Standard 139-2015, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process (revision of ANSI/ASHRAE Standard 139-2007): 9/1/2015

ASTM (ASTM International)

Revision

ANSI/ASTM D1655-2015b, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2015): 4/20/2015

ANSI/ASTM D6615-2015, Specification for Jet B Wide-Cut Aviation Turbine Fuel (revision of ANSI/ASTM D6615-2014A): 4/20/2015

ANSI/ASTM F918-2015, Specification for Noncarbonated Mechanically Refrigerated Beverage Dispenser (Visible Product) (revision of ANSI/ASTM F918-2009): 8/24/2015

ANSI/ASTM F1696-2015, Test Method for Energy Performance of Single-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2014): 8/24/2015

ANSI/ASTM F1920-2015, Test Method for Performance of Rack Conveyor, Commercial Dishwashing Machines (revision of ANSI/ASTM F1920-2011): 8/24/2015

ANSI/ASTM F2643-2015, Specification for Powered Pot, Pan and Utensil Washing Sinks (revision of ANSI/ASTM F2643-2009): 8/24/2015

ANSI/ASTM F2891-2015, Specification for Commercial Bulk Milk Dispensers, Mechanically Refrigerated (revision of ANSI/ASTM F2891-2010): 8/24/2015

AWWA (American Water Works Association)

Revision

ANSI/AWWA A100-2015, Water Wells (revision of ANSI/AWWA A100 -2006): 9/2/2015

CSA (CSA Group)

Revision

* ANSI Z21.90-2015, Gas Convenience Outlets and Optional Enclosures (same as CSA 6.24) (revision of ANSI Z21.90-2001 (R2011), ANSI Z21.90a-2003, and ANSI Z21.90b-2006): 9/1/2015

ECIA (Electronic Components Industry Association)

Revision

ANSI/EIA 364-104B-2015, Flammability Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-104A-2000 (R2008)): 9/3/2015

ANSI/EIA 364-111A-2015, Test Procedure for Determining the Total Ionic Contamination of an Electrical Connector or Socket Assembly or Component (revision and redesignation of ANSI/EIA-364-111 -2008): 9/3/2015

ANSI/EIA 622-B-2015, Glossary of Electrical Connector Related Terms (revision and redesignation of ANSI/EIA 622-A-2007): 9/3/2015

HL7 (Health Level Seven)

Revision

ANSI/HL7 V2.8.2-2015, Health Level Seven Standard Version 2.8.2 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI/HL7 V2.8.1 -2014): 9/4/2015

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Reaffirmation

ANSI/ASSE Series 8000-2011 (R2015), Self-Contained Breathing Apparatus (SCBA) Replenishment Systems Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 8000 -2011): 9/4/2015

ANSI/ASSE Series 10000-2011 (R2015), Professional Qualifications Standard for Green Plumbing Systems Installers (reaffirmation of ANSI/ASSE Series 10000-2011): 9/4/2015

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

Withdrawal

INCITS/ISO/IEC TR 20943-1-2003 [R2014], Information technology - Procedures for achieving metadata registry (MDR) content consistency - Part 1: Data elements (withdrawal of INCITS/ISO/IEC TR 20943-1-2003 [R2014]): 9/4/2015

INCITS/ISO/IEC TR 9007:1987 [2010], Information processing systems - Concepts and terminology for the conceptual schema and the information base (withdrawal of INCITS/ISO/IEC TR 9007:1987 [2010]): 9/4/2015

INCITS/ISO/IEC TR 9789:1994 [2010], Information technology - Guidelines for the organization and representation of data elements for data interchange - Coding methods and principles (withdrawal of INCITS/ISO/IEC TR 9789:1994 [2010]): 9/4/2015

INCITS/ISO/IEC TR-15944-6:2009 [2010], Information technology - Business Operational View - Part 6: Technical introduction to e-Business modelling (withdrawal of INCITS/ISO/IEC TR-15944 -6:2009 [2010]): 9/4/2015

INCITS/ISO/IEC TR-20943-3:2004 [2010], Information technology - Procedures for achieving metadata registry content consistency - Part 3: Value domains (withdrawal of INCITS/ISO/IEC TR-20943 -3:2004 [2010]): 9/4/2015

NSF (NSF International)

Revision

* ANSI/NSF 53-2015 (i101), Drinking Water Treatment Systems - Health Effects (revision of ANSI/NSF 53-2015): 8/27/2015

* ANSI/NSF 61-2015 (i124), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a): 9/3/2015

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 2208-2006 (R2015), Standard for Safety for Solvent Distillation Units (reaffirmation of ANSI/UL 2208-2006 (R2011)): 9/1/2015

Revision

ANSI/UL 458-2015, Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts (revision of ANSI/UL 458-2013): 9/2/2015

ANSI/UL 458-2015a, Standard for Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts (revision of ANSI/UL 458-2013): 9/2/2015

ANSI/UL 778-2015, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2014b): 9/2/2015

ANSI/UL 778-2015a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2014b): 9/2/2015

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI/ISO 22442-1-201x, Medical devices utilizing animal tissues and their derivatives - Part 1: Application of risk management (identical national adoption of ISO 22442-1:2015(E) and revision of ANSI/AAMI/ISO 22442-1-2007 (R2011))

Stakeholders: Biological and clinical evaluation of medical devices and tissue product safety industry.

Project Need: Revision initiated for ISO standard, affecting the national adoption.

Applies to medical devices other than in-vitro diagnostic medical devices manufactured utilizing materials of animal origin, which are nonviable or have been rendered nonviable. Specifies, in conjunction with ANSI/AAMI/ISO 14971, a procedure to identify the hazards and hazardous situations associated with such devices, to estimate and evaluate the resulting risks, to control these risks, and to monitor the effectiveness of that control. Outlines the decision process for the residual risk acceptability, taking into account the balance of residual risk, as defined in ANSI/AAMI/ISO 14971, and expected medical benefit as compared to available alternatives.

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BSR/AAMI/ISO 11138-1-201x, Sterilization of health care products - Biological indicators - Part 1: General requirements (identical national adoption of ISO/DIS 11138-1 and revision of ANSI/AAMI/ISO 11138-1-2006 (R2010))

Stakeholders: Manufacturers and users of biological indicators.

Project Need: To provide general safety and performance requirements for biological indicators.

Provides general requirements for production, labelling, test methods and performance characteristics of biological indicators, including inoculated carriers and suspensions, and their components, to be used in the validation and routine monitoring of sterilization processes.

BSR/AAMI/ISO 11138-2-201x, Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (identical national adoption of ISO/DIS 11138-2 and revision of ANSI/AAMI/ISO 11138-2-2006 (R2010))

Stakeholders: Manufacturers and users of biological indicators for ethylene oxide sterilization processes.

Project Need: To provide safety and performance requirements for biological indicators for ethylene oxide sterilization processes.

Provides specific requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilizers and sterilization processes employing ethylene oxide gas as the sterilizing agent, either as pure ethylene oxide gas or mixtures of this gas with diluent gases, at sterilizing temperatures within the range of 29°C to 65°C.

BSR/AAMI/ISO 11138-3-201x, Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (identical national adoption of ISO/DIS 11138-3 and revision of ANSI/AAMI/ISO 11138-3-2006 (R2010))

Stakeholders: Manufacturers and users of biological indicators for moist-heat sterilization processes.

Project Need: To provide safety and performance requirements for biological indicators for moist-heat sterilization processes.

Provides specific requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilization processes employing moist heat as the sterilizing agent.

BSR/AAMI/ISO 11138-4-201x, Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (identical national adoption of ISO/DIS 11138-4 and revision of ANSI/AAMI/ISO 11138-4-2006 (R2010))

Stakeholders: Manufacturers and users of biological indicators for dry-heat sterilization processes.

Project Need: To provide safety and performance requirements for biological indicators for dry-heat sterilization processes.

Provides specific requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilization processes employing dry heat as the sterilizing agent at sterilizing temperatures within the range of 120°C to 180°C.

BSR/AAMI/ISO 11138-5-201x, Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (identical national adoption of ISO/DIS 11138-5 and revision of ANSI/AAMI/ISO 11138-5-2006 (R2010))

Stakeholders: Manufacturers and users of biological indicators for low-temperature steam and formaldehyde sterilization processes.

Project Need: To provide safety and performance requirements for biological indicators for low-temperature steam and formaldehyde sterilization processes.

Provides specific requirements for test organisms, suspensions, inoculated carriers, biological indicators, and test methods intended for use in assessing the performance of sterilization processes employing low-temperature steam and formaldehyde as the sterilizing agent.

ASABE (American Society of Agricultural and Biological Engineers)

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Contact: *Carla VanGilder*

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* BSR/ASABE S276.8 MONYEAR-201x, Slow Moving Vehicle Identification Emblem (SMV Emblem) (revision of ANSI/ASAE S276.7 W/Corr. 1 SEP2014 (R2014))

Stakeholders: Mower manufacturers, agricultural implement manufacturers and distributors, farmers, highway departments.

Project Need: The purpose of this revision is to clarify the requirement for the use of the SMV Emblem on towed agricultural implements and equipment. Update format. Clarify that the inner circle of the SMV is nonreflective red-orange fluorescent throughout standard.

Establishes specs that define a unique identification emblem, the Slow-Moving Vehicle Emblem (SMV Emblem), to be used only for slow-moving vehicles, when traveling on public roads. The purpose is to communicate to third parties the slower speed capabilities of the slow-moving vehicle to other vehicles using public roads. Primary application of SMV emblem is implements of husbandry but may be used with other vehicles traveling less than 40 km/h (25 mile/h) and in combination with a Speed Information Symbol (SIS) on vehicles that travel at speeds between 40 km/h (25 mile/h) and 65 km/h (40 mile/h).

NACE (NACE International, the Corrosion Society)

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Contact: *Everett Bradshaw*

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BSR/NACE SP0508-201x, Methods of Validating Equivalence to ISO 8502-9 on Measurement of the Levels of Soluble Salts (revision of ANSI/NACE SP0508-2010)

Stakeholders: Engineers, specification writers, test equipment suppliers, and contractors.

Project Need: Updates the test methods used to establish and compare equivalence of soluble salts on surfaces.

The purpose of this standard practice is to define a method that shows equivalence of other methods for measuring the level of contamination of soluble salts on surfaces to the Bresle patch method defined by ISO 8502-9. This standard practice provides a way to establish equivalence by testing and comparing results of the tests to meet established criteria that would be achieved using the method specified in ISO 8502 -9. Equivalence is evaluated at three salt levels (30 mg/m2, 50 mg/m2, and 85 mg/m2) on three surface conditions (grit-blasted steel, zinc silicate preconstruction primer on steel, and rusted steel).

VITA (VMEbus International Trade Association (VITA))

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BSR/VITA 42.0-201x, XMC Switched Mezzanine Card Auxiliary Standard (revision of ANSI/VITA 42.0-2014)

Stakeholders: VMEbus manufacturers and users, PMC manufacturers and users, embedded board manufacturers and users.

Project Need: A need exists to develop a standard for implementing high-speed-network fabrics on small-form-factor mezzanine modules.

This specification defines an open standard for supporting high-speed, switched interconnect protocols on an existing, widely deployed form factor. This revision defines the use of the original Paste-On-Pad (POP) vs the preferred solderball connectors.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

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ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Charles T. Zegers, General Secretary of the USNC (czegers@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM DIS 52901, Additive manufacturing - General principles - Requirements for purchased AM parts - 12/7/2015, $67.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 20683-1, Aircraft ground equipment - Design, test and maintenance for towbarless towing vehicles (TLTV) interfaced with nose-landing gear - Part 1: Main-line aircraft - 12/7/2015, $88.00

ISO/DIS 20683-2, Aircraft ground equipment - Design, test and maintenance for towbarless towing vehicles (TLTV) interfaced with nose-landing gear - Part 2: Regional aircraft - 12/7/2015, $71.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 11843-5/DAmd1, Capability of detection - Part 5: Methodology in the linear and non-linear calibration cases - Amendment 1 - 12/7/2015, $29.00

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO/DIS 10993-11, Biological evaluation of medical devices - Part 11: Tests for systemic toxicity - 12/7/2015, $102.00

FLOOR COVERINGS (TC 219)

ISO/DIS 20253, Textile floor coverings - Blade test - Flocked textile floor covering with pile - 10/4/2015, $40.00

GAS CYLINDERS (TC 58)

ISO 12209/DAmd1, Gas cylinders - Outlet connections for gas cylinder valves for compressed breathable air - Amendment 1: Outlet connection up to a maximum cylinder working pressure of 500 bar - 12/7/2015, $53.00

ISO/DIS 19016, Gas cylinders - Cylinders and tubes of composite construction - Modal acoustic emission (MAE) testing for periodic inspection and testing - 12/6/2015, $82.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 17972-3, Graphic technology - Colour data exchange format (CxF/X) - Part 3: Output target data (CxF/X-3) - 12/7/2015, $71.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAmd182, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign E025: Emergency hammer - 12/7/2015, $29.00

ISO 7010/DAmd183, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign P040: Do not set off fireworks - 12/7/2015, $29.00

ISO 7010/DAmd184, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign P041: No leaning against - 12/7/2015, $29.00

ISO 7010/DAmd185, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign P042: No pregnant women allowed - 12/7/2015, $29.00

ISO/DIS 3864-2, Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels - 12/7/2015, $77.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 5344/DAmd1, Electrodynamic vibration generating systems - Performance characteristics - Amendment 1 - 12/7/2015, $29.00

ISO 8626/DAmd1, Servo-hydraulic test equipment for generating vibration - Method of describing characteristics - Amendment 1 - 12/7/2015, $29.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 18251-1, Non-destructive testing - Infrared thermography - System and equipment - Part 1: Description of characteristics - 12/7/2015, $58.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 15025, Protective clothing - Protection against flame - Method of test for limited flame spread - 12/7/2015, $82.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 19291, Testing of lubricants - Tribological test in the translatory oscillation apparatus - Determination of tribological quantities for oils and greases in the translatory oscillation apparatus - 12/7/2015, $67.00

POWDER METALLURGY (TC 119)

ISO/DIS 3928, Sintered metal materials, excluding hardmetals - Fatigue test pieces - 12/7/2015, $46.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 22412, Particle size analysis - Dynamic light scattering (DLS) - 12/7/2015, $107.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 14823, Intelligent transport systems - Graphic data dictionary - 12/7/2015, $155.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 29341-20-1, Information technology - UPnP Device Architecture - Part 20-1: Audio video device control protocol - Level 4 - Audio video architecture - 10/4/2015, $98.00

ISO/IEC DIS 29341-20-2, Information technology - UPnP Device Architecture - Part 20-2: Audio video device control protocol - Level 4 - Media renderer device - 10/4/2015, $93.00

ISO/IEC DIS 29341-20-3, Information technology - UPnP Device Architecture - Part 20-3: Audio video device control protocol - Level 4 - Media server device - 10/4/2015, $93.00

ISO/IEC DIS 29341-20-4, Information technology - UPnP Device Architecture - Part 20-4: Audio video device control protocol - Level 4 - Datastructure template - 10/4/2015, $93.00

ISO/IEC DIS 29341-24-1, Information technology - UPnP Device Architecture - Part 24-1: Internet gateway device control protocol - Level 2 - Internet gateway device - 10/4/2015, $82.00

ISO/IEC DIS 29341-24-2, Information technology - UPnP Device Architecture - Part 24-2: Internet gateway device control protocol - Level 2 - Wide area network connection device - 10/4/2015, $62.00

ISO/IEC DIS 29341-24-3, Information technology - UPnP Device Architecture - Part 24-3: Internet gateway device control protocol - Level 2 - Wide area network device - 10/4/2015, $53.00

ISO/IEC DIS 29341-25-1, Information technology - UPnP Device Architecture - Part 25-1: Telephony device control protocol - Telephony architecture - 10/4/2015, $88.00

ISO/IEC DIS 29341-25-2, Information technology - UPnP Device Architecture - Part 25-2: Telephony device control protocol - Telephony security best practice - 10/4/2015, $88.00

ISO/IEC DIS 29341-25-3, Information technology - UPnP Device Architecture - Part 25-3: Telephony device control protocol - Telephony client device - 10/4/2015, $62.00

ISO/IEC DIS 29341-25-4, Information technology - UPnP Device Architecture - Part 25-4: Telephony device control protocol - Telephony server device - 10/4/2015, $62.00

ISO/IEC DIS 29341-26-1, Information technology - UPnP Device Architecture - Part 26-1: Telephony device control protocol - Level 2 - Telephony architecture - 10/4/2015, $77.00

ISO/IEC DIS 29341-26-2, Information technology - UPnP Device Architecture - Part 26-2: Telephony device control protocol - Level 2 - Telephony client device - 10/4/2015, $53.00

ISO/IEC DIS 29341-26-3, Information technology - UPnP Device Architecture - Part 26-3: Telephony device control protocol - Level 2 - Telephony server device - 10/4/2015, $53.00

ISO/IEC DIS 29341-27-1, Information technology - UPnP Device Architecture - Part 27-1: Friendly device control protocol - Friendly information update service - 10/4/2015, $102.00

ISO/IEC DIS 29341-28-1, Information technology - UPnP Device Architecture - Part 28-1: Multiscreen device control protocol - Multiscreen architecture - 10/4/2015, $62.00

ISO/IEC DIS 29341-28-2, Information technology - UPnP Device Architecture - Part 28-2: Multiscreen device control protocol - Screen device - 10/4/2015, $33.00

ISO/IEC DIS 29341-29-2, Information technology - UPnP Device Architecture - Part 29-2: Multiscreen device control protocol - Level 2 - Screen device - 10/4/2015, $33.00

ISO/IEC DIS 29341-30-1, Information technology - UPnP Device Architecture - Part 30-1: Sensor management device control protocol - Sensor management architecture - 10/4/2015, $125.00

ISO/IEC DIS 29341-30-2, Information technology - UPnP Device Architecture - Part 30-2: Sensor management device control protocol - Sensor management device - 10/4/2015, $58.00

ISO/IEC DIS 29341-20-10, Information technology - UPnP Device Architecture - Part 20-10: Audio video device control protocol - Level 4 - Audio video transport service - 10/4/2015, $175.00

ISO/IEC DIS 29341-20-11, Information technology - UPnP Device Architecture - Part 20-11: Audio video device control protocol - Level 4 - Connection manager service - 10/4/2015, $146.00

ISO/IEC DIS 29341-20-12, Information technology - UPnP Device Architecture - Part 20-12: Audio video device control protocol - Level 4 - Content directory service - 10/4/2015, $245.00

ISO/IEC DIS 29341-20-13, Information technology - UPnP Device Architecture - Part 20-13: Audio video device control protocol - Level 4 - Rendering control service - 10/4/2015, $175.00

ISO/IEC DIS 29341-20-14, Information technology - UPnP Device Architecture - Part 20-14: Audio video device control protocol - Level 4 - Scheduled recording service - 10/4/2015, $230.00

ISO/IEC DIS 29341-24-10, Information technology - UPnP Device Architecture - Part 24-10: Internet gateway device control protocol - Level 2 - Wide area network internet protocol - Connection service - 10/4/2015, $146.00

ISO/IEC DIS 29341-24-11, Information technology - UPnP Device Architecture - Part 24-11: Internet gateway device control protocol - Level 2 - Wide area network internet protocol v6 - Firewall control service - 10/4/2015, $102.00

ISO/IEC DIS 29341-25-10, Information technology - UPnP Device Architecture - Part 25-10: Telephony device control protocol - Call management service - 10/4/2015, $215.00

ISO/IEC DIS 29341-25-11, Information technology - UPnP Device Architecture - Part 25-11: Telephony device control protocol - Input configuration service - 10/4/2015, $112.00

ISO/IEC DIS 29341-25-12, Information technology - UPnP Device Architecture - Part 25-12: Telephony device control protocol - Media management service - 10/4/2015, $194.00

ISO/IEC DIS 29341-25-13, Information technology - UPnP Device Architecture - Part 25-13: Telephony device control protocol - Messaging service - 10/4/2015, $146.00

ISO/IEC DIS 29341-25-14, Information technology - UPnP Device Architecture - Part 25-14: Telephony device control protocol - Phone management service - 10/4/2015, $125.00

ISO/IEC DIS 29341-26-10, Information technology - UPnP Device Architecture - Part 26-10: Telephony device control protocol - Level 2 - Call management service - 10/4/2015, $230.00

ISO/IEC DIS 29341-26-11, Information technology - UPnP Device Architecture - Part 26-11: Telephony device control protocol - Level 2 - Media management service - 10/4/2015, $194.00

ISO/IEC DIS 29341-26-12, Information technology - UPnP Device Architecture - Part 26-12: Telephony device control protocol - Level 2 - Messaging service - 10/4/2015, $146.00

ISO/IEC DIS 29341-26-13, Information technology - UPnP Device Architecture - Part 26-13: Telephony device control protocol - Level 2 - Phone management service - 10/4/2015, $146.00

ISO/IEC DIS 29341-26-14, Information technology - UPnP Device Architecture - Part 26-14: Telephony device control protocol - Level 2 - Address book service - 10/4/2015, $102.00

ISO/IEC DIS 29341-26-15, Information technology - UPnP Device Architecture - Part 26-15: Telephony device control protocol - Level 2 - Calendar service - 10/4/2015, $107.00

ISO/IEC DIS 29341-26-16, Information technology - UPnP Device Architecture - Part 26-16: Telephony device control protocol - Level 2 - Presence service - 10/4/2015, $107.00

ISO/IEC DIS 29341-28-10, Information technology - UPnP Device Architecture - Part 28-10: Multiscreen device control protocol - Application management service - 10/4/2015, $82.00

ISO/IEC DIS 29341-29-10, Information technology - UPnP Device Architecture - Part 29-10: Multiscreen device control protocol - Level 2 - Application management service - 10/4/2015, $107.00

ISO/IEC DIS 29341-30-10, Information technology - UPnP Device Architecture - Part 30-10: Sensor management device control protocol - Data store service - 10/4/2015, $119.00

ISO/IEC DIS 29341-30-11, Information technology - UPnP Device Architecture - Part 30-11: Sensor management device control protocol - Sensor data model service - 10/4/2015, $146.00

ISO/IEC DIS 29341-30-12, Information technology - UPnP Device Architecture - Part 30-12: Sensor management device control protocol - Sensor transport generic service - 10/4/2015, $88.00

IEC Standards

13/1651A/FDIS, IEC 62056-6-2 Ed. 2.0, Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-2: COSEM interface classes, 10/30/2015

18A/387A/CDV, IEC 60092-353: Electrical installations in ships - Part 353: Power cables for rated voltages 1 kV and 3 kV, 12/04/2015

34A/1855/CDV, IEC 61167 Ed.4: Metal halide lamps - Performance specification, 12/04/2015

40/2407/FDIS, IEC 60393-2 Ed.3: Potentiometers for use in electronic equipment - Part 2: Sectional specification - Lead-screw actuated and rotary preset potentiometers, 11/06/2015

40/2408/FDIS, IEC 60393-5 Ed.3: Potentiometers for use in electronic equipment - Part 5: Sectional specification - Single-turn rotary low-power wirewound and non-wirewound potentiometers, 11/06/2015

40/2409/FDIS, IEC 60393-6 Ed.2: Potentiometers for use in electronic equipment - Part 6: Sectional specification - Surface mount preset potentiometers, 11/06/2015

45A/1039/CD, IEC 62138 Ed.2: Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category B or C functions, 12/04/2015

46F/322A/CDV, IEC 61169-11 ed 1.0: Part 11: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 9.5 mm with threaded coupling - Characteristic impedance 50 ohm (Type 4.1-9.5), 12/04/2015

47E/525/NP, Future IEC 60747-14-9: Semiconductor devices - Part 14 -9: Semiconductor sensors - Test and calibration method of lens-free CMOS photonic array sensor, 12/04/2015

51/1105/FDIS, IEC 62317-6 Ed.1: Ferrite cores - Dimensions - Part 6: ETD-cores for use in power supplies, 11/06/2015

51/1106/FDIS, IEC 60401-3 Ed.2: Terms and nomenclature for cores made of magnetically soft ferrites - Part 3: Guidelines on the format of data appearing in manufacturers catalogues of transformer and inductor cores, 11/06/2015

51/1107/FDIS, IEC 60424-1 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General specification, 11/06/2015

51/1108/FDIS, IEC 60424-2 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 2: RM-cores, 11/06/2015

51/1109/FDIS, IEC 60424-4 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 4: Ring-cores, 11/06/2015

65E/476/PAS, IEC/PAS 62264-6/Ed.1: ANSI/ISA-95.00.06-2014 Enterprise-Control System Integration - Part 6: Messaging Service Model, 11/06/2015

65E/477/NP, IEC 62264-6 Enterprise-Control System Integration - Part 6: Messaging Service Model, 12/04/2015

77A/904/FDIS, Amendment 2 to IEC 61000-4-13: Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests, 11/06/2015

77A/905/FDIS, IEC 61000-4-16: Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz, 11/06/2015

77A/907/DTR, IEC TR 61000-4-37: Electromagnetic Compatibility (EMC): Testing and measurement techniques - Calibration and verification protocol for harmonic emission compliance test systems, 11/06/2015

110/695/FDIS, IEC 62341-6-2 Ed.2: Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance, 11/06/2015

112/339/FDIS, IEC 62631-3-1 Ed.1: Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method, 11/06/2015

112/340/FDIS, IEC 62631-3-2 Ed.1: Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity, 11/06/2015

112/341/FDIS, IEC 62631-3-3 Ed.1: Dielectric and resistive properties of solid insulating materials - Part 3-3: Determination of resistive properties (DC methods) - Insulation resistance, 11/06/2015

120/54/CD, IEC 62934 Ed.1: Unit parameters and testing methods of electrical energy storage (EES) system - Part 1: General specification, 11/06/2015

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 19631:2015, Aerospace series - Tube fittings for fluid systems, 5 080 psi (35 000 kPa) - Qualification specification, $149.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 80601-2-72:2015, Medical electrical equipment - Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients, $265.00

CHAINS AND CHAIN WHEELS FOR POWER TRANSMISSION AND CONVEYORS (TC 100)

ISO 4347:2015, Leaf chains, clevises and sheaves - Dimensions, measuring forces, tensile strengths and dynamic strengths, $149.00

FINE CERAMICS (TC 206)

ISO 17859:2015, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method of piezoelectric strain at high electric field, $88.00

FIRE SAFETY (TC 92)

ISO 16733-1:2015, Fire safety engineering - Selection of design fire scenarios and design fires - Part 1: Selection of design fire scenarios, $173.00

FISHERIES AND AQUACULTURE (TC 234)

ISO 16741:2015, Traceability of crustacean products - Specifications on the information to be recorded in farmed crustacean distribution chains, $173.00

ISO 18539:2015, Traceability of molluscan products - Specifications on the information to be recorded in captured molluscan distribution chains, $149.00

FLUID POWER SYSTEMS (TC 131)

ISO 19973-2:2015, Pneumatic fluid power - Assessment of component reliability by testing - Part 2: Directional control valves, $123.00

ISO 19973-3:2015, Pneumatic fluid power - Assessment of component reliability by testing - Part 3: Cylinders with piston rod, $149.00

ISO 19973-5:2015, Pneumatic fluid power - Assessment of component reliability by testing - Part 5: Non-return valves, shuttle valves, dual pressure valves (AND function), one-way adjustable flow control valves, quick-exhaust valves, $123.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 19055:2015, Microscopes - Minimum requirements for binocular tubes, $51.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 20844:2015, Petroleum and related products - Determination of the shear stability of polymer-containing oils using a diesel injector nozzle, $88.00

PLASTICS (TC 61)

ISO 18263-1:2015, Plastics - Mixtures of polypropylene (PP) and polyethylene (PE) recyclate derived from PP and PE used for flexible and rigid consumer packaging - Part 1: Designation system and basis for specification, $51.00

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

ISO 17885:2015, Plastics piping systems - Mechanical fittings for pressure piping systems - Specifications, $200.00

ISO 18489:2015, Polyethylene (PE) materials for piping systems - Determination of resistance to slow crack growth under cyclic loading - Cracked Round Bar test method, $88.00

ROAD VEHICLES (TC 22)

ISO 6469-4:2015, Electrically propelled road vehicles - Safety specifications - Part 4: Post crash electrical safety, $123.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 289-1:2015, Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 1: Determination of Mooney viscosity, $123.00

ISO 19043:2015, Natural rubber latex concentrate - Determination of total phosphate content by spectrophotometric method, $51.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 6042:2015, Ships and marine technology - Weathertight single-leaf steel doors, $88.00

ISO 17939:2015, Ships and marine technology - Oil tank hatches, $123.00

ISO 17940:2015, Ships and marine technology - Hinged watertight doors, $88.00

SOLID BIOFUELS (TC 238)

ISO 18134-2:2015, Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method, $51.00

ISO 18134-3:2015, Solid biofuels - Determination of moisture content - Oven dry method - Part 3: Moisture in general analysis sample, $51.00

TEXTILES (TC 38)

ISO 17608:2015, Textiles - Bare elastane yarns - Determination of resistance to chlorinated water (swimming-pool water), $88.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 5131:2015, Tractors for agriculture and forestry - Measurement of noise at the operators position - Survey method, $123.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 17515-1:2015, Intelligent transport systems - Communications access for land mobiles (CALM) - Evolved Universal Terrestrial Radio Access Network (E-UTRAN) - Part 1: General usage, $88.00

TYRES, RIMS AND VALVES (TC 31)

ISO 23671:2015, Passenger car tyres - Method for measuring relative wet grip performance - Loaded new tyres, $123.00

WATER QUALITY (TC 147)

ISO 18191:2015, Water quality - Determination of pHt in sea water - Method using the indicator dye m-cresol purple, $88.00

ISO Technical Reports

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/TR 19473:2015, Space systems - Best practices for orbit elements at payload - LV separation, $88.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/TR 19300:2015, Graphic technology - Guidelines for the use of standards for print media production, $123.00

SECURITY (TC 292)

ISO/TR 22351:2015, Societal security - Emergency management - Message structure for exchange of information, $265.00

ISO Technical Specifications

HOROLOGY (TC 114)

ISO/TS 18684:2015, Timekeeping instruments - Watch external parts made of hard materials - General requirements and test methods, $88.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 14907-1:2015, Electronic fee collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures, $265.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19775-2:2015, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) - Part 2: Scene access interface (SAI), $51.00

ISO/IEC 19785-3:2015, Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications, $240.00

ISO/IEC 23001-10:2015, Information technology - MPEG systems technologies - Part 10: Carriage of timed metadata metrics of media in ISO base media file format, $123.00

IEC Standards

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

IEC 61726 Ed. 3.0 en:2015, Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method, $85.00

IEC 61196-4 Ed. 3.0 en:2015, Coaxial communication cables - Part 4: Sectional specification for radiating cables, $206.00

IEC 60966-2-7 Ed. 1.0 b:2015, Radio frequency and coaxial cable assemblies - Part 2-7: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-47 connectors, $31.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC 60079-10-1 Ed. 2.0 en:2015, Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres, $375.00

IEC 60079-10-1 Ed. 2.0 en:2015, Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres, $446.00

IEC Technical Reports

NUCLEAR INSTRUMENTATION (TC 45)

IEC/TR 62987 Ed. 1.0 en:2015, Nuclear power plants - Instrumentation and control systems important to safety - Use of Failure Mode and Effects Analysis (FMEA) and related methods to support the justification of systems, $157.00

IEC Technical Specifications

ULTRASONICS (TC 87)

IEC/TS 62791 Ed. 1.0 en:2015, Ultrasonics - Pulse-echo scanners - Low-echo sphere phantoms and method for performance testing of gray-scale medical ultrasound scanners applicable to a broad range of transducer types, $303.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

The INCITS Executive Board has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

  This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

  This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

  This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

  o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

  This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

  This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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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.

PINS Notice

Withdrawal of PINS

BSR/ASTM WK43506

At ASTM's request, the following PINS is withdrawn: WK43506, Specification For Standard Specification for Fiber Reinforced Thermoset Plastic (FRP) Siding. Questions may be directed to accreditation@astm.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Boat & Yacht Council (ABYC)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Boat & Yacht Council (ABYC), an ANSI Accredited Standards Developer and Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ABYC-sponsored American National Standards, effective September 8, 2015. For additional information, please contact: Mr. Brian Goodwin, Technical Director, American Boat & Yacht Council, 613 Third Street, Suite 10, Annapolis, MD 21403; phone: 410.990.4460; e-mail: bgoodwin@abycinc.org.

ANSI Accreditation Program for Third Party Certification Agencies

Accreditation in Accordance with ISO/IEC 17065

Gulf Coast Testing, LLC

Comment Deadline: October 12, 2015

Mr. William Daniel - Program Manager
Gulf Coast Testing, LLC
17170 Perkins Road
Baton Rouge, LA 70810
E-mail: william.daniel@gctla.com
Web: http://www.gctla.com

On September 2nd 2015, the ANSI accreditation committee granted accreditation in accordance with ISO/IEC 17065 to Gulf Coast Testing, LLC for the following scopes:

13 ENVIRONMENT. HEALTH PROTECTION. SAFETY

13.060 Water quality

13.060.30 Sewage water

93 CIVIL ENGINEERING

93.030 External sewage systems

NSF/ANSI-40,

NSF/ANSI-245,

NSF/ANSI-46,

NSF/ANSI-350-1,

NSF/ANSI 350

Please send your comments by October 12, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Quality Certification Services (QCS)

Comment Deadline: October 12, 2015

Mario Velasco, Ph.D.
Food Safety Program Manager
(Aquaculture/Crops/Feed/CoC)
Quality Certification Services (QCS)
PO Box 12311
Gainesville, FL 32604
1810 NW 6th St., Suite F,
Gainesville, FL 32609
Web: www.qcsinfo.org

On September 2nd 2015, the ANSI accreditation committee granted accreditation in accordance with ISO/IEC 17065 to Quality Certification Services for the following scopes :

GlobalG.A.P. General Regulations: Compound Feed Manufacturing (CFM)

Harmonized Produced Safety Standard (HPSS)

Produce Safety Standard (PSS)

GlobalG.A.P. General Regulations Integrated Farm Assurance: Option 1 – Individual Producer Certification

Aquaculture Base: crustaceans

Aquaculture Base: finfish

Aquaculture Base: molluscs

Crops Base: Combinable Crops

Crops Base: Flowers & Ornamentals

Crops Base: Fruit & Vegetables

Crops Base: Tea

GlobalG.A.P. General Regulations Integrated Farm Assurance: Option 2 – Producer Group Certification

Aquaculture Base: crustaceans

Aquaculture Base: finfish

Aquaculture Base: molluscs

Crops Base: Combinable Crops

Crops Base: Flowers & Ornamentals

Crops Base: Fruit & Vegetables

Crops Base: Tea

Please send your comments by October 12, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Meeting Notices

AHRI Meetings

Revision of AHRI Guideline K-2015, Containers for Recovered Non-flammable Fluorocarbon Refrigerants

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on September 17 from 2 p.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mikelann Scerbo at mscerbo@ahrinet.org.

Revision of AHRI Standards 430 (I-P) and 431 (SI)-2014, Performance Rating of Central Station Air-Handling Unit Supply Fans

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on September 17 from 3 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

Revision of AHRI Standard 1230, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on September 24 from 10 a.m. to 11:30 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at rmohan@ahrinet.org.

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10.9 Final report

A final report shall be prepared that presents all data collected and observations made in accordance with the performance testing and evaluation specified in 10.

~~- As part of the pre-evaluation assessment the tank shall be verified that it generally meets the physical design requirements (Section 7) of ASTM C1227-12 and (Section 3) of IAPMO Z-1000.~~

~~- 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.~~

~~- 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.~~

~~- 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.~~

~~- The manufacturer shall confirm that the tank capacity and dimensions and the facility flow at each test site complies with the filter design/use requirements.~~

~~- 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.~~

~~- 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.~~

~~- 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.~~

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

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

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3 General requirements

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Table 3.1 – Material-specific analysis

Material type	Required analysis
Concrete aggregate	Regulated metals[2], radionuclides

[2] antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, selenium, thallium. Chromium shall be evaluated against the pass/fail criteria of chromium VI as a screening level. If the normalized result exceeds this criteria, the sample shall be tested according to the method described in Section B.7.3 and shall be evaluated against the pass/fail criteria listed in Table D1 for the tested product. Regardless of chromium species, the total chromium pass/fail criteria shall not be exceeded.

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5 Barrier materials

5.1 Scope

The requirements of this section apply to products and materials intended to form a barrier providing containment of drinking water or to prevent drinking water contact with another surface. The products and materials that are covered include, but are not limited to: coatings and paints applied to fittings, pipes, mechanical devices and non residential storage tanks; linings, liners, bladders and diaphragms; and constituents of concrete and cement-mortar (e.g., Portland and blended hydraulic cements, admixtures, sealers, and mold release agents). These products and materials can be field-applied, factory-applied, precast, or cast in place.

5.2 Definitions

5.2.1 admixture: A material other than water, aggregates, hydraulic cement, and fiber reinforcement used as an ingredient of concrete or mortar and added to the batch immediately before or during its mixing.

5.2.2 aggregate: Granular material, such as sand, gravel, or crushed stone used with a cementing medium to form hydraulic-cement concrete or mortar.

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5.5 Extraction procedures

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5.5.2 Preparation of test samples

5.5.2.1 ~~In all cases, test~~ Test samples shall be prepared such that a minimum surface area-to-volume ratio of 50 cm^2/L (29 in^2/gal) is achieved during the exposure, and so that the entire surface to be exposed is covered by exposure water. For concrete aggregate evaluations, the media shall be tested at a laboratory evaluation ratio no less than the field use level calculated in accordance with 5.7.2. Samples shall be rinsed with cold tap water and then in reagent water, meeting the requirements of Annex B, section B.9.2.1 unless manufacturer's instructions direct otherwise.

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5.7 Normalization

5.7.1 Normalization for tanks/storage vessels

5.7.1.1 The following equation shall be used to calculate the normalized concentration of each contaminant for tanks or other storage vessels:

$$\text{normalized contaminant concentration} = \text{laboratory contaminant concentration} \times \frac{SA_F}{V_F} \times \frac{V_L}{SA_L} \times \frac{24\text{ h}}{\text{hours of exposure}}$$

where:

SA_F/V_F = Surface area to volume ratio for the specified tank capacity, as defined in Table 5.4

SA_L = Surface area exposed in the laboratory

V_L = Volume of extraction water used in the laboratory

When the length of the exposure being normalized is other than 24 h in length, the normalized value shall be adjusted to reflect a 24-h exposure.

Products used as barriers for tanks or storage vessels shall use the surface area-to-volume ratios shown in Table 5.6. Surface area-to-volume ratios for products used as barriers in tanks or storage vessels with a capacity other than those shown in Table 5.6 shall be determined on a case-by-case basis, as described in 5.7.1.2.

5.7.1.2 Calculation of the surface area-to-volume ratio for tanks or storage vessels

The following assumptions shall be used in determining the surface area-to-volume ratio for each nominal tank capacity:

- the tank has a smooth interior surface;
- the tank is cylindrical in shape;
- the tank is installed in a vertical position; and
- the roof (ceiling) of the tank is in contact with drinking water.

The following equation shall be used to calculate the surface area-to-volume ratio for tanks or storage vessels of capacities that do not appear in Table 5.4:

$$\text{surface area to volume ratio } (in^2/L) = 119.5 \times \frac{(0.1702 \times Y/X)^{0.66}}{Y} \times (X + 1/2)$$

where:

X = the length/diameter ratio of the tank or storage vessel
Y = the volume (in gallons) of the tank or storage vessel

5.7.2 Normalization for concrete aggregate

The following equation shall be used to calculate the normalized concentration of each contaminant for concrete aggregate evaluations. Table 5.8 provides examples of calculated aggregate field use assmptions for several reservoir capacities.

$$NF = \frac{\text{aggregate field use assumption (g/L)}}{\text{laboratory evaluation ratio (g/L)}}$$

where:

$$\text{aggregate field use assumption (g/L)} = \text{ratio of concrete structure's wetted surface area to structure's volume (in2/L)} \times \text{correlation of concrete volume to evaluated concrete surface area (in3/in2)} \times \text{aggregate mass per volume of concrete (g/in3)}$$

- Ratio of concrete structure's wetted surface area to structure's volume: The surface area-to-volume ratios shown in Table 5.6 shall be used. Surface area-to-volume ratios for products used as barriers in tanks or storage vessels with a capacity other than those shown in Table 5.6 shall be determined on a case-by-case basis, as described in 5.7.1.2.

- Correlation of concrete volume to evaluated concrete surface area: 0.80 (in3/in2)

  Note: This value is based on the concrete test cylinder size normally used for testing (4" x 8").

- Aggregate mass per volume of concrete (g/in3): Concrete mix design specific value.

5.7.3~~2~~ Normalization for all other end uses

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5.7.3~~4~~ Over time exposure calculations.

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Table 5.6 – Surface area-to-volume ratios for tanks or storage vessels

Nominal capacity (gal)	Surface area (ft^2)[1]	Length/diameter ratio	Surface area-to-volume ratio (in^2/1 L)
5	5.3	5.0	40.4
10	8.4	5.0	32.0
25	15.5	5.0	23.6
50	22.0	3.0	16.8
75	28.9	3.0	14.6
100	35.0	3.0	13.3
200	55.1	2.9	10.5
300	71.3	2.7	9.0
400	85.8	2.6	8.2
500	99.0	2.5	7.5
600	110	2.3	7.0
700	121	2.2	6.6
800	132	2.1	6.3
900	141	1.9	5.9
1,000	150	1.8	5.7
1,500	196	1.8	5.0
2,000	238	1.8	4.5
3,000	312	1.8	4.0
4,000	378	1.8	3.6
5,000	438	1.8	3.3
6,000	495	1.8	3.1
7,000	548	1.8	3.0
8,000	600	1.8	2.9
9,000	648	1.8	2.7
10,000	696	1.8	2.6
20,000	1,104	1.8	2.1
30,000	1,447	1.8	1.8
40,000	1,753	1.8	1.7
50,000	2,034	1.8	1.6
60,000	2,297	1.8	1.5
70,000	2,545	1.8	1.4
80,000	2,782	1.8	1.32
90,000	3,010	1.8	1.27
100,000	3,228	1.8	1.23
200,000	5,125	1.8	0.97
250,000	5,946	1.8	0.90
500,000	9,439	1.8	0.72
750,000	12,370	1.8	0.63
1,000,000	14,980	1.8	0.57
1,500,000	19,630	1.8	0.50
2,000,000	23,780	1.8	0.45
5,000,000	43,810	1.8	0.33
7,500,000	57,400	1.8	0.29

Table 5.6 – Surface area-to-volume ratios for tanks or storage vessels

Nominal capacity (gal)	Surface area (ft^2)[1]	Length/diameter ratio	Surface area-to-volume ratio (in^2/1 L)
10,000,000	69,530	1.8	0.26
[1] Surface area calculations include the sides, floor, and roof (ceiling) of a tank.			

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Table 5.8 – Example aggregate field use assumptions

Nominal reservoir capacity (gal)	NSF/ANSI 61, Table 5.6 surface area-to-volume ratio (in^2/L)	Calculated field use[1] assumption for mass aggregate per reservoir volume (g/L)
1,000	5.7	144
10,000	2.6	65.5
100,000	1.23	31.0
1,000,000	0.57	14.4
10,000,000	0.26	6.55
[1]Based on example concrete with a designed weight of 150 lbs/ft^3 and an aggregate content representing 80% of that weight.		

Reason: ***Exposure and normalization criteria specific to concrete aggregate added per 2014 DWA-SC JC meeting discussion (December 4, 2014). This will eliminate concerns that other components may contribute to contamination.***

ANSI/TIA-PN-1083-B-D1
Draft 3.0
(for ANSI default Ballot)

Telecommunications

Communications Products

Handset Magnetic Measurement Procedures and Performance Requirements

Formulated under the cognizance of TIA Subcommittee TR-41.3
Analog and Digital Wireline Terminals

With the approval of TIA Engineering Committee TR-41
Performance and Accessibility for Communications Products

This is a default ballot. Substantive technical changes to the previously balloted version of the document are shown as tracked changes in red. These changes are the only items subject to consideration in this default ballot.

Following is a summary of the change:

1. A new clause 4.5.4 was added to separate the requirements for the dc feed circuit from 4.5.3.
2. In clause 4.5.4, insertion loss requirements were added to remove any potential impact the dc feed circuit may have on frequency response measurements.
3. In clause 5.2, removed the call for converting the measured probe coil voltage to field intensity units using Equation 1 as the frequency response requirements in this document only apply to the probe coil open circuit voltage.

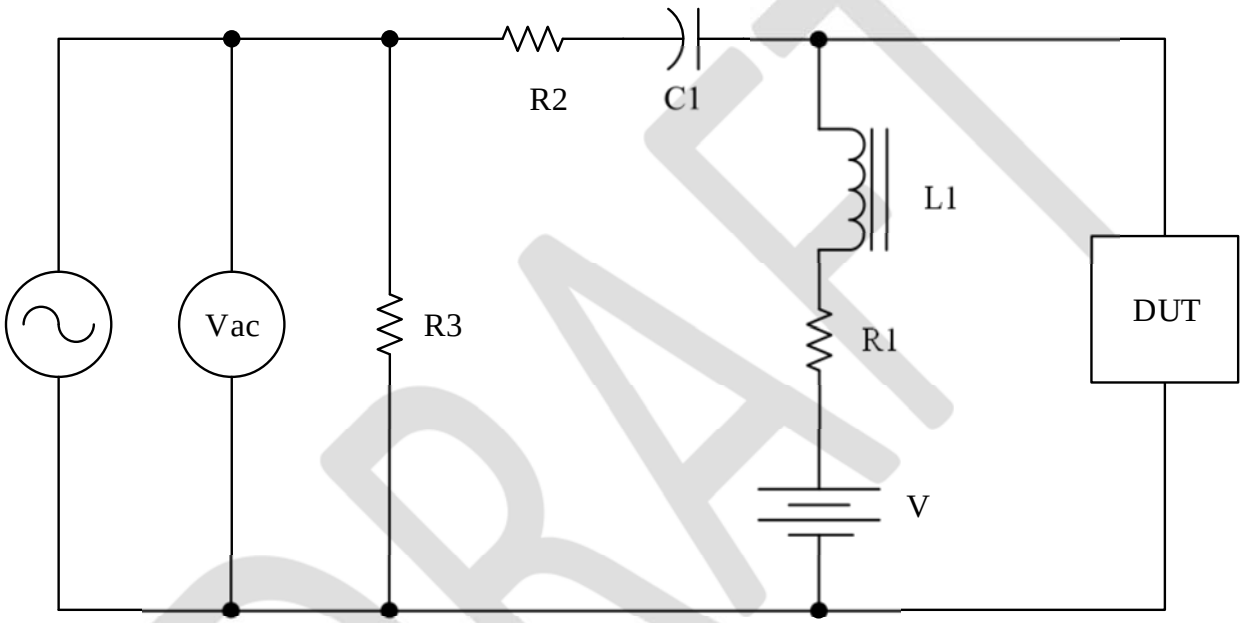
4.5.4 DC Feed Circuit

The dc feed circuit supplies network interface power to the analog telephone and an interface to test equipment such that the required parameters can be measured without introducing any significant error. The dc feed circuit shall provide the following:

- Less than 0.1 dB insertion loss over the 100 Hz to 10 kHz range for wideband analog measurements.
- Less than 0.1 dB insertion loss over the 300 Hz to 3.3 kHz range for narrowband analog measurements.

NOTE: See IEEE Std 269 for the procedure to follow when determining feed circuit loss.

A possible implementation of the dc Feed is shown in Figure 1.



NOTES:

1. C1 = ≥ ~~1~~ 100 uF, -10% / +20%
2. L1 ≥ ~~24~~ H
3. R1+ L1 = 1650 ohms, 1% (includes resistance of L1)
4. R2 = 890 ohms 1% for narrowband DUT, 590 ohms 1% for wideband DUT
5. R3 = 10 ohms, 1%
6. V = 50 Vdc ± 2 Vdc
7. Alternate circuits can be used to replace R2 and R3 that present a source impedance of 900 ohms for narrowband DUT or 600 ohms for wideband DUT.
8. To meet the insertion loss requirement for 100 Hz to 10kHz, C1 may have to be ≥ 200 uF and L1 ≥ 10 H.
9. ~~7.~~ The dc feed circuit as described in TIA-470.112 may be used for wideband & narrowband analog telephones HAC testing.

Figure 1 – Feeding Bridge and Matching Pad Circuit for Analog Interfaces

5 HANDSET MAGNETIC PERFORMANCE REQUIREMENTS

5.1 PERPENDICULAR AND TRANSVERSE REQUIREMENTS

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5.2 METHOD OF MEASUREMENTS

6. Measure the Induced Voltage Frequency Response:

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c) For R40 tone measurements, measure ~~convert~~ the open circuit probe voltage~~to magnetic field intensity units using **Equation**~~. ~~The output result is~~ This is the frequency response.

d) For speech measurements, measure ~~convert~~ the 1/3rd octave output open circuit probe voltage~~ to magnetic field intensity units using **Equation**~~. Subtract~~ed by~~ the input signal reference 1/3rd octave spectrum from the measured 1/3rd octave output spectrum ~~(dB(A/m) – dBV)~~ to obtain the frequency response.

BSR/UL 12402-5, Standard for Safety for Personal Flotation Devices – Part 5: Buoyancy Aids (Level 50) – Safety Requirements UL 12402-5

1. Requirements for the first edition of UL 12402-5

5.6.2.5 Manual and oral inflation shall be tested both in and out of water in accordance with ISO 12402-9:2006, 5.6.5 and 5.6.7.

5.6.2.5DV D2 Modification by replacing clause to 5.6.2.5 as follows:

For a buoyancy aid having a manual and/or oral inflation, each test subject shall be able to complete inflation with either hand using each inflation mechanism when ~~shall be~~tested both in and out of water in accordance with UL 12402-9, 5.6.4 and 5.6.7.2.2DV.

Table 6DV.3.1 Sizing Information for PFD Labels

Size Class English [1, 2]	Size Class French [1, 2]	Size Class Spanish [1, 2]	Weight Range	Chest Size [1, 4]	Waist Size [1, 4, 5]
"ADULT"[3]	ADULTE	ADULTOS	"> 41 kg (> 90 lbs.)"	Mandatory	Mandatory
"YOUTH/ADULT"	JEUNESSE / ADULTE	JUVENTUD/ ADULTOS	">40 - 50 kg (>88 - 110 lbs.)"	Mandatory	Mandatory
"YOUTH"	JEUNESSE	JUVENTUD	">25 - 40 kg (>55 - 88 lbs.)"	Optional	Mandatory
"CHILD"	ENFANT	NIÑO	">15 - 25 kg (>33 - 55 lbs.)"	Optional	Mandatory

[1] If this marking is not visible when the device is packaged, it shall also appear on the package.

[2] Notwithstanding 6DV.2.1, the size class on the device shall have a letter height of no less than 9 mm (0.35 in).

[3] The size class may be followed by a size description, such as but not limited to: "S", "M", "L", "UNIVERSAL", or "OVERSIZE".

[4] Shall be expressed in inches and centimeters over a range of not less than 2 inches; for example, "76 to 81 cm (30 to 32 in)".

[5] Required only for belt pack inflatable devices.

BSR/UL 12402-9, Standard for Safety for Personal Flotation Devices – Part 5: Test Methods – Safety Requirements UL 12402-9

1. Requirements for the first edition of UL 12402-9

5.6.7.2.2DV D2 Modification by ~~deleting~~ replacing entire clause 5.6.7.2.2 as follows:

During the human subject performance tests and use tests of an inflatable PFD each test subject shall demonstrate whether the PFD allows him or her to manually inflate and to top up the inflation by mouth while in or out of the water using either hand independently.

5.6.1.2DV D1 Modification by replacing entire clause 5.6.1.2 with 5.6.1.2DV as follows:

Subject requirements for adults

PFDs shall be tested using at least 12 subjects if the device is sized to accommodate a range of chest sizes in excess of 400 mm or a body mass range greater than 30 kg. At least 6 subjects shall be used to test each size range which does not exceed 200 mm chest circumference or 20 kg body mass. PFD designs having size ranges between these limits shall be tested on at least a proportionate number of subjects, rounding up to the nearest whole number.

Within a series of marked sized devices (for example, S, M, L, etc.) where each adjacent size utilizes the same inflation chamber or buoyancy element(s) with only cover and closure materials that differ proportionally over the chest size range, multiple sizes may be considered as a single size range for determining the minimum number of test subjects.

The following shall be used when selecting test subjects:

a) The marked mass and/or height, and/or waist size, and chest size on the PFD;

b) Between one third and one half of test subjects shall be females;

c) For a device or group of devices with a chest size range in excess of 400 mm, subjects must represent at least one of each mesomorphic, endomorphic, ectomorphic somatotypes;

NOTE: Refer to Annex FDV to determine a subject's somatotype when there is difficulty determining is visually.

d) At least one subject shall have a chest size 25 mm (±13 mm) below the minimum marked chest size and one subject 25 mm (±13 mm) above the maximum marked chest size;

e) For inflatable belt pack devices, at least one subject shall have a waist size 25 mm (±13 mm) below the minimum marked waist size and one subject 25 mm (±13 mm) above the maximum marked waist size;

~~e)~~f) Subjects shall be sized as to represent the device's entire size adjustment range, or each adjacent size, proportionately; and

~~f)~~g)) For lifejackets, subjects meeting the in-water weight criteria in clause 5.6.1.4.3 of this part shall be included in each group of subjects.

~~g~~h) For Level 50 buoyancy aids, at least one subject shall have an in-water weight meeting the criteria in clause 5.6.1.4.4 of this part.

5.6.1.3DV D1 Modification by replacing entire clause 5.6.1.3 as follows:

Subject requirements for children and infants

Test subjects shall be selected to fully represent the range of sizes for which the device is to be approved. Devices for smaller children shall be tested on children as small as approximately 760 mm tall or 9 kg mass. At least six test subjects shall be used for each 380 mm and 16 kg of size range, rounding up to the nearest whole number.

The following shall be used when selecting test subjects:

a) The marked mass and/or height, and/or waist size, and/or chest size on the PFD;

b) For devices marked with a height size range, at least one subject shall have a height 25 mm (± 13 mm) below the minimum marked height size and one subject 25 mm (±13 mm) above the maximum marked height size;

c) For devices marked with a chest size range, at least one subject shall have a chest size 25 mm (± 13 mm) below the minimum marked chest size and one subject 25 mm (± 13 mm) above the maximum marked chest size;

d) At least one subject shall have at least a mass 0.5 kg (± 0.25 kg) below the minimum marked weight range and one subject at least 0.5 kg (± 0.25 kg) above the maximum marked weight range;

e) For inflatable belt pack devices, at least one subject shall have a waist size 25 mm (±13 mm) below the minimum marked waist size and one subject 25 mm (±13 mm) above the maximum marked waist size;

~~e)~~f) For lifejackets, the selected subjects shall have an in-water weight according to 5.6.1.4.3; and

~~f)~~g) For Level 50 buoyancy aids, one subject shall have an in-water weight according to 5.6.1.4.4.

In-water tests using children shall avoid causing distress or risk to the child. Consideration shall be taken of their age and ability.

BSR/UL 858, Standard for Household Electric Ranges

1. Proposal to revise Temperature Limits of Child-Accessible Surfaces

PROPOSAL

Table 39.1

Maximum acceptable temperature of surfaces as measured by the probe illustrated in Figure 39.2

			°C	°F
A. During all modes except self-clean, surfaces on the front and on the sides of the product less than 31 in (787 mm) above the floor level, if accessible, as installed:				
	(1)	Bare or painted metal	58	136
	(2)	Porcelain enamel	62	143
	(3)	Glass or ceramic	71	160
	(4)	Plastic[a]	76	169
B. During self-clean, surfaces less than ~~31 in (787 mm)~~ 36 in (914mm) above floor level as installed, and during all other modes surfaces less than 3 ft but more than 31 in (787 mm) above the floor if accessible as installed:				
	(1)	Bare or painted metal	67	152
	(2)	Porcelain enamel	71	160
	(3)	Glass or ceramic	78	172
	(4)	Plastic[a]	83	182
C. Surfaces more than 3 ft (914mm) above floor level as installed, during all modes:				
	(1)	Bare or painted metal	84	183
	(2)	Porcelain enamel	88	191
	(3)	Glass or ceramic	95	203
	(4)	Plastic[a]	100	212
NOTE - A cabinet-supported, counter-mounted, or wall-mounted appliance is to be installed in accordance with the manufacturer's instructions to determine which areas will be more than 3 ft above floor level.				
[a] Includes plastic with a metal plating not more than 0.005 in (0.13 mm) thick; and metal with a plastic or vinyl covering not less than 0.005 in thick.				

BSR/UL 2556, Standard for Wire and Cable Test Methods

1. Proposed new edition of UL 2556

PROPOSAL

2.2 Normative references

Where reference is made to any Standards, such reference shall be considered to refer to the latest editions and revisions thereto available at the time of printing, unless otherwise specified.

Note: *In Mexico, NMX-J-556-ANCE is organized with the same clause numbering as UL 2556/CSA C22.2 No. 2556. Separate ANCE standards are published for test methods not covered in NMX-J-556-ANCE. Annex J provides a list of the harmonized NMX test method standards that apply to each test method.*

3.4.3.1 The specimen shall be a length taken from a wire, cable, or cord, finished or during manufacture, and shall have the following characteristics:

a) a resistance of at least 0.000 01 Ω (10 μΩ) in the test length between voltage contacts;

b) no surface cracks or defects visible with **NORMAL VISION**, and substantially free from surface oxide, dirt, and grease; and

c) no joints of splices.

d) a test length of at least 1 m (3.3 ft)

4.2.3 Apparatus

The apparatus shall consist of the following:

a) a power-driven machine provided with a device that indicates the maximum load reached. The machine shall be capable of separating the grips at speeds of 500 ±25 mm/min (20 ±1 in/min), and also at 50 ±5 mm/min (2 ±0.2 in/min). The applied load as indicated shall be accurate to 2 percent or less of the value read;

b) an extensometer or scale for determining the elongation with a resolution of 2 mm (0.1 in) or better;

c) dies B, C, D, E or F as described in ASTM D412 or NMX-J-178-ANCE. Dies C and D shall be used with 25 mm (1 in) gauge marks. Dies B, E, and F shall be used with 50 mm (2 in) gauge marks. Dies capable of cutting a 6.3 mm or 3.2 mm (0.250 or 0.125 in) wide specimen having parallel sides are permitted. The tolerance on the width between the cutting edges in the parallel portion of the die shall be -0.00, +0.05 mm (-0.000, +0.002 in);

Note: *Tolerances on the remaining portions of the die are not critical.*

d) a caliper with a resolution and accuracy of 0.01 mm (0.001 in);

e) a dial micrometer having a 6.3 to 6.4 mm (0.248 to 0.252 in) diameter flat presser foot exerting a total force of 0.83 ±0.03 N (3.0 ±0.1 ozf) on a rectangular anvil measuring approximately 9 x 2 mm (0.35 x 0.08 in). The face of the anvil on the minor dimension shall be slightly convex. Alternatively, these measurements shall be made with a dead-weight dial micrometer having a presser foot 6.4 ±0.2 mm (0.248 ±0.010 in) in diameter and exerting a total of 85 ±3 gf or 0.83 ±0.03 N (3.0 ±0.1 ozf) on the specimen - the load being applied by means of a weight. The presser foot shall be at least 2 mm (0.08 in) onto the edge of the specimen for each measurement. Micrometers shall have a resolution and accuracy of 0.01 mm (0.001 in);

f) a micrometer with a resolution and accuracy of 0.001 mm (0.0001 in);

g) a heated bath for oil capable of maintaining the specified temperature within ±1°C;

h) weather (sunlight) resistance apparatus as follows:

1) Xenon-arc: Xenon-arc radiation and water-spray exposure equipment shall comply with ASTM G151 and Cycle 1 of the Common Exposure Conditions Table in ASTM G155 or NMX-J-553-ANCE. The specimens shall be mounted in the specimen holders of the equipment. The xenon-arc apparatus shall be provided with a Daylight Filter. The spectral power distribution (SPD) shall conform to the requirements of the Relative Ultraviolet Spectral Power Distribution Specification for Xenon Arc with Daylight Filters Table ~~1~~ of ASTM G155 for a xenon lamp with a Daylight Filter. Operation of the lamp assembly shall maintain a level of spectral irradiance at the specimens of at least 0.35 W/(m^2•nm) ~~W/m^2~~ monitored at a wavelength of 340 nm.

2) Carbon-arc: The apparatus shall comply with ASTM G151 and ASTM G153 or NMX-J-553-ANCE. The apparatus shall include twin arcs struck between two sets of vertical carbon electrodes that are 13 mm or 1/2 inch in diameter and are individually enclosed in clear globes of heat-resistant optical glass (9200-PX Pyrex glass or its equivalent) that is opaque at wavelengths shorter than 275 nm (1 % transmission at 275 nm as the nominal cutoff point) and whose transmission improves to 91 % at 370 nm. The spectral power distribution of the emission from the globes shall comply with Table 1 of ASTM G153 or NMX-J-553-ANCE;

i) a forced air-circulating oven. The apparatus for the air-oven aging of specimens shall be as indicated in NMX-J-417-ANCE or ASTM D5423 (Type II ovens) and ASTM D5374 and shall circulate the air within the aging chamber at high velocity. Fresh air is to be admitted, continuously, to the chamber to maintain normal oxygen content in the air surrounding the specimens. The exhaust ports of the oven shall be adjusted to achieve 100 to 200 complete fresh-air changes per hour. For purposes of calculating the number of fresh air changes the volume of the oven shall be based on the interior dimensions of the oven. The blower, fan, or other means for circulating the air shall be located entirely outside the aging chamber. The oven shall be capable of maintaining the temperature specified in Table 3;

j) a power-driven splitting or skiving machine consisting of an adjustable upper pressure roller, a band knife or a rotary bell knife, and a power-driven feed roller that passes a sample across the knife blade thereby separating or slicing the sample into layers, with no resulting heating of the sample material from which die-cut specimens are to be prepared. The machine shall be used for the following:

1) to produce a strip of insulation from a 13.3 mm^2 (6 AWG) or larger conductor or a strip of jacketing material; and

2) to remove irregularities from samples of insulation, jacket, or the like;

k) a power-driven buffing machine (grinding wheel). The abrasive wheel shall be nominal No. 36 grit (particle size of 0.486 mm (0.019 in). The wheel shall run true and shall not vibrate. The diameter of the wheel is not specified; however, 0.12 - 0.16 m (4.75 - 6.25 in) has been found appropriate. The rotary velocity of the wheel shall be 2500 - 3500 r/min. The diameter and rotary velocity of the wheel shall be selected to give the wheel a peripheral speed (rpm x π x wheel diameter) of 15 to 25 m/s (3000 to 5000 ft/min). The machine shall have a slow feed that applies light pressure and removes very little material at one cut, thereby not overheating the specimen or the wheel;

CAUTION: The maximum wheel diameter and the maximum wheel rpm specified in this item are not to be used together, as this combination will result in a peripheral speed above 25 m/s (5000 ft/min). This applies even for wheels that are marked as being intended for a peripheral speed above 25 m/s (5000 ft/min).

l) a suitable block or draw plane;

m) a balance accurate to 0.1% of mass measured;

n) a length-measuring device accurate to 0.1% of length measured;

o) a hand- or power-driven machine with steel grips may be used for stretching a conductor for the purpose of removing the conductor from the insulation; and

p) a temperature-measuring device with an accuracy of ±1°C.

In each type of apparatus, provision shall be made for suspending each specimen vertically within the chamber without touching the sides of the chamber or any other specimen.

4.4.2.1 For insulations or jackets that do not generate corrosive fumes on pyrolysis, the carbon black content shall be determined in accordance with one of the following methods:

~~a) Method 1: NMX-E-034-SCFI or ASTM D1603;~~

a) ~~b)~~ Method 1 ~~2~~ (In Mexico): NMX-J-437-ANCE or ASTM D4218;

b) ~~c)~~ Method 2 ~~3~~ (In Canada and United States): ASTM D6370 or ASTM E1131~~; or~~

~~d) Method 4: ASTM E1131.~~

~~4.4.2.2 In Canada and the United States, for insulations or jackets that generate corrosive fumes on pyrolysis, the carbon black content shall be determined in accordance with Method 3 or Method 4.~~

~~In Mexico, Method 3 and Method 4 do not apply.~~

6.5.5 Results and calculations

The capacitance of the insulation shall be determined as the average from three specimens, after immersion in water for durations of 1 day, 7 days, and 14 days, at the specified temperature. Each result shall be measured to the nearest picofarad. Increases in capacitance from 1 day to 14 days and from 7 days to 14 days shall be expressed as percentages of the 1 day and 7 days values, respectively.

The relative permittivity (dielectric constant) of the insulation shall be determined after 1 day by means of the following formula:

$$\epsilon_r = 41{,}390/L \times C \log_{10} \frac{D}{d}$$

where

ϵ_r = relative permittivity

L = length of specimen immersed in water, m

C = capacitance in microfarads of the immersed 3050 mm (120 in) portion of the specimen

D = measured diameter over the insulation, mm (in)

d = measured diameter under the insulation, mm (in)

6.6.3 Preparation of specimens

Three ~~5 m (16 ft)~~ 4.6 - 5 m (15 - 16 ft) specimens shall be taken from an insulated conductor. Specimens of insulated conductors shall not have a conductor separator and shall be selected before assembly. For thermoset-insulated conductors, specimens shall be selected not less than 48 hours after extrusion, then conditioned at 70.0 ±2.0°C (158.0 ±2.6°F) in air for 24 hours, and cooled at **ROOM TEMPERATURE** for 1 hour.

7.17.4.1 (Method 1 - interlocking armored cables)

A specimen shall be wrapped the specified number of turns around a mandrel of the specified diameter with sufficient tension applied to the specimen to cause it to conform closely to the periphery of the mandrel. While the specimen is in this position, observation shall be made to determine whether or not the edges of adjacent convolutions of the armor are separated to expose the conductor assembly.

9.1.5.1 The height of the test flame, with the burner vertical, shall be adjusted to 125 ±10 mm (5.0 ±0.4 in), with an inner blue cone 40 ±2 mm ~~(1.5 ±0.1 in)~~ 1.6 ±0.1 in) high. The burner shall be attached to the angle block to position the burner at an angle of 20 degrees from vertical.

9.2.5.3 The height of the test flame, with the burner vertical, shall be adjusted to 125 ±10 mm (4.9 ±0.4 in), with an inner blue cone 40 ±2 mm ~~(1.5 ±0.1 in)~~ 1.6 ±0.1 in) high. The burner shall be attached to the angle block to position the burner at an angle of 20 degrees from vertical.

9.3.5.3 With the burner vertical, the height of the test flame shall be adjusted to 125 ±10 mm (5 ±0.4 in), with an inner blue cone 40 ±2 mm ~~(1.5 ±0.1 in)~~ 1.6 ±0.1 in) in length. The burner shall then be positioned on the angle block, with its barrel at an angle of 20 degrees to the vertical.

9.4.5.4 With the burner vertical, the height of the test flame shall be adjusted to 125 ±10 mm (5.0 ±0.4 in), with an inner blue cone 40 ±2 mm ~~(1.5 ±0.1 in)~~ 1.6 ±0.1 in) in length. The burner shall then be positioned on the angle block, with its barrel at an angle of 20 degrees to the vertical.

Annex J (informative)

Correlation of NMX wire and cable test method standards with UL 2556/CSA C22.2 No. 2556

~~**Note:** *NMX-J-556-ANCE is organized with the same clause numbering as UL 2556/CSA C22.2 No. 2556. Where a separate NMX standard test method exists, NMX-J-556-ANCE references the separate NMX standard, which specifies the harmonized test method.*~~