ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: September 15, 2013

NSF (NSF International)

Revision

BSR/NSF 223-201x (i2), Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI 60: Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 223 -2012)

This Standard establishes requirements for activities to be performed when certification bodies certify products to ANSI/NSF 60, including documentation reviews, product testing, and facility audits conducted during surveillance.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 330-201x (i5), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2012)

The purpose of this Glossary is to provide a single resource containing all of the technical terms used in all NSF Drinking Water Treatment Unit Standards.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-11-201X, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i" (Proposal Ballot dated 08-16-13) (national adoption of IEC 60079-11 with modifications and revision of ANSI/UL 60079-11-2013)

This bulletin proposes revisions to update ANSI/UL 248-1 references and clarification for Figure 2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549 -1851, vickie.t.hinton@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 1989-201x, Standby Batteries (new standard)

(1) UL 1989 is being proposed for approval as an American National Standard.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan VanHeirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 295-201x, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2011)

This re-circulation proposal provides revisions to the UL 295 proposals dated 4-26-13.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1081-201x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2013c)

Proposals to update options for permanent wiring termination and requirements for permanent wiring terminal compartments.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (408) 754 -6722, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1699-201x, Standard for Safety for Arc-Fault Circuit-Interrupters (Bulletin dated August 16, 2013) (revision of ANSI/UL 1699-2011b)

Clarification of requirements for programmable components.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 5085-1-201x, Standard for Safety for Standard for Low Voltage Transformers - Part 1: General Requirements (revision of ANSI/UL 5085-1 -2012)

Addition of requirements for double insulation.

Click here to view these changes in full

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

Comment Deadline: September 30, 2013

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 5841-2-201x, Implants for surgery - Cardiac pacemakers - Part 2: Reporting of clinical performance of populations of pulse generators or leads (identical national adoption of ISO DIS 5841-2)

Specifies requirements for reports on the clinical performance in humans of population samples of pulse generators or leads, intended for long-term implantation as cardiac pacemakers. It includes general requirements for all reports and supplementary requirements for reports on cumulative experience with devices and estimates of future clinical performance for devices, when appropriate.

Single copy price: 20.00 (AAMI members)/$25.00 (list)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253 -8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 80369-7-201x, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors with 6% (Luer) taper for intravascular or hypodermic applications (identical national adoption of ISO 80369-7)

This part of ISO 80369 specifies requirements for small-bore connectors intended to be used as intravascular connections in intravascular applications or hypodermic connections in hypodermic applications of medical devices and related accessories. This part of ISO 80369 specifies dimensions and requirements for the design and functional performance of 205 these small-bore connectors intended to be used with medical devices.

Single copy price: 20.00 (AAMI members)/$25.00 (list)

Obtain an electronic copy from: https://my.aami.org/store

Order from: https://my.aami.org/store

Send comments (with copy to psa@ansi.org) to: Colleen Elliott, (703) 253 -8261, celliott@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST65-2008 (R201x), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008)

Provides guidelines for the proper handling, processing, and preparation of reusable surgical textiles either on-site or off-site for use in health care facilities. Specifically addresses design criteria for functional work areas; staff qualifications, education, training, dress codes, and other personnel considerations; receiving and handling of soiled surgical textiles; laundry processing considerations; transport of both soiled and clean surgical textiles; installation, care, and maintenance of laundry equipment; quality control; and regulatory considerations.

Single copy price: 65.00 (AAMI members)/$130.00 (list)

Obtain an electronic copy from: https://my.aami.org/store

Order from: https://my.aami.org/store

Send comments (with copy to psa@ansi.org) to: Colleen Elliott, (703) 253 -8261, celliott@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ID26-2004 (R201x), Medical electrical equipment, Part 2: Particular requirements for the safety of infusion pumps and controllers (reaffirmation of ANSI/AAMI ID26-2004 (R2009))

Establishes minimum labeling, safety, performance, and testing requirements for electromechanical infusion devices that have a pumping or gravity-feed controlling function, that deliver fluid from either a separate or a self-contained source, and that are intended for use with parenteral fluids for such purposes as parenteral nutrition and administration of drugs and routine fluids.

Single copy price: 65.00 (AAMI members)/$130.00 (list)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253 -8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-1-2009 (R201x), Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (reaffirmation of ANSI/AAMI/ISO 10993-1-2009)

The standard describes the general principles governing the biological evaluation of medical devices within a risk management framework; the general categorization of devices based on the nature and duration of their contact with the body; the evaluation of existing relevant data from all sources; the identification of gaps in the available data set on the basis of a risk analysis; the identification of additional data sets necessary to analyze the biological safety of the medical device; and the assessment of the biological safety of the medical device.

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=ANSI%2fAAMI%2fISO+10993-1%3a2009&searchoption=ALL

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

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525 -4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST24-1999 (R201x), Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (reaffirmation of ANSI/AAMI ST24-1999 (R2009))

This standard covers minimum labeling, safety, performance, and testing requirements for ethylene oxide sterilizers that are intended for general-purpose use in health care facilities and that have automatic controls. It also covers labeling, product composition, and container requirements for ethylene oxide sterilant sources, as well as labeling, performance, safety, and installation requirements for ethylene oxide emission control systems.

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=ST24&searchoption=ALL

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

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525 -4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-3-2003 (R201x), Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (reaffirmation of ANSI/AAMI/ISO 10993-3-2003 (R2009))

The standard specifies strategies for hazard identification and tests on medical devices for genotoxicity, carcinogenicity, and reproductive and developmental toxicity.

Single copy price: 45.00 (AAMI members)/$90.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-3&searchoption=ALL

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

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525 -4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-4:2002 (R201x), Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood (reaffirmation of ANSI/AAMI/ISO 10993-4-2002 (R2009))

The standard provides a classification of medical and dental devices that are intended for use in contact with blood based on the intended use and duration of contact as defined in ISO 10993-1, the fundamental principles governing the evaluation of the interaction of devices with blood, and the rationale for structured selection of tests.

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-04&searchoption=ALL

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

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 10993-5-2009 (R201x), Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity (reaffirmation of ANSI/AAMI/ISO 10993-5-2009)

The standard describes test methods to assess the in vitro cytotoxicity of medical devices. These methods specify the incubation of cultured cells either directly or through diffusion with extracts of the device, and/or in contact with a device. These methods are designed to determine the biological response of mammalian cells in vitro using appropriate biological parameters.

Single copy price: 50.00 (AAMI members)/$100.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/SearchResults.aspx?searchterm=10993-5&searchoption=ALL

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

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 13408-6-2005 (R201x), Aseptic processing of health care products - Part 6: Isolator systems (reaffirmation of ANSI/AAMI/ISO 13408-6-2005)

Specifies the requirements for isolator systems used for aseptic processing and offers guidance on qualification, bio-decontamination, validation, operation and control of isolator systems used for aseptic processing of health care products. The document focuses on the use of isolator systems to maintain aseptic conditions; this may include applications for hazardous materials.

Single copy price: 45.00 (AAMI members)/$90.00 (list)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

ACCA (Air Conditioning Contractors of America)

Revision

BSR/ACCA 12 QH-201x, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2011)

Note: This is an extension of previously announced comment period. "For residential buildings the revised standard will identify the metrics, tolerances, approved procedures, and required documentation to (1) evaluate the current performance, (2) establish the basis to create performance improvement specifications, (3) identify approved approaches to implement the specified improvements, (4) and establish the procedures to objectively assess the performance change of the completed improvements. Note: Public Comments are limited to the changes (Red-Lined Text) only."

Single copy price: Free

Obtain an electronic copy from: www.acca.org/ansi (Red-Lined changes, Standard and Required Response Form

Order from: www.acca.org/ansi (Red-Lined changes, Standard and Required Response Form

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

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

Revision

BSR/AHRI Standard 1211 (SI)-2011 with Addendum 1, Performance Rating of Variable Frequency Drives (revision of ANSI/AHRI Standard 1210-2011)

This standard applies, within the heating, ventilating,air-conditioning and refrigeration (HVACR) context,to VFDs used in the control of synchronous induction motors. The range includes all those found within a building including: low voltage (≤ 600 V) and drives that are stand alone, not mechanically integrated into motors.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

AMCA (Air Movement and Control Association)

Revision

BSR/AMCA 300-201x, Reverberant Room Method for Sound Testing of Fans (revision of ANSI/AMCA 300-2008)

This standard applies to fans of all types and sizes. This standard is limited to the determination of airborne sound emission for the specified setups. Vibration is not measured, nor is the sensitivity of airborne sound emission to vibration effects determined. This public review is limited to the changes made since the previous public review of Standard 300.

Single copy price: $5.00

Obtain an electronic copy from: jpakan@amca.org

Order from: John Pakan, (847) 704-6295, jpakan@amca.org

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

ASA (ASC S1) (Acoustical Society of America)

Revision

BSR/ASA S1.1-201x, Acoustical Terminology (revision and redesignation of ANSI S1.1-1994 (R2004))

This standard provides definitions for a wide variety of terms, abbreviations, and letter symbols used in acoustics and electroacoustics. Terms of general use in all branches of acoustics are defined, as well as many terms of special use for architectural acoustics, acoustical instruments, mechanical vibration and shock, physiological and psychological acoustics, underwater sound, sonics and ultrasonics, and music.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

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

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

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

Reaffirmation

BSR/ASHRAE Standard 193P-2010 (R201x), Method of Test for Determining Airtightness of HVAC Equipment (reaffirmation of ANSI/ASHRAE Standard 193P-2010)

This standard prescribes a method of test to determine the airtightness of forced-air HVAC equipment prior to field installation.

Single copy price: $35.00

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

Send request to: standards.section@ashrae.org

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

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

Reaffirmation

BSR/ASHRAE Standard 93-2010 (R201x), Methods of Testing to Determine the Thermal Performance of Solar Collectors (reaffirmation of ANSI/ASHRAE Standard 93-2010)

The purpose of this standard is to provide test methods for determining thermal performance of solar energy collectors that use single-phase fluids and have no significant internal energy storage.

Single copy price: $35.00

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

Send request to: standards.section@ashrae.org

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

ASIS (ASIS International)

Revision

BSR ASIS CSO.1-201x, Chief Security Officer (CSO) - An Organizational Model (revision of ANSI ASIS CSO.1-2008)

This model is applicable to the private, public, and not-for-profit sector organizations. The model provides a structure to evaluate and define the role and necessary aptitude for the security/risk management function in an organization. It provides a methodology to evaluate and respond to a dynamic spectrum of threats to tangible and intangible assets on both a domestic and global basis.

Single copy price: $25.00

Obtain an electronic copy from: standards@asisonline.org

Order from: Aivelis Opicka, (703) 518-1439, aivelis.opicka@asisonline.org; Sue.Carioti@asisonline.org

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

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

Reaffirmation

BSR/ASHRAE Standard 134-2005 (R201x), Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems (reaffirmation of ANSI/ASHRAE Standard 134-2005)

The purpose of this standard is to define graphic symbols for heating, ventilating, air-conditioning, and refrigerating systems.

Single copy price: $35.00

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

Send request to: standards.section@ashrae.org

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

BPI (Building Performance Institute)

New Standard

BSR/BPI 3300-A-201x, Standard for Residential Building Air Distribution System Energy Performance (new standard)

This standard provides requirements for the energy performance of air distribution systems in residential buildings and includes requirements for measures designed to reduce heat transfer and air leakage of the air distribution system using a whole-house approach.

Single copy price: Free

Obtain an electronic copy from: standards@bpi.org

Order from: Susan Carson, (877) 274-1274, scarson@bpi.org; standards@bpi.org

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

CSA (CSA Group)

Revision

BSR Z21.13-201x, Standard for Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9) (revision of ANSI Z21.13-2013)

Details test and examination criteria for Category I, II, III and IV low-pressure steam and hot water boilers for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. In the standard, a boiler is defined as operating at or below the following pressures or temperatures:

steam heating boiler - 15 psi (103.42 kPa) steam pressure;

hot water heating or supply boiler - 160 psi (1.10 MPa) water pressure, 250° F (121°C) water temperature.

Single copy price: $175.00

Obtain an electronic copy from: David.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

EOS/ESD (ESD Association, Inc.)

Revision

BSR/ESD S20.20-201x, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2007)

This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 volts HBM, 200 volts CDM, and 20 volts MM. Activities that handle items that are susceptible to lower withstand voltages may require additional control elements or adjusted limits. Processes designed to handle items that have an ESD sensitivity to lower withstand voltages can still claim compliance to this standard.

Single copy price: 75.00 (EOS/ESD members)/$105.00 (List) [Hardcopy]; $100.00 (EOS/ESD members)/$130.00 (List) [Softcopy]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

EOS/ESD (ESD Association, Inc.)

Revision

BSR/ESD STM97.1-201x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Floor and Materials and Footwear - Resistance Measurement in Combination with a Person (revision of ANSI/ESD STM97.1-1999 (R2006))

This document establishes test methods for measuring the electrical system resistance of floor materials in combination with persons wearing static control footwear, shoes or other methods where protection of ESD susceptible items is required.

Single copy price: 75.00 (EOS/ESD members)/$105.00 (List) [Hardcopy]; $100.00 (EOS/ESD members)/$130.00 (List) [Softcopy]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO UMC 1-201x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2012)

Provides minimum standards to safeguard life or limb, health,property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location,operation and maintenance or use of heating, ventilating, cooling ,refrigeration systems, incinerators and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of mechanical systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, (909) 472 -4203, gabriella.davis@iapmo.org

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO UPC 1-2015, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2012)

This code provides minimum standards and requirements to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of plumbing systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, (909) 472 -4203, gabriella.davis@iapmo.org

SAE (Society of Automotive Engineers)

Reaffirmation

BSR/EIA 632-2003 (R201x), Processes for Engineering a System (reaffirmation of ANSI/EIA 632-2003)

Intended to enable an enterprise to strengthen its competitiveness in global markets by engineering and producing quality systems, and by delivering its products on time at an affordable price or cost. The focus, therefore, is on conceptualizing, creating, and realizing a system and the products that make up a system.

Single copy price: $163.80

Obtain an electronic copy from: cdenham@sae.org

Order from: Chris Denham, (717) 359-8807, cdenham@sae.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 508-201x, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2013)

(1) Revision to the scope; (5) Revisions to requirements covering insulating material dimensions; (6) Clarification of transformer requirements; (7) Clarification of supply connection requirements; (11) Revised requirements for surge protective devices; (13) Revisions to Tables 36.1A, 36.1B, and 36.4; (19) Clarification of requirements for minimum temperature recording intervals; (31) Addition of bus bar system marking requirements; (34) Additional dielectric test for reduced voltage solid state motor controllers; (43) Revisions to requirements covering standard fault current circuits - protective devices; (45) Revision to Breakdown of Components Test.

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: Megan Sepper, (847) 664 -3411, Megan.M.Sepper@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 924-201x, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2011)

Proposals to (1) expand scope to include means of egress lighting controls; (2) expand definition of Class 2 circuits to refer to UL 2054; (3) clarify sign definitions with regard to text and graphical symbol options and the difference between EXIT and other types of sign legends; (4) update voltage limits for risk of electric shock to align with the NEC; (5) clarify the battery compartment ventilation test and application of the associated marking; (6) updated battery requirements to reflect developments in battery technology and standards; (7) derangement signals should change status when identified triggers occur; (8) self-testing / self-diagnostic equipment revision to align with NFPA 101; (9) disconnect means for equipment with batteries and remote load connections; (10) graphical symbol exit signs; (11) revise non-energized contrast measurement test to address when the color scheme of the directional indicators and legend is identical; (12) exit sign marking to indicate rated viewing distance; (13) for the battery discharge test, clarify that recharging of the battery should occur automatically, without separate manual intervention; (14) clarification of the dielectric voltage withstand test; (15) revise requirements for field installed emergency battery packs; (16) activation lamp parameters for photoluminescent materials; (17) marking for photoluminescent signs; (18) maximum mounting height marking for emergency luminaires; and (19) miscellaneous revisions and corrections.

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: Barbara Davis, (408) 754 -6722, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1681-201X, Standard for Safety for Wiring Device Configurations (revision of ANSI/UL 1681-2012)

Proposed addition of Figure C4.1 denoting the configuration of a 2-pole, 3-wire, grounding attachment plug rated 15 A, 125 V and employing a polarized neutral blade profile.

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: Patricia Sena, (919) 549 -1636, patricia.a.sena@ul.com

Comment Deadline: October 15, 2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B31J-2008 (R201x), Standard Test Method for Determining Stress Intensification Factors (i-Factors) for Metallic Piping Components (reaffirmation of ANSI/ASME B31J-2008)

This Standard sets forth an engineering procedure deemed appropriate for the determination of the fatigue capacity of a piping component or joint in most services, relative to a standard butt-welded joint. The B31 piping Codes provide stress intensification factors for the most common piping components and joints. This Standard presents an experimental method to determine stress intensification factors.

Single copy price: $30.00

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

Send comments (with copy to psa@ansi.org) to: Richard Lucas, (212) 591 -7541, lucasr@asme.org

Projects Withdrawn from Consideration

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

AISI (American Iron and Steel Institute)

BSR/AISI S915-200x, Beam Test Method for Cold-Formed Steel Framed Diaphragms (new standard)

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

BSR/ASHRAE Standard 179P-200x, Methods of Test for Life Positive Displacement Refrigerant Compressors (new standard)

ASTM (ASTM International)

BSR/ASTM D1527-2005 (R201x), Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 (reaffirmation of ANSI/ASTM D1527-2005)

ASTM (ASTM International)

BSR/ASTM E1529-201x, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2010)

ASTM (ASTM International)

BSR/ASTM F609-201x, Test Method for Using a Horizontal Pull Slipmeter (HPS) (new standard)

Inquiries may be directed to Karen Wilson, (610) 832-9743, accreditation@astm.org

ASTM (ASTM International)

BSR/ASTM F1216-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube (revision of ANSI/ASTM F1216-2009)

ASTM (ASTM International)

BSR/ASTM F1495-201x, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2005)

ASTM (ASTM International)

BSR/ASTM F1743-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-In-Place Installation of Cured-In-Place Thermosetting Resin Pipe (CIPP) (revision of ANSI/ASTM F1743-2008a)

ASTM (ASTM International)

BSR/ASTM F2019-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled-In-Place Installation of Glass Reinforced Plastic (GRP) Cured-In-Place Thermosetting Resin Pipe (CIPP) (revision of ANSI/ASTM F2019-2011)

ASTM (ASTM International)

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

ASTM (ASTM International)

BSR/ASTM WK33088-201x, Practice for Installation of a PVC Segmental Panel Liner System in Man-Entry Size Sewers and Conduits (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 1051-200x, Specification for Increased UTP and SCTP Cable Diameter (new standard)

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: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI ID26-2004 (R201x), Medical electrical equipment, Part 2: Particular requirements for the safety of infusion pumps and controllers (reaffirmation of ANSI/AAMI ID26-2004 (R2009))

BSR/AAMI ST24-1999 (R201x), Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (reaffirmation of ANSI/AAMI ST24-1999 (R2009))

BSR/AAMI/ISO 5841-2-201x, Implants for surgery - Cardiac pacemakers - Part 2: Reporting of clinical performance of populations of pulse generators or leads (identical national adoption of ISO DIS 5841-2)

BSR/AAMI/ISO 10993-1-2009 (R201x), Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (reaffirmation of ANSI/AAMI/ISO 10993-1-2009)

BSR/AAMI/ISO 10993-3-2003 (R201x), Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (reaffirmation of ANSI/AAMI/ISO 10993-3-2003 (R2009))

BSR/AAMI/ISO 10993-4:2002 (R201x), Biological evaluation of medical devices - Part 4: Selection of tests for interactions with bloo (reaffirmation of ANSI/AAMI/ISO 10993-4-2002 (R2009))

BSR/AAMI/ISO 10993-5-2009 (R201x), Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity (reaffirmation of ANSI/AAMI/ISO 10993-5-2009)

BSR/AAMI/ISO 13408-6-2005 (R201x), Aseptic processing of health care products - Part 6: Isolator systems (reaffirmation of ANSI/AAMI/ISO 13408-6-2005)

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 1211 (SI)-2011 with Addendum 1, Performance Rating of Variable Frequency Drives (revision of ANSI/AHRI Standard 1210-2011)

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 93-2010 (R201x), Methods of Testing to Determine the Thermal Performance of Solar Collectors (reaffirmation of ANSI/ASHRAE Standard 93-2010)

BSR/ASHRAE Standard 134-2005 (R201x), Graphic Symbols for Heating, Ventilating, Air-Conditioning, and Refrigerating Systems (reaffirmation of ANSI/ASHRAE Standard 134-2005)

BSR/ASHRAE Standard 190P-2013 (R201x), Method of Test for Determining Airtightness of HVAC Equipment (reaffirmation of ANSI/ASHRAE Standard 190P-2013)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Gerry Coons*

Phone: (703) 549-7600

Fax: (703) 549-7604

E-mail: gcoons@opei.org; dmustico@opei.org; gknott@opei.org

BSR/OPEI 60335-2-107-201x, Standard for Safety for Robotic Battery Powered Electrical Lawnmowers (national adoption with modifications of IEC 60335-2-107)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 515 om-201x, Visual grading and color matching of paper (new standard)

Call for Members (ANS Consensus Bodies)

ASC B3 and the U.S. TAG to ISO TC 4 – Rolling Bearings

Accredited Standards Committee B3 and the U.S. TAG to ISO TC 4 “Rolling Bearings” are seeking new members in the General Interest and User classifications. These committees are hosted by the American Bearing Manufacturing Association. All business is conducted by e-mail. Openings are available for users of bearings and those with a general interest and knowledge of bearings.

Contact: jconverse@americanbearings.org or (919) 481-2852.

Final Actions on American National Standards

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

ADA (American Dental Association)

New National Adoption

ANSI/ADA Standard No. 130-2013, Dentifrices - Requirements, Test Methods and Marking (identical national adoption of ISO 27020:2010): 8/12/2013

Reaffirmation

ANSI/ADA Standard No. 53-2008 (R2013), Polymer-Based Crown and Bridge Materials (reaffirmation and redesignation of ANSI/ADA Specification No. 53-2008): 8/12/2013

Revision

ANSI/ADA Standard No. 63-2013, Root Canal Barbed Broaches and Rasps (revision of): 8/12/2013

ANSI/ADA Standard No. 78-2013, Dental Obturating Cones (revision of): 8/12/2013

ASA (ASC S3) (Acoustical Society of America)

Revision

* ANSI/ASA S3.46-2013, Methods of Measurement of Real-Ear Performance Characteristics of Hearing Aids (revision and redesignation of ANSI S3.46-1997 (R2007)): 8/12/2013

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE S279.17-2013, Lighting and Marking of Agricultural Equipment on Highways (revision and redesignation of ANSI/ASAE S279.16-2012): 8/8/2013

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

Addenda

ANSI/ASHRAE/ASHE Addendum 170ac-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170 -2008): 7/31/2013

ANSI/ASHRAE/IES Addendum dn to Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/31/2013

ANSI/ASHRAE/IES Addendum do to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 7/31/2013

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B29.12M-1997 (R2013), Steel Bushed Rollerless Chains, Attachments and Sprockets (reaffirmation of ANSI/ASME B29.12M -1997 (R2004)): 8/12/2013

ANSI/ASME B29.17M-1998 (R2013), Hinge Type Flat Top Conveyor Chains and Sprocket Teeth (reaffirmation of ANSI/ASME B29.17M -1998 (R2004)): 8/12/2013

ANSI/ASME MFC-2M-1983 (R2013), Measurement Uncertainty for Fluid Flow in Closed Conduits (reaffirmation of ANSI/ASME MFC -2M-1983 (R2006)): 8/12/2013

Revision

ANSI/ASME PCC-1-2013, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2010): 8/12/2013

ASSE (ASSE International Chapter of IAPMO)

New Standard

* ANSI/ASSE 1056-2013, Performance Requirements for Spill Resistant Vacuum Breaker Assemblies (new standard): 8/8/2013

Revision

* ANSI/ASSE 1030-2013, Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems (revision of ANSI/ASSE 1030-2010): 8/8/2013

ASTM (ASTM International)

Revision

ANSI/ASTM E2257-2013a, Test Method for Room Fire Test of Wall and Ceiling Materials and Assemblies (revision of ANSI/ASTM E2257-2008): 8/1/2013

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI ATIS 1000055-2013, Emergency Telecommunications Service (ETS): Core Network Security Requirements (new standard): 8/12/2013

Revision

ANSI ATIS 1000023-2013, ETS Network Element Requirements for a (revision, redesignation and consolidation of ANSI/ATIS 1000023 -2008, ANSI/ATIS 1000023.a-2010): 8/12/2013

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.25-2013, Electrified Locking Devices (revision of ANSI/BHMA A156.25-2007): 8/12/2013

* ANSI/BHMA A156.28-2013, Recommended Practices for Mechanical Keying Systems (revision of ANSI/BHMA A156.28-2007): 8/12/2013

HI (Hydraulic Institute)

Revision

ANSI/HI 7.1-7.5-2013, Controlled Volume Metering Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 7.1-7.5-2006): 8/12/2013

HL7 (Health Level Seven)

Revision

ANSI/HL7 V3 XMLITSSTR, R2-2013, HL7 Version 3 Standard: XML Implementation Technology Specification - V3 Structures, Release 2 (revision of ANSI/HL7 V3 XMLITSSTR, R1-2005): 8/8/2013

IEEE (Institute of Electrical and Electronics Engineers)

Revision

ANSI/IEEE C63.17-2013, Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices (revision of ANSI/IEEE C63.17-2006): 8/12/2013

ISA (ISA)

New National Adoption

ANSI/ISA 60079-0 (12.00.01)-2013, Explosive Atmospheres - Part 0: Equipment - General Requirements (national adoption of IEC 60079 -0 with modifications and revision of ANSI/ISA 60079-0 (12.00.01) -2009): 7/26/2013

New Standard

ANSI/ISA 62443-3-(99.03.03)-2013, Security for industrial automation and control systems - Part 3-3: System security requirements and security levels (new standard): 8/12/2013

Reaffirmation

ANSI/ISA 60079-1 (12.22.01)-2009 (R2013), Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures 'd' (reaffirmation of ANSI/ISA 60079-1 (12.22.01)-2009): 8/9/2013

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

New National Adoption

INCITS/ISO/IEC 1539-1:2013, Information technology - Programming languages - Fortran - Part 1: Base language (identical national adoption of ISO/IEC 1539-1:2010 and revision of INCITS/ISO/IEC 1539-1-2008): 8/12/2013

INCITS/ISO/IEC 2382-17:2013, Information technology - Vocabulary - Part 17: Databases (identical national adoption of ISO/IEC 2382 -17:1999 and revision of INCITS/ISO 2382-17-1996 (R2011)): 8/12/2013

INCITS/ISO/IEC 9594-1:2138, Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services (identical national adoption of ISO/IEC 9594-1:2008 and revision of INCITS/ISO/IEC 9594-1:2005): 8/12/2013

INCITS/ISO/IEC 9594-2:2013, Information technology - Open Systems Interconnection - The Directory: Models (identical national adoption of ISO/IEC 9594-2:2008 and revision of INCITS/ISO/IEC 9594 -2:2005): 8/12/2013

INCITS/ISO/IEC 9594-3:2013, Information technology - Open Systems Interconnection - The Directory: Abstract service definition (identical national adoption of ISO/IEC 9594-3:2008 and revision of INCITS/ISO/IEC 9594-3:2005): 8/12/2013

INCITS/ISO/IEC 9594-4:2013, Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation (identical national adoption of ISO/IEC 9594-4:2008 and revision of INCITS/ISO/IEC 9594-4:2005): 8/12/2013

INCITS/ISO/IEC 9594-5:2013, Information technology - Open Systems Interconnection - The Directory: Protocol specifications (identical national adoption of ISO/IEC 9594-5:2008 and revision of INCITS/ISO/IEC 9594-5:2005): 8/12/2013

INCITS/ISO/IEC 9594-6:2013, Information technology - Open Systems Interconnection - The Directory: Selected attribute types (identical national adoption of ISO/IEC 9594-6:2008 and revision of INCITS/ISO/IEC 9594-6:2005): 8/12/2013

INCITS/ISO/IEC 9594-7:2013, Information technology - Open Systems Interconnection - The Directory: Selected object classes (identical national adoption of ISO/IEC 9594-7:2008 and revision of INCITS/ISO/IEC 9594-7:2005): 8/12/2013

INCITS/ISO/IEC 9594-8:2013, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks (identical national adoption of ISO/IEC 9594-8:2008 and revision of INCITS/ISO/IEC 9594-8:2005): 8/12/2013

INCITS/ISO/IEC 9594-9-2013, Information technology - Open Systems Interconnection - The Directory: Replication (identical national adoption of ISO/IEC 9594-9:2008 and revision of INCITS/ISO/IEC 9594-9-2001): 8/12/2013

INCITS/ISO/IEC 23271-2013, Information technology - Common Language Infrastructure (CLI) (identical national adoption of ISO/IEC 23271:2012 and revision of INCITS/ISO/IEC 23271-2008): 8/12/2013

INCITS/ISO/IEC 10995:2013, Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media (identical national adoption of ISO/IEC 10995:2011 and revision of INCITS/ISO/IEC 10995:2008[2008]): 8/12/2013

Reaffirmation

INCITS/ISO/IEC 9281-2-1990 (R2013), Information technology - Picture coding methods - Part 2: Procedure for registration (reaffirmation of INCITS/ISO/IEC 9281-2-1990 (R2008)): 8/12/2013

INCITS/ISO/IEC 9282-1-1988 (R2013), Information processing - Coded representation of pictures - Part 1: Encoding principles for picture representation in a 7-bit or 8-bit environment (reaffirmation of INCITS/ISO/IEC 9282-1-1988 (R2008)): 8/12/2013

INCITS/ISO/IEC 10918-1-1994 (R2013), Information technology - Digital compression and coding of continuous-tone still images: Requirements and guidelines (reaffirmation of INCITS/ISO/IEC 10918-1-1994 (R2008)): 8/12/2013

INCITS/ISO/IEC 10918-2-1995 (R2013), Information technology - Digital compression and coding of continuous-tone still images: Compliance testing (reaffirmation of INCITS/ISO/IEC 10918-2-1995 (R2008)): 8/12/2013

INCITS/ISO/IEC 10918-3-1997 (R2013), Information Technology - Digital Compression and Coding of Continuous-Tone Still Images - Part 3: Exensions (reaffirmation of INCITS/ISO/IEC 10918-3-1997 (R2008)): 8/12/2013

INCITS/ISO/IEC 11172-1-1993 (R2013), Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 1: Systems (reaffirmation of INCITS/ISO/IEC 11172-1-1993 (R2008)): 8/12/2013

INCITS/ISO/IEC 11172-2-1993 (R2013), Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 2: Video (reaffirmation of INCITS/ISO/IEC 11172-2-1993 (R2008)): 8/12/2013

INCITS/ISO/IEC 11172-3-1993 (R2013), Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 3: Audio (reaffirmation of INCITS/ISO/IEC 11172-3-1993 (R2008)): 8/12/2013

INCITS/ISO/IEC 11172-4-1995 (R2013), Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 4: Conformance testing (reaffirmation of INCITS/ISO/IEC 11172-4-1995 (R2008)): 8/12/2013

INCITS/ISO/IEC 11544-1993 (R2013), Information technology - Coded representation of picture and audio information - Progressive bi-level image compression (reaffirmation of INCITS/ISO/IEC 11544-1993 (R2008)): 8/12/2013

INCITS/ISO/IEC 13818-2:2000/AM1:2001 (R2013), Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 2: Video - Amendment 1: Content Description Data (reaffirmation of INCITS/ISO/IEC 13818 -2:2000/AM1:2001): 8/12/2013

INCITS/ISO/IEC 14495-2-2003 (R2013), Information technology - Lossless and near-lossless compression of continuous-tone still images: Extensions (reaffirmation of INCITS/ISO/IEC 14495-2-2003 (R2008)): 8/12/2013

INCITS/ISO/IEC 14496-5-2000 (R2013), Information technology - Coding of audio-visual objects - Part 5: Reference software (reaffirmation of INCITS/ISO/IEC 14496-5-2000): 8/12/2013

INCITS/ISO/IEC 14496-14-2003 (R2013), Information technology - Coding of audio-visual objects - Part 14: MP4 file format (reaffirmation of INCITS/ISO/IEC 14496-14-2003 (R2008)): 8/12/2013

INCITS/ISO/IEC 14496-5-2001/AM 2-2003 (R2013), Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 2: MPEG-4 reference software extensions for XMT and media nodes (reaffirmation of INCITS/ISO/IEC 14496-5 -2001/AM 2-2003 (R2008)): 8/12/2013

INCITS/ISO/IEC 15444-2-2004 (R2013), Information technology - JPEG 2000 image coding system: Extensions (reaffirmation of INCITS/ISO/IEC 15444-2-2004): 8/12/2013

INCITS/ISO/IEC 15444-3-2002 (R2013), Information technology - JPEG 2000 image coding system: Motion JPEG 2000 (reaffirmation of INCITS/ISO/IEC 15444-3-2002): 8/12/2013

INCITS/ISO/IEC 15444-4-2002 (R2013), Information technology - JPEG 2000 image coding system: Conformance testing (reaffirmation of INCITS/ISO/IEC 15444-4-2002): 8/12/2013

INCITS/ISO/IEC 15444-6-2003 (R2013), Information technology - JPEG 2000 image coding system - Part 6: Compound image file format (reaffirmation of INCITS/ISO/IEC 15444-6-2003 (R2008)): 8/12/2013

INCITS/ISO/IEC 15444-2-2004/AM2-2008 (R2013), Information technology - JPEG 2000 image coding system: Extensions - Amendment 2: Extended capabilities marker segment (reaffirmation of INCITS/ISO/IEC 15444-2-2004/AM2-2008): 8/12/2013

INCITS/ISO/IEC 14496-5-2001 AM 1-2002 (R2013), Information technology - Coding of audio-visual objects - part 5: Reference software - Amendment 1: Reference software for MPEG-4 (reaffirmation of INCITS/ISO/IEC 14496-5-2001 AM 1-2002 (R2008)): 8/12/2013

Withdrawal

INCITS/ISO/IEC 9594-10-2005, Information technology - Open Systems Interconnection - The Directory: Use of systems management for administration of the Directory (withdrawal of INCITS/ISO/IEC 9594-10-2005 (2008)): 8/12/2013

NEMA (ASC C18) (National Electrical Manufacturers Association)

Revision

* ANSI C18.3M, Part 1-2013, Portable Lithium Primary Cells and Batteries - General and Specifications (revision of ANSI C18.3M, Part 1-2008): 8/8/2013

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 25-2013, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/NFPA 25-2011): 8/21/2013

ANSI/NFPA 58-2013, Liquefied Petroleum Gas Code (revision of ANSI/NFPA 58-2011): 8/21/2013

ANSI/NFPA 70-2013, National Electrical Code® (revision of ANSI/NFPA 70-2011): 8/21/2013

ANSI/NFPA 96-2013, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations (revision of ANSI/NFPA 96-2011): 8/21/2013

ANSI/NFPA 130-2013, Standard for Fixed Guideway Transit and Passenger Rail Systems (revision of ANSI/NFPA 130-2010): 8/21/2013

ANSI/NFPA 502-2013, Standard for Road Tunnels, Bridges, and Other Limited Access Highways (revision of ANSI/NFPA 502-2011): 8/21/2013

ANSI/NFPA 801-2013, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2008): 8/21/2013

ANSI/NFPA 1061-2013, Standard for Professional Qualifications for Public Safety Telecommunicator (revision of ANSI/NFPA 1061 -2006): 8/21/2013

NSF (NSF International)

Revision

* ANSI/NSF 14-2013 (i51r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2012): 8/11/2013

* ANSI/NSF 14-2013 (i53r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2013): 8/11/2013

* ANSI/NSF 350-2013 (i5), Onsite residential and commercial reuse treatment systems (revision of ANSI/NSF 350-2013): 8/7/2013

* ANSI/NSF 350-1-2013 (i5), Onsite residential and commercial graywater treatment systems for subsurface discharge (revision of ANSI/NSF 350-1-2013): 8/7/2013

OPEI (Outdoor Power Equipment Institute)

Revision

* ANSI/OPEI B175.4-2013, Outdoor Power Equipment - Portable, Hand-Held, Internal Combustion Engine-Powered Cut-Off Machines - Safety and Environmental Requirements (revision of ANSI B175.4 -2006): 8/12/2013

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 138-2013, Stream Conditioning for Switching of Addressable Content in Digital Television Receivers (revision of ANSI/SCTE 138-2009): 8/12/2013

TIA (Telecommunications Industry Association)

Reaffirmation

ANSI/TIA 136-410-1-2001 (R2013), TDMA Cellular PCS - Enhanced Full-Rate Voice Codec- Addendum 1 (reaffirmation of ANSI/TIA 136 -410-1-2001 (R2003)): 8/14/2013

ANSI/TIA/EIA 136-100-B-2000 (R2013), TDMA Third Generation Wireless - Introduction to Channels (reaffirmation of ANSI/TIA/EIA 136-100-B-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-122-B-2000 (R2013), TDMA Third Generation Wireless - Digital Control Channel Layer 2 (reaffirmation of ANSI/TIA/EIA 136-122-B-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-150-B-2000 (R2013), TDMA Third Generation Wireless - Analog Voice Channel (reaffirmation of ANSI/TIA/EIA 136 -150-B-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-220-2000 (R2013), TDMA Third Generation Wireless - VSELP Minimum Performance (reaffirmation of ANSI/TIA/EIA 136-220-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-230-2000 (R2013), TDMA Third Generation Wireless - Minimum Performance Specifications for US-1 Voice Coder (reaffirmation of ANSI/TIA/EIA 136-230-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-310-A-2000 (R2013), TDMA Third Generation Wireless - Radio Link Protocol -1 (reaffirmation of ANSI/TIA/EIA 136 -310-A-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-320-2000 (R2013), TDMA Third Generation Wireless - Radio Link Protocol -2 (reaffirmation of ANSI/TIA/EIA 136 -320-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-330-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service Overview (reaffirmation of ANSI/TIA/EIA 136-330-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-331-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136+ Physical Layer (reaffirmation of ANSI/TIA/EIA 136-331-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-332-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136+ Medium Access Control (reaffirmation of ANSI/TIA/EIA 136-332-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-333-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - Logical-Link Control (reaffirmation of ANSI/TIA/EIA 136-333-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-334-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - Subnetwork Dependent Convergence Protocol (reaffirmation of ANSI/TIA/EIA 136-334-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-335-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - Radio Resource Management (reaffirmation of ANSI/TIA/EIA 136-335-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-336-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - Mobility Management (reaffirmation of ANSI/TIA/EIA 136-336-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-337-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - Tunneling of Signaling Messages (reaffirmation of ANSI/TIA/EIA 136-337-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-340-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Outdoor Overview (reaffirmation of ANSI/TIA/EIA 136-340-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-341-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Outdoor Physical Layer (reaffirmation of ANSI/TIA/EIA 136-341-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-342-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Outdoor RLC/MAC (reaffirmation of ANSI/TIA/EIA 136-342-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-360-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Indoor Overview (reaffirmation of ANSI/TIA/EIA 136-360-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-361-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Indoor Physical Layer (reaffirmation of ANSI/TIA/EIA 136-361-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-362-2000 (R2013), TDMA Third Generation Wireless - Packet Data Service - 136HS Indoor RLC/MAC (reaffirmation of ANSI/TIA/EIA 136-362-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-410-1999 (R2013), TDMA Cellular PCS - Enhanced Full-Rate Voice Codec (reaffirmation of ANSI/TIA 136-410-1999 (R2003)): 8/14/2013

ANSI/TIA/EIA 136-430-1999 (R2013), TDMA Cellular PCS - US1 (reaffirmation and redesignation of ANSI/TIA 136-430-1999): 8/14/2013

ANSI/TIA/EIA 136-510-B-2000 (R2013), TDMA Third Generation Wireless - Authentication, Encryption of Signaling Information User Data and Privacy (reaffirmation of ANSI/TIA/EIA 136-510-B-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-511-A-2000 (R2013), TDMA Third Generation Wireless - Messages Subject to Encryption (reaffirmation of ANSI/TIA/EIA 136-511-A-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-900-2000 (R2013), TDMA Third Generation Wireless - Introduction to Annexes/Appendices (reaffirmation of ANSI/TIA/EIA 136-900-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-932-2000 (R2013), TDMA Third Generation Wireless - Packet Data Services - Stage 2 Description (reaffirmation of ANSI/TIA/EIA 136-932-2000 (R2004)): 8/14/2013

ANSI/TIA/EIA 136-310-A-1-2001 (R2013), TDMA Third Generation Wireless - Radio Link Protocol - 1, Addendum 1 (reaffirmation of ANSI/TIA/EIA 136-310-A-1-2001 (R2004)): 8/14/2013

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 60079-1-2009 (R2013), Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d" (reaffirmation of ANSI/UL 60079-1-2009): 8/9/2013

Revision

ANSI/UL 723-2013, Standard for Safety for Test of Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723 -2010): 8/12/2013

Project Initiation Notification System (PINS)

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

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

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

API (American Petroleum Institute)

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ANSI/API 661/ISO 13706-2001, Air-Cooled Heat Exchangers for General Refinery Service (withdrawal of ANSI/API 661/ISO 13706-2001)

Stakeholders: Oil refinery operators, oil refinery equipment and service providers, and General Interest (consultants, government and contractors).

Project Need: API Standard 661, published July 2013, replaces ANSI/API 661/ISO 13706-2001.

This Standard gives requirements and recommendations for the design, materials, fabrication, inspection, testing, and preparation for shipment of air-cooled heat exchangers for use in the petroleum and natural gas industries. This Standard is applicable to air-cooled heat exchangers with horizontal bundles, but the basic concepts may also be applied to other configurations.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street
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Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

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BSR X9.116-1/ISO 20022-1-201x, Universal Financial Industry Message Scheme Part 1: Metamodel (national adoption of ISO 20022-1:2013 with modifications and revision of ANSI X9.116-1, ISO 20022-1-2008)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 consists of:
- the overall description of the modelling approach;
- the overall description of the ISO 20022 Repository contents;
- a high-level description of the input to be accepted by the Registration Authority to feed/modify the Repository's Data Dictionary and Business Process Catalogue;
- a high-level description of the Repository output to be made publicly available by the Registration Authority.

Business Transactions and Message Sets complying with ISO 20022 can be used for electronic data interchange amongst any industry participants (financial and others), independently of any specific communication network. Network-dependent rules, such as message acknowledgement and message protection, are outside the scope of ISO 20022.

BSR X9.116-2/ISO 20022-2-201x, Universal Financial Industry Message Scheme Part 2: UML Profile (identical national adoption of ISO 20022-2-2013 and revision of ANSI/X9.116-2/ISO 20022-2-201x)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

Part 2 specifies the responsibilities of the bodies involved in the registration and maintenance of the Data Dictionary and Business Process Catalogue items in the ISO 20022 Repository. The Registration Authority (RA) is the operating authority responsible for the above-mentioned tasks, and is assisted by different Standards Management Groups (SMG), i.e., groups of industry experts responsible for specific Business Areas of the Repository. The Registration Management Group (RMG) is the governing body of the overall registration process and the appeal body for the communities of users, the RA and the SMGs, and monitors the registration process performance.

BSR X9.116-3/ISO 20022-3-201x, Universal Financial Industry Message Scheme Part 3: Modelling (identical national adoption of ISO 20022-3-2013)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 describes the modelling workflow, complementing ISO 20022-1 and ISO 20022-2. The modelling workflow describes the required steps a modeller follows in order to develop and maintain standardized Business Transactions and Message Sets. This part of ISO 20022 is not intended to describe what will be the permissible artifacts and/or documents to be submitted to the Registration Authority (this information is contained in ISO 20022-7).

BSR X9.116-4/ISO 20022-4-201x, Universal Financial Industry Message Scheme Part 4: XML Schema Generation (identical national adoption of ISO 20022-4-2013)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 was prepared to complement the ISO 20022 Metamodel, as specified in ISO 20022-1, with the XML syntax transformation rules to be applied by the ISO 20022 Registration Authority in order to translate an ISO 20022 compliant Message Definition into an XML Schema for the description and validation of XML Messages. It specifies the transformation rules from level 3 to level 4. It is a deterministic transformation, meaning that the resulting XML Schema is completely predictable for a given Message Definition. There is neither manual input to the transformation itself nor manual adjustment to the result of the transformation.

BSR X9.116-5/ISO 20022-5-201x, Universal Financial Industry Message Scheme Part 5: Reverse Engineering (identical national adoption of ISO 20022-5-2013 and revision of ANSI X9.116-5/ISO 20022-5-201x)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 was prepared to complement ISO 20022-1. The reverse engineering guidelines explain how to extract relevant information from existing Industry Message Sets in order to prepare the submission to the ISO 20022 Registration Authority of equivalent, ISO 20022 compliant Business Transactions and Message Sets. The ISO 20022 Repository will contain all ISO 20022 compliant Business Transactions and Message Sets, as outlined in ISO 20022-1.

BSR X9.116-6/ISO 20022-6-201x, Universal Financial Industry Message Scheme Part 6: Message Transport Characteristics (identical national adoption of ISO 20022-6-2013)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 specifies the characteristics of the Message Transport System required for an ISO 20022 Business Transaction and Message Definition. Changes to the value of the Message Transport Characteristics can affect the Business Transaction and Message Definition. Each Business Transaction in the ISO 20022 Repository is associated with a Message Transport Mode. The Message Transport Mode specifies the values for the Message Transport Characteristics. This part of ISO 20022 specifically does not define the wire-level interoperability of message transports. The overall structure is of a layered specification so that ISO 20022 can be implemented over many message transports. This part of ISO 20022 defines only those characteristics required for interoperability at the business process and message level.

BSR X9.116-7/ISO 20022-7-201x, Universal Financial Industry Message Scheme Part 7: Registration (identical national adoption of ISO 20022-7-2013)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 specifies the responsibilities of the Registration Authority. The Registration Authority (RA) is the operating authority responsible for the registration of the universal financial industry message scheme and the maintenance of the ISO 20022 Repository, and for providing access to the information as described in ISO 20022 -1. Concerning the registration request process, the RA is monitored and assisted by ISO/TC 68.

BSR X9.116-8/ISO 20022-8-201x, Universal Financial Industry Message Scheme Part 8: ASN.1 Generation (identical national adoption of ISO 20022-8-2013)

Stakeholders: Payments, securities and trade business domains.

Project Need: Support and use of globally compliant messages across a broad spectrum of business functions with the financial services community.

This part of ISO 20022 describes the transformation rules to generate ASN.1 abstract syntax from an ISO 20022 compliant Message Definition. The generated abstract syntax is for the description and validation of Messages. The transformation rules are a transformation from Level 3 to Level 4. It is a deterministic transformation, meaning that the resulting ASN.1 is completely predictable for a given Message Definition. There is neither manual input to the transformation itself nor manual adjustment to the result of the transformation. This part of ISO 20022 is the ASN.1 equivalent of ISO 20022-4. In ISO 20022-4 the abstract syntax generated is XML Schema; in this part of ISO 20022 it is ASN.1. In ISO 20022-4 the only encoding supported is UTF-8 XML; in this part there are multiple encodings supported for ASN.1. These include all the standard encodings, but in addition the ability to register custom encodings in ECN.

ASME (American Society of Mechanical Engineers)

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BSR/ASME RT-2-201x, Safety Standard for Structural Requirements for Heavy Rail Transit Vehicles (revision of ANSI/ASME RT-2-2008)

Stakeholders: Heavy rail transit vehicle manufacturers, purchaser/owner/operators, consultants, general interest, employees/union interest, regulatory/trade association.

Project Need: Updates to this document are required to incorporate proposed revisions.

This Standard applies to car bodies of newly constructed heavy rail transit vehicles for transit passenger service. It defines requirements for the incorporation of passive safety design concepts related to the performance of the car body of heavy rail transit vehicles in conditions such as collisions, so as to enhance passenger safety, and limit and control damage.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959
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E-mail: accreditation@astm.org

BSR/ASTM WK42994-201x, New Specification for Synthetic Water Lubricated Bearings for Marine Propulsion (new standard)

Stakeholders: Machinery and piping systems industry.

Project Need: Develop a standard for the dynamic performance testing and evaluation of existing and future synthetic material suitable for operating in various environmental conditions with propulsion system types.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK42994.htm

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
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Contact: *Veronica Lancaster*
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E-mail: vlancaster@ce.org

* BSR/CEA 766-D-201x, U.S. and Canadian Rating Region Tables (RRT) and Content Advisory Descriptors for Transport of Content Advisory Information Using ATSC Program and System Information Protocol (PSIP) (revision and redesignation of ANSI/CEA 766-C -2008)

Stakeholders: Consumers, manufacturers, retailers.

Project Need: Revise ANSI/CEA-766-C

CEA-766-C augments ATSC A/65C and designates (a) the RRT, which provides the receiver with the definition of the rating system and b) the Content Advisory Descriptors, which provide the receiver with the specific program rating for each program.

* BSR/CEA 2010-B-201x, Standard Method of Measurement for Powered Subwoofers (revision and redesignation of ANSI/CEA 2010-A-2012)

Stakeholders: Consumers, audio and speaker manufacturers, and retailers.

Project Need: Revision of ANSI/CEA 2010-A.

This standard defines a method for measuring the audio performance of powered subwoofers. The revision will include adding the maximum continuous SPL output capability measurement, as well as providing a reporting of the combined SPL (continuous & peak) tempered with a defined crest factor signal.

HL7 (Health Level Seven)

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Ann Arbor, MI 48104
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BSR/HL7 Arden V2.10-201x, Health Level Seven Arden Syntax for Medical Logic Systems, Version 2.10 (revision and redesignation of ANSI/HL7 Arden V2.9-2013)

Stakeholders: EHR, PHR, and clinical decision support vendors and Healthcare Institutions (hospitals, long-term care, home care, mental health).

Project Need: Procedural knowledge sharing for clinical decision support is impaired without a standard data model to map between a local institution's data repository and the executable knowledge formalism. Providing a standard data model within the Arden Syntax will address this challenge and help advance one Arden's goals. This version also provides a normative equivalent of Arden Syntax in XML to increase its utility.

The key substantive change from version 2.9 will be the provision of a standard data model, leveraging the HL7 vMR standard, that addresses the "curly braces problem" by providing standard mappings to clinical and other data used in clinical decision support. In addition, in order to facilitate verification and tooling, the project will migrate the current non-mandatory appendix specifying an XML representation to the normative part of the document, thus facilitating representation of MLMs in the original Arden and its XML equivalent.

OPEI (Outdoor Power Equipment Institute)

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Alexandria, VA 22314
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Fax: (703) 549-7604
E-mail: gcoons@opei.org; dmustico@opei.org; gknott@opei.org

* BSR/OPEI 60335-2-107-201x, Standard for Safety for Robotic Battery Powered Electrical Lawnmowers (national adoption with modifications of IEC 60335-2-107)

Stakeholders: Consumers and manufacturers of robotic battery-powered electrical lawnmowers.

Project Need: To obtain national recognition of a standard covering robotic battery-powered electrical lawnmowers.

This standard deals with the safety of robotic battery powered electrical rotary lawnmowers with the rated voltage of the battery being not more than 75 V d.c. and charged by mains electrical and/or solar power. This standard deals with the common hazards presented by battery powered robotic lawnmowers for use around the home or for similar purposes.

SCTE (Society of Cable Telecommunications Engineers)

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Exton, PA 19341

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E-mail: tmurdock@scte.org

BSR/SCTE 35-201x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2012)

Stakeholders: Cable Telecommunications industry.

Project Need: Revise current ANS.

This standard supports frame accurate signaling of events in MPEG-2 transport streams along with associated descriptive data. This standard supports the splicing of MPEG-2 transport streams for the purpose of Digital Program Insertion, which includes advertisement insertion and insertion of other content types.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

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E-mail: standards@tappi.org

BSR/TAPPI T 515 om-201x, Visual grading and color matching of paper (new standard)

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

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

This method describes the spectral, photometric, and geometric characteristics of a light source, the illuminating and viewing conditions, and the procedures to be used for the visual evaluation of color differences of paper, including those containing fluorescent whitening agents.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
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ACCA
Air Conditioning Contractors of America
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Web: www.acca.org

ADA (Organization)
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Fax: (312) 440-2529
Web: www.ada.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2111 Wilson Boulevard
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Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

AISI
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Fax: (202) 452-1039
Web: www.steel.org

AMCA
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Web: www.amca.org

API
American Petroleum Institute
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Web: www.api.org

ASA (ASC S12)
Acoustical Society of America
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Phone: (631) 390-0215
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ASABE
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ASC X9
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Web: www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
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Fax: (678) 539-2194
Web: www.ashrae.org

ASIS
ASIS International
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ASME
American Society of Mechanical Engineers
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ASSE (Organization)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
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Fax: (708) 479-6139
Web: www.asse-plumbing.org

ASTM
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Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
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Phone: (202) 434-8841
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Web: www.atis.org

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue
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Fax: (212) 370-9047
Web: www.buildershardware.com

BPI
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CEA
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1919 South Eads Street
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CSA
CSA Group
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Fax: (216) 520-8979
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EOS/ESD
ESD Association
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Fax: (315) 339-6793
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HI
Hydraulic Institute
6 Campus Drive, 1st Fl North
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Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.org

HL7
Health Level Seven
3300 Washtenaw Avenue
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Ann Arbor, MI 48104
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Fax: (734) 677-6622
Web: www.hl7.org

IAPMO
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IEEE
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ISA (Organization)
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Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3290
Fax: (703) 841-3398
Web: www.nema.org

NFPA
National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169-7471
Phone: (617) 770-3000
Fax: (617) 770-3500
Web: www.nfpa.org

NSF
NSF International

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

OPEI
Outdoor Power Equipment Institute

341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: www.opei.org

SAE
Society of Automotive Engineers

400 Commonwealth Drive
Warrendale, PA 15906
Phone: (717) 359-8807
Fax: (703) 525-2279
Web: www.sae.org

SCTE
Society of Cable Telecommunications Engineers

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

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-2881
Fax: (847) 664-2881
Web: www.ul.com

ExSC_079_2013

ANS-Related Pilot Announcement

Pilot to Test a Streamlined Approval Process for Procedures to be used by two or more ANSI-Accredited Standards Developers (ASD) in connection with a jointly developed proposed American National Standard (ANS) or suite of jointly developed proposed ANS

ANSI-Accredited Standards Developers interested in participating in the pilot described below must contact Anne Caldas at acaldas@ansi.org within 30 calendar days of the date this notice is published. After that date, the pilot is closed. Participation will be limited and participating ASDs will be required to report to the ANSI ExSC at least once within the first 12 months and more frequently if the ExSC requests it.

The ExSC reserves the exclusive right to halt the pilot based on its oversight of the activities undertaken by ASDs in relation to it.

1.0 Pilot Duration

To be determined. Progress report due one year from the official start of the pilot.

2.0 Pilot Goal

Test the feasibility of a streamlined administrative approval process of procedures to be used by two or more ANSI-Accredited Standards Developers (ASD) for jointly developed proposed American National Standards (ANS) within a specific scope or timeframe.

3.0 Pilot Participation Requirements

All participating standards developers must be an ASD in good standing and not presently subject to suspension, withdrawal or a special audit. If, during the course of the pilot, a developer's accreditation is suspended or withdrawn as a result of an audit or appeal, the ANSI ExSC shall reconsider the ASD's participation in this pilot.

- The joint proposed procedures must be based on currently accredited procedures and shall not include any provisions that are not clearly compliant with the *ANSI Essential Requirements.*
    - Evidence of approval of the proposed joint procedures by each ASD in accordance with its routine process for the approval of its procedures must be provided to ANSI prior to review of the joint procedures.

- A lead ASD must be identified and is responsible for the satisfactory fulfillment of all compliance requirements including the maintenance of the resulting ANS and routine ANSI Audit.

4.0 Pilot Participants

Participating ASDs must provide written assurance that:

a) records concerning the implementation of the joint procedures will be maintained by the lead ASD and available for review by the ANSI Audit Program and the ANSI ExSC; and

b) the procedures are in compliance with the *ANSI Essential Requirements.*

If an Audited Designator is one of the joint ASDs participating in this pilot and the Audited Designator wishes to retain its ability to approve one or more resulting joint standards as an ANS, then the Audited Designator must serve as the lead sponsor, subject to Audit and all other procedural compliance and oversight requirements.

5.0 Pilot Procedures:

- **Application and proposed procedures**
    - During the pilot phase an application fee will not apply.
    - An applicant is required to provide the information requested by ANSI on behalf of the ANSI ExSC, including a signed certification of compliance and an explanation of the procedures submitted. For example, if the joint pilot procedures are based largely on one ASD's current procedures with limited revisions, this should be explained and the revisions shown in the base procedures in strike-through and underline format.
- **Review of procedures submitted under this pilot**

  ANSI staff will first review procedures submitted under this pilot:

    - If the procedures appear to be fully compliant, then an announcement shall be placed in *Standards Action* for informational purposes only with the contact for the lead developer listed in the announcement.
    - If the procedures do not appear to be fully compliant, staff will consult with the Chair of the ANSI ExSC's Accreditation Sub-committee (SCA) and if necessary, with the SCA.
        - Staff will communicate any concerns to the lead ASD for response and circulate the response to the SCA Chair and any other ExSC Members already engaged in the review for consideration.
    - Staff will issue a one-week ballot to the SCA for approval of the final version of the joint procedures as submitted by the lead ASD.
    - Staff will announce approval decision in *Standards Action* for informational purposes only.
    - No revisions may be made after a project has been initiated under an approved set of joint procedures except to the extent such revisions are required to remain in compliance with the *ANSI Essential Requirements*.
    - Approved procedures must be made publicly available by the lead ASD.

6.0 ANSI ExSC Oversight of Pilot

The ANSI ExSC will oversee the pilot. Staff will consult with ExSC Officers, Executive Committee Members and the Accreditation Sub-committee (SC-A) as detailed herein and otherwise as needed. It is expected that final decisions will be made by the ANSI ExSC Accreditation Sub-committee (ExSC SCA) on an expedited basis; however, if deemed necessary, the ExSC SCA may request review of any procedural issue by the ANSI ExSC Membership.

7.0 ANSI Audit

All resulting standards shall be reviewed in connection with the lead developer's regularly scheduled Audit.

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 17224, Corrosion of metals and alloys - Test method for high temperature corrosion testing of metallic materials by application of a deposit of salt, ash, or other substances - 11/22/2013

ISO/DIS 17245, Corrosion of metals and alloys - Test method for high temperature corrosion testing of metallic materials by immersing in molten salt or other liquids under static conditions - 11/22/2013

ISO/DIS 17248, Corrosion of metals and alloys - Test method for high temperature corrosion testing of metallic materials by embedding in salt, ash, or other solids - 11/22/2013

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 10762, Hydraulic fluid power - Mounting dimensions for cylinders, 10 MPa (100 bar) series [Revision of ISO 10762: 1997] - 11/16/2013, $77.00

GAS CYLINDERS (TC 58)

ISO/DIS 11119-4, Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - Part 4: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 L with load-sharing welded metallic liners - 11/16/2013, $112.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7001/CD Amd52, Graphical symbols - Public information symbols - Amendment 5: Symbol PI CF 012: Foot care - 11/18/2013, FREE

ISO 7001/CD Amd53, Graphical symbols - Public information symbols - Amendment 5: Symbol PI CF 015: Barber, beauty salon - 11/18/2013, FREE

ISO 7001/CD Amd54, Graphical symbols - Public information symbols - Amendment 5: Symbol PI CF 016: Cinema - 11/18/2013, FREE

ISO 7001/CD Amd55, Graphical symbols - Public information symbols - Amendment 5: Symbol PI CF 017: Car repair workshop - 11/18/2013, FREE

ISO 7001/CD Amd56, Graphical symbols - Public information symbols - Amendment 5: Symbol PI CF 018: Wireless LAN - 11/18/2013, FREE

ISO 7001/CD Amd58, Graphical symbols - Public information symbols - Amendment 5: Symbol PI PF 067: Pedestrian underpass - 11/18/2013, FREE

ISO 7001/CD Amd59, Graphical symbols - Public information symbols - Amendment 5: Symbol PI PF 068: Baggage delivery - 11/18/2013, FREE

ISO 7001/CD Amd60, Graphical symbols - Public information symbols - Amendment 6: Symbol PI TF 028: Safety check - 11/18/2013, FREE

ISO 7001/CD Amd62, Graphical symbols - Public information symbols - Amendment 6: Symbol PI PB 008: Surveillance camera - 11/18/2013, FREE

ISO 7001/CD Amd63, Graphical symbols - Public information symbols - Amendment 6: Symbol PI PF 069: Baggage assistant - 11/18/2013, FREE

ISO 7001/CD Amd64, Graphical symbols - Public information symbols - Amendment 6: Symbol PI PF 070: Embassy - 11/18/2013, FREE

ISO 7001/CD Amd65, Graphical symbols - Public information symbols - Amendment 6: Symbol PI TC 015: Beach - 11/18/2013, FREE

ISO 7001/CD Amd66, Graphical symbols - Public information symbols - Amendment 6: Symbol PI TC 016: Planetarium - 11/18/2013, FREE

ISO 7001/CD Amd67, Graphical symbols - Public information symbols - Amendment 6: Symbol PI TF 030: Luggage weighing - 11/18/2013, FREE

ISO 7001/CD Amd72, Graphical symbols - Public information symbols - Symbol PI TF 035: Water taxi - 11/18/2013, FREE

ISO 7001/CD Amd73, Graphical symbols - Public information symbols - Symbol PI CF 010: Conference facilities / Meeting room - 11/18/2013, FREE

ISO 7010/CD Amd179, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign W039: Warning; Falling ice - 11/22/2013, FREE

ISO 7010/CD Amd180, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1: Safety sign W040: Warning; Roof avalanche - 11/22/2013, FREE

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO/DIS 80369-20, Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods - 11/16/2013, $93.00

STEEL (TC 17)

ISO/DIS 11972, Corrosion-resistant cast steels for general applications - 11/4/2013

ISO/DIS 14737, Cast non-alloy and low alloy steels for general applications - 11/4/2013

ISO/DIS 13583-2, Centrifugally cast steel and alloy products - Part 2: Heat resistant materials - 11/4/2013

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 16237, Mechanical joining - Destructive testing of joints - Specimen dimensions and test procedure for cross-tension testing of single joints - 11/15/2013

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-2/PDAM 1, Range extensions - 11/17/2013

ISO/IEC 23008-2/PDAM 2, Multiview extensions - 11/17/2013

ISO/IEC 14496-18/DAmd1, Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming - Amendment 1: Updated semantics of decoderSpecificInfo and font data description for ISOBMFF - 11/17/2013

ISO/IEC 14496-5:2001/PDAM 32, Information technology - Coding of audio-visual objects - Part 5: Reference software - Draft Amendment 32 - 11/17/2013

ISO/IEC 21000-8:2008/PDAM 3, Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software - Amendment 8: Contract Expression Language (CEL) and Media Contract Ontology (MCO) Reference Software - 11/17/2013

ISO/IEC 29199-4:2010/PDAM 1, Information technology - JPEG XR image coding system - Part 4: Conformance testing - Additional JPEG XR conformance test streams - 11/17/2013

ISO/IEC DIS 18004, Information technology - Automatic identification and data capture techniques - QR Code bar code symbology specification - 11/5/2013

ISO/IEC DIS 19369, Information technology - Reader guidance for NFCIP-2 test methods - 11/3/2013

ISO/IEC DIS 13157-1, Information technology - Telecommunications and information exchange between systems - NFC Security - Part 1: NFC-SEC NFCIP-1 security services and protocol - 11/3/2013

ISO/IEC DIS 23008-5, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: HEVC Conformance testing and reference software - 11/17/2013

ISO/IEC DIS 23008-8, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance Specification for HEVC - 11/17/2013

Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 14186:2013, Air cargo - Fire containment covers - Design, performance and testing requirements, $135.00

DENTISTRY (TC 106)

ISO 21563:2013, Dentistry - Hydrocolloid impression materials, $172.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 21940-31:2013, Mechanical vibration - Rotor balancing - Part 31: Susceptibility and sensitivity of machines to unbalance, $120.00

PACKAGING (TC 122)

ISO 13274:2013, Packaging - Transport packaging for dangerous goods - Plastics compatibility testing for packaging and IBCs, $142.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 12312-1:2013, Eye and face protection - Sunglasses and related eyewear - Part 1: Sunglasses for general use, $126.00

PLASTICS (TC 61)

ISO 4892-4:2013, Plastics - Methods of exposure to laboratory light sources - Part 4: Open-flame carbon-arc lamps, $80.00

REFRACTORIES (TC 33)

ISO 16334:2013, Monolithic refractory products - Determination of resistance to explosive spalling, $53.00

ROAD VEHICLES (TC 22)

ISO 13044-2:2013, Road vehicles - Fully automatic coupling systems 24 V (FACS) for heavy commercial vehicle combinations - Part 2: 50 mm fifth wheel couplings - Electrical and pneumatic interface, $142.00

ROLLING BEARINGS (TC 4)

ISO 1206/Amd1:2013, Rolling bearings - Needle roller bearings, dimension series 48, 49 and 69 - Boundary dimensions and tolerances - Amendment 1: Tolerances for shaft raceway, $20.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 17278:2013, Rubber, raw natural - Determination of the gel content of technically specified rubber (TSR), $70.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 18421:2013, Ships and marine technology - Inland navigation vessels - Lifebuoy housings, $60.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO 20998-2:2013, Measurement and characterization of particles by acoustic methods - Part 2: Guidelines for linear theory, $150.00

SMALL TOOLS (TC 29)

ISO 3338-2:2013, Cylindrical shanks for milling cutters - Part 2: Dimensional characteristics of flatted cylindrical shanks, $60.00

ISO 7755-1:2013, Hardmetal burrs - Part 1: General specifications, $70.00

ISO 7755-2:2013, Hardmetal burrs - Part 2: Cylindrical burrs (style A), $53.00

ISO 7755-3:2013, Hardmetal burrs - Part 3: Cylindrical round- (ball-) nose burrs (style C), $53.00

ISO 7755-4:2013, Hardmetal burrs - Part 4: Spherical burrs (style D), $53.00

ISO 7755-5:2013, Hardmetal burrs - Part 5: Oval burrs (style E), $53.00

ISO 7755-6:2013, Hardmetal burrs - Part 6: Arch round- (ball-) nose burrs (style F), $53.00

ISO 7755-7:2013, Hardmetal burrs - Part 7: Arch pointed-nose burrs (style G), $53.00

ISO 7755-8:2013, Hardmetal burrs - Part 8: Flame burrs (style H), $53.00

ISO 7755-9:2013, Hardmetal burrs - Part 9: 60 degrees and 90 degrees cone burrs (styles J and K), $53.00

ISO 7755-10:2013, Hardmetal burrs - Part 10: Conical round- (ball-) nose burrs (style L), $53.00

ISO 7755-11:2013, Hardmetal burrs - Part 11: Conical pointed-nose burrs (style M), $53.00

ISO 7755-12:2013, Hardmetal burrs - Part 12: Inverted cone burrs (style N), $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 5395-2:2013, Garden equipment - Safety requirements forcombustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers, $157.00

ISO 5395-3:2013, Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator, $172.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 24014-2:2013, Public transport - Interoperable fare management system - Part 2: Business practices, $135.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 15638-6:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 6: Regulated applications, $172.00

ISO/TS 15638-8:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 8: Vehicle access monitoring (VAM), $181.00

ISO/TS 15638-11:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 11: Driver work records (work and rest hours compliance) (DWR), $192.00

ISO/TS 15638-12:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 12: Vehicle mass monitoring (VMM), $192.00

ISO/TS 15638-14:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 14: Vehicle access control (VAC), $181.00

ISO/TS 15638-15:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 15: Vehicle location monitoring (VLM), $181.00

ISO/TS 15638-16:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 16: Vehicle speed monitoring (VSM), $192.00

ISO/TS 15638-17:2013, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 17: Consignment and location monitoring (CLM), $181.00

IEC Standards

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

IEC 60268-5 Amd.1 Ed. 3.0 b:2007, Amendment 1 - Sound system equipment - Part 5: Loudspeakers, $27.00

IEC 60268-5 Ed. 3.1 b:2007, Sound system equipment - Part 5: Loudspeakers, $376.00

ELECTRICAL MOTOR-OPERATED CLEANING APPLIANCES FOR INDUSTRIAL USE (TC 61J)

IEC 60335-2-76 Ed. 2.0 b cor.1:2013, Corrigendum 1 - Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers, $0.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 62443-3-3 Ed. 1.0 en:2013, Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels, $359.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

IEC 60444-9 Ed. 1.0 b:2007, Measurement of quartz crystal unit parameters - Part 9: Measurement of spurious resonances of piezoelectric crystal units, $92.00

IEC 61337-1 Ed. 1.0 b:2004, Filters using waveguide type dielectric resonators - Part 1: Generic specification, $169.00

IEC 61338-1 Ed. 1.0 b:2004, Waveguide type dielectric resonators - Part 1: Generic specification, $205.00

SAFETY OF ELECTRONIC EQUIPMENT WITHIN THE FIELD OF AUDIO/VIDEO, INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGY (TC 108)

IEC 60950-1 Ed. 2.0 b cor.2:2013, Corrigendum 2 - Information technology equipment - Safety - Part 1: General requirements, $0.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 60947-5-3 Ed. 2.0 b:2013, Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB), $185.00

IEC 60947-7-4 Ed. 1.0 b:2013, Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors, $185.00

IEC 62271-112 Ed. 1.0 b:2013, High-voltage switchgear and controlgear - Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines, $185.00

IEC Technical Reports

FIBRE OPTICS (TC 86)

IEC/TR 62343-6-2 Ed. 2.0 en:2013, Dynamic modules - Part 6-2: Design guide - Software and hardware interfaces - Survey results, $92.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC/TR 62797 Ed. 1.0 en:2013, International comparison of measurements of the magnetic moment using vibrating sample magnetometers (VSM) and superconducting quantum interference device (SQUID) magnetometers, $205.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC/TR 61850-90-4 Ed. 1.0 en:2013, Communication networks and systems for power utility automation - Part 90-4: Network engineering guidelines, $401.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC/TR 62856 Ed. 1.0 b:2013, Documentation on design automation subjects - The Bird's-eye View of Design Languages (BVDL), $154.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Sentinel Real Estate Corporation

Public Review: July 19 to October 16, 2013

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

PINS Correction

BSR/CEA 762-B-201x

BSR/CEA 762-B-201x was mistakenly listed as a revision in the PINS section of the August 9, 2013 edition of Standards Action. The project is actually a (reaffirmation of ANSI/CEA 762-B-2008)

ANSI Accredited Standards Developers

Approval of Accreditation

PEARL – The Professional Electrical Apparatus Recyclers League

ANSI's Executive Standards Council has approved PEARL – The Professional Electrical Apparatus Recyclers League, an ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on PEARL-sponsored American National Standards, effective August 9, 2013. For additional information, please contact: Mr. Mark Stone, Association Manager, Professional Electrical Apparatus Recyclers League, 4255 S. Buckley Road, #118, Aurora, CO 80013; phone: 720.363.3277; e-mail: pearl@pearl1.org.

Approval of Reaccreditation

Electronic Components Association/Electronic Components Industry Association

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Electronic Components Association/Electronic Components Industry Association, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ECA-sponsored American National Standards, effective August 9, 2013. For additional information, please contact: Mr. Edward F. Mikoski, Jr, CStd, Vice-President, EIA Standards & Technology, Electronic Components Industry Association, 2214 Rock Hill Road, Suite 170, Herndon, VA 20170-4212; phone: 571.323.0253; e-mail: emikoski@eciaonline.org.

Reaccreditation

ASC INCITS – InterNational Committee for Information Technology Standards

Comment Deadline: September 16, 2013

ASC INCITS – InterNational Committee for Information Technology Standards has submitted revisions to its currently accredited policies and procedures relating to operation of the U.S. TAG to JTC 1, Information Technology, under which it was last reaccredited in April 2013. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Lynn Barra, Director, Standards Operations, INCITS/Information Technology Industry Council, 1101 K Street NW, Suite 610, Washington, DC 20005; phone: 202.626.5739; e-mail: lbarra@itic.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit any public comments on the revised procedures to ASC INCITS/US TAG to JTC-1 by September 16, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: jthompso@ANSI.org).

Information Concerning

International Organization for Standardization (ISO)

Call for Comments

ISO/TMB – Standards under Systematic Review

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

- **ISO 310:1992 (Ed 3, vers 4),** Manganese ores and concentrates -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 312:1986 (Ed 3, vers 4),** Manganese ores -- Determination of active oxygen content, expressed as manganese dioxide -- Titrimetric method
- **ISO 554:1976 (vers 6),** Standard atmospheres for conditioning and/or testing -- Specifications
- **ISO 4293:1982 (vers 3),**Manganese ores and concentrates -- Determination of phosphorus content -- Extraction-molybdovanadate photometric method
- **ISO 4296-1:1984 (vers 3),** Manganese ores -- Sampling -- Part 1: Increment sampling
- **ISO 4571:1981 (vers 5),** Manganese ores and concentrates -- Determination of potassium and sodium content -- Flame atomic emission spectrometric method
- **ISO 5890:1981 (vers 5),** Manganese ores and concentrates -- Determination of silicon content -- Gravimetric method
- **ISO 6129:1981 (vers 5),** Chromium ores -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 6130:1985 (vers 3),** Chromium ores -- Determination of total iron content -- Titrimetric method after reduction
- **ISO 7990:1985 (vers 3),** Manganese ores and concentrates -- Determination of total iron content -- Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method
- **ISO 8530:1986 (vers 4),** Manganese and chromium ores -- Experimental methods for checking the precision of sample division
- **ISO 8542:1986 (vers 4),** Manganese and chromium ores -- Experimental methods for evaluation of quality variation and methods for checking the precision of sampling

As there is no accredited U.S. TAG to provide the U.S. consensus positions on these documents, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 121 Anesthetic and respiratory equipment programs

Comment Deadline: September 16, 2013

ANSI has delegated the responsibility for the administration of the US TAGs and secretariats for ISO/TC 121 (Anaesthetic and respiratory equipment) and its SCs to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as US/TAG administrator, effective 12-31-2013. Currently, this US/TAG supports P memberships in the following ISO committees:

ISO/TC 121	Anesthetic and respiratory equipment
ISO/TC 121/SC1	Breathing attachments and anesthetic machines
ISO/TC 121/SC2	Airways and related equipment
ISO/TC 121/SC3	Lung ventilators and related equipment
ISO/TC 121/SC4	Terminology and semantics
ISO/TC 121/SC6	Medical gas systems
ISO/TC 121/SC8	Suction devices for hospital and emergency care use

ASTM has also advised ANSI that it will relinquish their role as an ANSI delegated secretariat for the following ISO committees:

ISO/TC 121	Anesthetic and respiratory equipment
ISO/TC 121/SC 2	Airways and related equipment
ISO/TC 121/SC 3	Lung ventilators and related equipment
ISO/TC 121/SC 4	Terminology and semantics
ISO/TC 121/SC 6	Medical gas systems

ISO/TC 121 operates under the following scope:

- Standardization of anaesthetic and respiratory equipment and supplies, related devices and supply systems

ANSI is seeking organizations in the U.S. that may be interested in assuming responsibility for the administration of the US TAG and/or to serve as the ANSI-delegated secretariats for the above-listed committees.

Additionally, ANSI may be assigned the responsibility for direct administration a US/TAG and/or an ISO secretariat. Any request that ANSI accept a direct administration role shall demonstrate that

1. US interests in the industry sector request that ANSI perform this function;
2. the relevant US TAG has been consulted and is supportive of ANSI's potential role in providing direct administration services;
3. US interests in the industry sector have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with providing direct administration services;
4. ANSI is able to fulfill the requirements of direct administration.

Organizations seeking information concerning the United States retaining the role US TAG administrator or international secretariat may be obtained by contacting ANSI at isot@ansi.org by 9/16/13. If there is no support for retaining these roles in ISO/TC 121 and SCs in the United States, then ANSI will so advise the ISO Central Secretariat.

Information Concerning

International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee entitled “Switchgear and controlgear and their assemblies for low voltage”

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September, 6, 2013 on a proposal by IEC SC17B and IEC SC17D Secretaries for a New Field of Technical Activity – Switchgear and Controlgear and Their Assemblies for Low Voltage.

> Draft Scope: To prepare international standards for low-voltage switchgear and controlgear equipment for industrial, commercial and similar use rated below or equal to 1 kV a.c. and 1,5 kV d.c, electromechanical as well as semiconductor (solid state) equipment. The scope includes open and enclosed separate items of equipment as well as assemblies which are the combinations of items of equipment into complete functional units.
>
> Purpose and Justification: Introduction: After the consultation made by TC 17 (document 17/996/Q) about its structure, the resulting comments (document 17/998/RQ) have pointed the necessity for a stronger coordination between SC 17B and SC 17D which was not easy without any activities at TC 17 level. The document proposes a new organization for low voltage activities.
>
> Business: In mature countries, most of the devices covered by SC 17B are integrated within assemblies covered by SC 17D. Continued effort is required to ensure wider adoption of the standards in less developed markets and countries. The market trend is to optimise solutions in terms of functions and performance, at a high level of safety for each domain of application, for example: infrastructure, building, machinery, etc. This implies a stronger coordination between component and assembly standards committees, especially for new industrial applications, such as PV, windmills, etc.
>
> Technology: The new trends are the incorporation of more electronic parts in switchgear, of more IT subsystems integrated in assemblies, of DC power supply distribution and of aluminum conductors. These are the challenges for future common rules in SC 17B and SC 17D.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.

Information Concerning

International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee on UHV AC transmission systems

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September 6, 2013 on a proposal from the Chinese National Committee for a New Field of Technical Activity – UHV AC transmission systems.

> Draft Scope: Standardization in the field of AC transmission technology at 1000 kV and above, comprising systems-oriented guidance such as that for planning, design aspects, technical requirements, construction, commissioning, reliability, availability, operation and maintenance. Processes for specifying requirements and demonstrating whether the required performance of UHV systems is assured.
>
> Responsibility for equipment standards remains with product TCs, except for specific equipment which is not within the scope of an existing TC but is nevertheless essential for the UHV transmission system. The UHV AC Transmission TC will consult and coordinate with the product TCs in all systems-related aspects of equipment standards.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.

[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 Additives –

Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI 60: Drinking Water Treatment Chemicals – Health Effects

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5 Facility audits

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5.2 Facility audits during surveillance

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5.2.7 If a manufacturing, blending, diluting, dissolving, re-packaging, re-labeling, or product transferring facility is located in a country where the security of the certification agency employees or contractors is in question, certifiers have the option to suspend on-site audits for a period of three consecutive years, if the conditions are sufficiently severe.

Certain countries have a prohibition for firms to conduct business activities in other countries. For example, the US Department of the Treasury enforces sanctions which sometimes include trade embargos with specific countries[1]. No audits shall be attempted nor certifications given when this is prohibited by law.

In addition, certain countries issue periodic travel advisories to their citizens of varying severity. For example, the US State Department issues Travel Warnings for regions of countries with descriptions of the types of hazards that are commonly encountered[2].

A warning to "defer non-essential travel" is not sufficient to trigger suspension of on-site audits. However, warnings that identify violence, kidnappings, inability to protect citizens, lack of diplomatic or consular services, and/or homicides are of sufficient severity to consider suspension of on-site audits.

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[1] Examples of US Treasury Department prohibitions for business transactions with specific countries are located at: www.treasury.gov

[2] Examples of US State Department travel warnings are located at: http://travel.state.gov

In such cases the certification agency shall determine if its employees/contractors should perform on-site audits. If on-site audits are suspended, the certification agency shall collect and analyze certified product samples a minimum of two times per year from the distribution channels (e.g., manufacturing, blending, diluting, dissolving, re-packaging, re-labeling, product transfer, or water treatment facilities), and perform a remote audit of the facility.

When the on-site audit is deferred and certification is performed via alternative means, the following footnote shall accompany the listing:

> "[Certification Agency] has not conducted production control audits at this facility due to travel warnings from the [Source; e.g., US State Department]. Certification is based on testing of product samples from distribution channels and remote desk audits of records."

The maximum deferral period for an unannounced, on-site audit is three consecutive years, after which time, the facility shall be de-listed.

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

NSF/ANSI Standard
for Drinking Water Treatment Units —

Glossary of drinking water treatment unit terminology

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.

3.xx personal hand held device: a small, portable apparatus designed to treat water for consumption by a single user and to be carried on their person.

3.xx.1 mouth drawn drinking water treatment unit: a personal hand held device that is designed to treat water for consumption by drawing water through the device (unit) with suction generated by the user's mouth.

3.xx.2 squeeze bottle drinking water treatment unit: a personal hand held device having a single outlet and a flexible liquid-holding bottle in which the contents can be forced out by squeezing. ~~that when 20 kg of force is applied to the bottle with the dispensing outlet plugged, a pressure of ≥ 6.8 kPa (1 psig) is developed within the bottle.~~

Reason: Added definitions for terminolgy used in test protocols to evaluate personal hand held DWTUs for elective performance claims methods under of NSF/ANSI 42 and NSF/ANSI 53. Revison 2 revises squeeze bottle definitions per comments received during the balloting of revision 1.

BSR/UL 60079-11, Standard for Safety for Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "i"

1. Revisions to Update ANSI/UL 248-1 References

PROPOSAL

2 Normative references

2DV.1 DR Modification of the title in Clause 2 as follows:

Delete "~~Normative~~" and replace ″references″ with ″References″.

2DV.2 DR Modification of Clause 2 references to replace with the following (only the applicable standard shown)**:**

UL 248-~~1~~ (all parts), Low-Voltage Fuses ~~Part 1: General Requirements~~

3.8 **fuse rating** – **In** current rating of a fuse as specified in IEC 60127 series, ANSI/UL 248-1 or in the
manufacturer's specification

3.8DV D2 Modification of Clause 3.8 to replace with the following and the addition of the NOTE:

fuse rating – In current rating of a fuse as specified in IEC 60127 series, the ANSI/UL 248-~~1~~ series or in the manufacturer's specification

NOTE ANSI/UL 248-1 contains the applicable general safety requirements for low-voltage fuses, including the requirements to establish breaking capacity (or interrupting rating). The other parts of the ANSI/UL 248 series provide additional specific safety requirements based on the intended application of the fuse, such as ANSI/UL 248-14 for supplemental low-voltage fuses.

7.3 Fuses (only the 7th paragraph shown)

A fuse shall have a breaking capacity not less than the maximum prospective current of the circuit in which it is installed. For mains electricity supply systems not exceeding 250 V a.c., the prospective current shall normally be considered to be 1 500 A a.c. The breaking capacity of the fuse is determined according to IEC 60127 series or ANSI/UL 248-1 and shall be stated by the manufacturer of the fuses.

NOTE 2 Higher prospective currents may be present in some installations, for example at higher voltages.

7.3DV.3 DR Modification of Clause 7.3, seventh paragraph and Note to replace with the following:

7.3DV.3.1 A fuse shall have a breaking capacity not less than the maximum prospective current of the circuit in which it is installed. For mains electricity

supply systems not exceeding 250 V a.c., the prospective current shall normally be considered to be 1 500 A a.c. The breaking capacity of the fuse is determined according to IEC 60127 series or the ANSI/UL 248-~~1~~ series and shall be stated by the manufacturer of the fuses.

NOTE 2 Higher prospective currents may be present in some installations, for example at higher voltages.

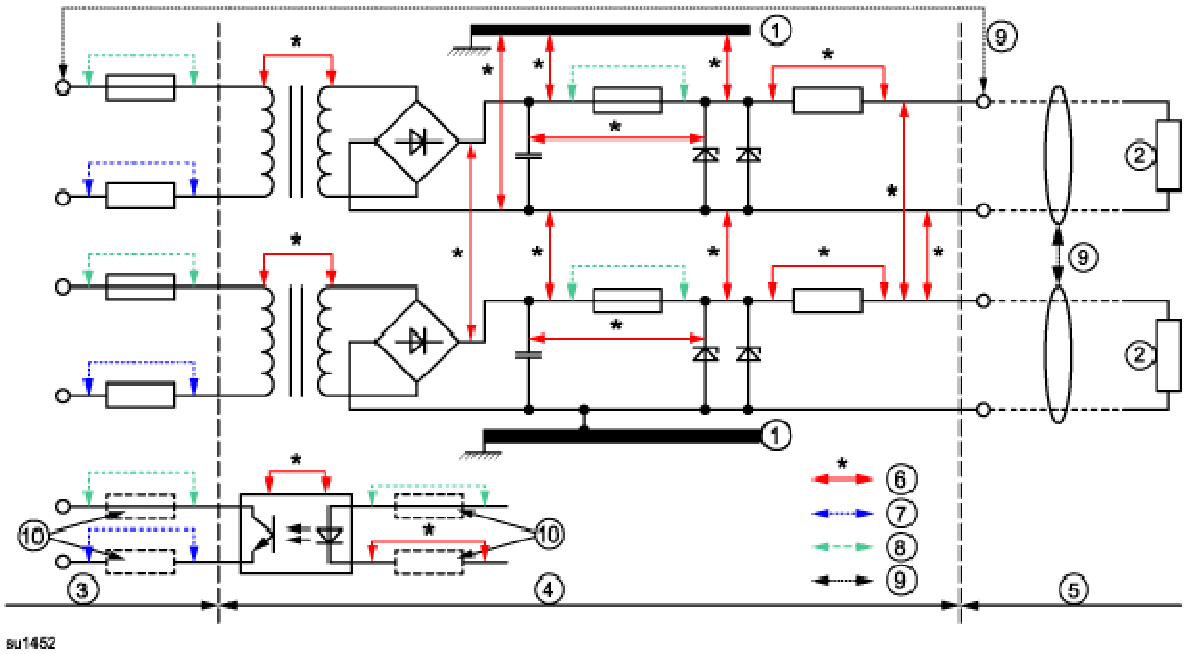
NOTE 3 ANSI/UL 248-1 contains the applicable general safety requirements for low-voltage fuses, including the requirements to establish breaking capacity (or interrupting rating). The other parts of the ANSI/UL 248 series provide additional specific safety requirements based on the intended application of the fuse, such as ANSI/UL 248-14 for supplemental low-voltage fuses.

2. Clarification for Figure 2

PROPOSAL

This proposal clarifies Clauses Figure 2 as detailed in the Background/Rationale above, supporting the existing National difference to Clause 7.3, while not extending this National difference to Clause 8.9.2b).

Note: The proposed version of Figure 2 below is identical to current Figure 2 in the 6th edition of IEC 60079-11.



Key

1) Chassis

2) Load

3) Non-intrinsically safe circuit defined by U_m

4) Part of intrinsically safe circuit not itself intrinsically safe

5) Intrinsically safe circuit

6) Dimensions to which Table 5 or Annex F are applicable

7) Dimensions to which general industrial standards are applicable

8) Dimensions to 7.3

9) Dimensions to 6.2.1 for output terminals between separate Intrinsically safe circuits and between Intrinsically safe to non intrinsically safe circuits

10) Protective components as applicable in accordance with 8.9

BSR/UL 1989, Standard for Standby Batteries

1. UL 1989 is being proposed for approval as an American National Standard.

1.1 These requirements cover instrument batteries, enclosed batteries, emergency lighting and power batteries and uninterruptible power supply batteries of the valve regulated or vented type. A battery system composed of vented or valve regulated types with battery management controls and other battery system components, and other chemistries or battery types are covered by the Standard for Batteries for Use in Light Electric Rail (LER) Applications and Stationary Applications, UL 1973.

3.3.1 ~~3.21 LEAD ACID~~ BATTERY, LEAD ACID:

a) VALVE REGULATED - A storage battery, the electrodes of which are made of lead (negative electrode) and lead dioxide (positive electrode) and the electrolyte consists of a solution of sulfuric acid in which the venting of the products of electrolysis is controlled by a reclosing pressure-sensitive ~~value~~ valve. These batteries have commonly been referred to as maintenance-free, starved electrolyte.

b) VENTED - A storage battery the electrodes of which are made of lead and the electrolyte consists of a solution of sulfuric acid in which the products of electrolysis and evaporation are allowed to escape freely to the atmosphere. These batteries have commonly been referred to as flooded or wet.

3.4.1 BATTERY, NICKEL-METAL HYDRIDE STORAGE - An alkaline storage battery in which the positive active material is nickel oxide and the negative contains a metal hydride alloy, and the venting of the products of electrolysis is controlled by a reclosing pressure sensitive valve.

5.1 A battery shall be tested as described in Sections 6 - 12 to determine if any fire or explosion is obtained under these test conditions. If a fire or explosion is obtained, the use of these batteries in products shall be restricted to applications in which the batteries will not be exposed to, or will be protected from, any conditions shown to cause a fire or explosion. See Table 5.1.

Table 5.1
Tests for battery application/type

Test	Section	Battery application/type
Pressure Release Test	6	UPS, emergency lighting, and power batteries (with pressure release valves)
Flame Arrester Vent Cap Tests	7	UPS, emergency lighting, and power batteries (with flame arresters)
Back Pressure Test	7.4	UPS, emergency lighting, and power batteries (with flame arresters)
Test for Sustained Burning	7.5	UPS, emergency lighting, and power batteries (with flame arresters)
Test for Flame Propagation	7.6	UPS, emergency lighting, and power batteries (with flame arresters)
Capacity Rating Tests	8	Emergency Lighting and Power Batteries
Battery Enclosure Flammability Tests	10	UPS Batteries
Overcharge and Discharge Test	11	Instrument and Enclosed Batteries
Battery Enclosure Tests	12	Instrument and Enclosed Batteries
Drop Impact Test	12.2	Instrument and Enclosed Batteries (types per Table 12.1)

Ball Impact Test	12.3	Instrument and Enclosed Batteries (types per Table 12.1)
Crush Test	12.4	Instrument and Enclosed Batteries (types per Table 12.1)
Rod Pressure Test	12.5	Instrument and Enclosed Batteries (types per Table 12.1)
High Temperature Conditioning Test	12.6	Instrument and Enclosed Batteries (types per Table 12.1)

7.3.2 The test apparatus is to consist of the following:

a) A heavy wall plexiglass hydrogen test fixture as shown in Figure 7.2.

b) Equipment capable of supplying, monitoring and mixing hydrogen and oxygen in stoichiometric proportions.

c) A spark ignition source produced across a 6.4-mm (1/4-in) gap in the 10 kV, 23 mA secondary of a transformer.

d) A test enclosure cover as shown in Figure 7.3. This test enclosure cover is to be fitted over the hydrogen test fixture as shown in Figure 7.4 for the test as described in 7.6.

e) A ~~n outer~~ protective test room or chamber ~~as shown in Figure 7.4~~ is to be used as needed for safety.

Figure 7.2
Hydrogen test fixture

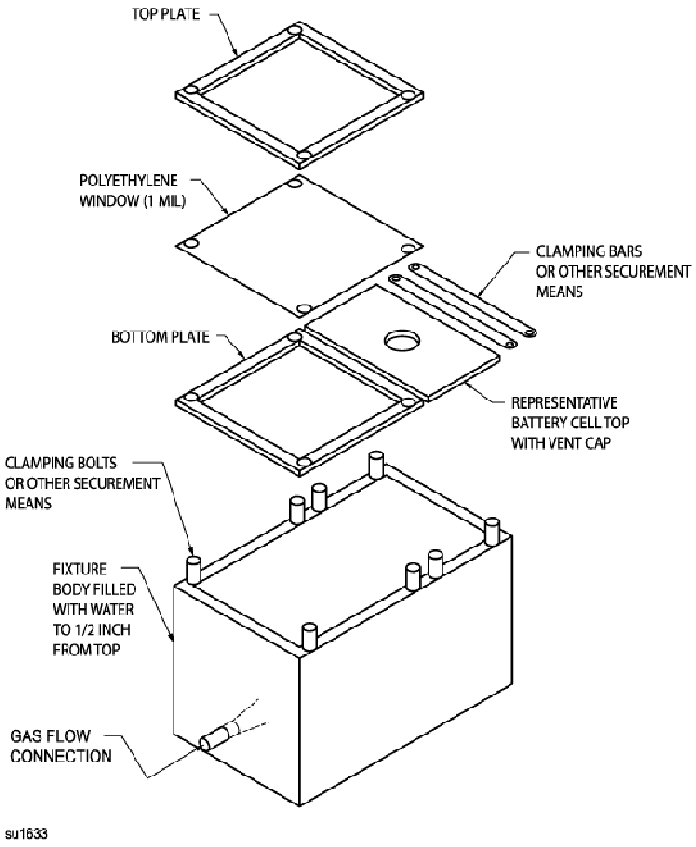


Figure 7.3
Test enclosure cover
Clear plastic with ventilation openings shown (1 in^2 opening area/500 in^3 volume)

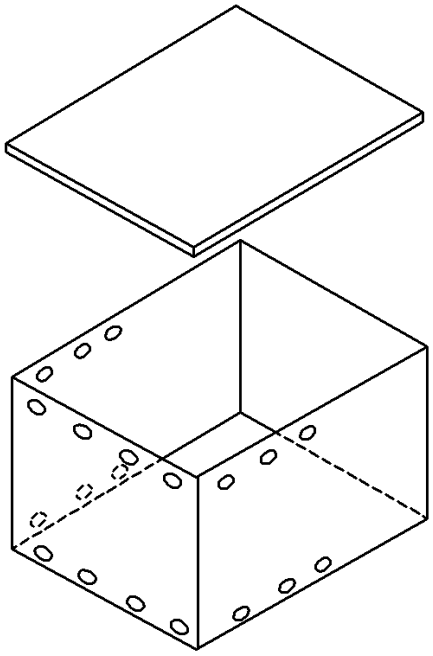


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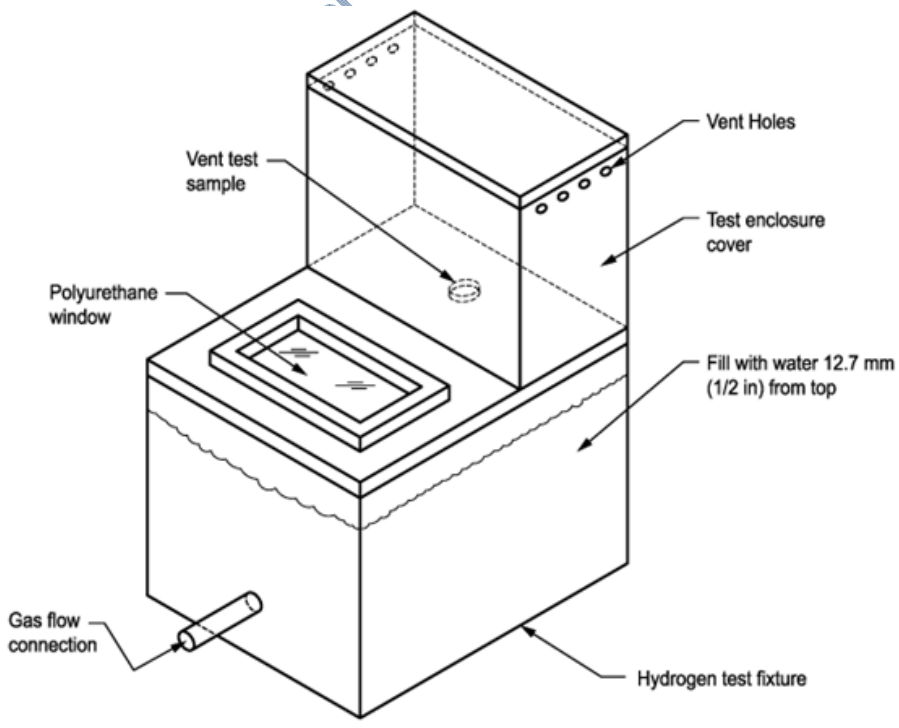
Figure 7.4
Hydrogen test fixture with test enclosure cover assembled ~~Outer test chamber~~



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7.5.2 One each of the conditioned samples are to be installed in the hydrogen test fixture, described in Figure 7.2 ~~located inside the test enclosure, described in Figure 7.3~~, without the test enclosure cover, described in Figure 7.3, in place. The hydrogen test fixture ~~and enclosure are~~ is to be located in ~~the outer~~ a protective room or test chamber~~, Figure 7.4,~~ as considered necessary for safety purposes. A mixture of hydrogen and oxygen gas is to be caused to flow through the fixture and vent cap and is to be adjusted to the appropriate maximum value as indicated in Table 7.1. Six attempts are to be made to ignite the gas mixture venting from the cap using the spark ignition source. Since hydrogen gas can burn without visible flame, sustained burning is to be determined by using paper as an indicator.

7.6.1 After the test described in 7.5.2 for sustained burning, one of each of the conditioned vent caps is to be installed as described in 7.5.2 with the test enclosure cover shown in Figure 7.3, in place as shown in Figure 7.4. The gas mixture is to be allowed to flow into the test fixture. Six attempts are to be made to ignite the gas venting from the cap, approximately 12.7 mm (1/2 in) from the vent cap opening, using the spark ignition source located in the path of the gas flow. There is to be a 10-s interval between each ignition attempt.

7.6.3 The results are not acceptable if there is evidence of flame propagation through the vent cap to within the fixture, as determined by rupture of the 0.025 mm (1 mil) polyethylene-film window in the top of the hydrogen test fixture.

8.2 The following data is to be supplied by the battery manufacturer:

a) Battery type and rated voltage.

b) Charging system to be used, either:

1) Controlled voltage,

2) Controlled current, or

3) A combination controlled voltage and controlled current.

c) Range of charging rates:

1) Voltage (maximum and minimum), or

2) Current (maximum and minimum), or both.

d) Current rating is to be a 1-1/2 h constant discharge current, resulting in an end-of-discharge voltage no less than 87.5% and no greater than 100% of rated voltage.

e) Whether the battery is to be used at room temperature, 25 ±5°C (77 ±9°F) or within an expanded temperature range.

f) Electrolyte maintenance instructions, if needed.

Table 12.1
External battery supply enclosure test schedule

Battery supply type	Drop impact test	Ball impact test	Crush test	Rod pressure test	~~Oven~~ High temperature conditioning test
	12.2	12.3	12.4	12.5	12.6
Hand-held or body-supported during use	Yes	No	Yes[a]	Yes	Yes[b]
Counter, table or floor supported during use	No	Yes	Yes[a]	Yes	Yes[b]
[a] If likely to be sat or stood upon during use.					
[b] If a polymeric material is relied upon to contain battery electrolyte.					

12.6 ~~Oven~~ High temperature conditioning test

12.6.1 After its careful removal from the ~~oven~~ temperature chamber and return to room temperature, following the conditioning described in 12.6.2 the sample shall have no evidence of mechanical damage, such as cracking of the battery jacket or leakage of electrolyte.

12.6.2 One complete sample is to be placed in a ~~full-draft~~ circulating-air ~~oven~~ temperature chamber maintained at a uniform temperature of 70°C (158°F) . The sample is to remain in the oven for 7 h.

13.1 Markings required by this standard shall be legible and provided in a text color that contrasts with the background color. Each battery shall be permanently marked with the following:

a) The manufacturer's name, trade name or trademark, model designation, and month and year of manufacture.

Exception: The date of manufacture may be in the form of a code that does not repeat in 10 years.

b) The statement "Warning: Risk of fire, explosion, or burns. Do not disassemble, heat above XX°C, or incinerate."

Exception: This statement may be included in the instructions provided with the battery, rather than be marked on the battery.

c) Battery type and rated voltage and capacity.

d) Positive and negative leads or terminals indicated by (+) and (-).

BSR/UL 295, Standard for Safety for Commercial-Industrial Gas Burners

3. Transformers

PROPOSAL

17.4.1 Except as specified in 17.4.2, a transformer ~~directly supplying a low-voltage circuit,~~ having a rated output of not more than 30 volts and 1000 ~~100~~ volt-amperes (Class 1, power-limited circuit)~~,~~ shall be protected by an overcurrent device, or devices, located in the primary circuit. The overcurrent device, or devices, shall be rated or set at not more than 167 percent of the primary current rating of the transformer. See 17.5.1.

BSR/UL 1081, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators

1. Update to permanent wiring termination options

10.1.3.1 There shall be a flat surface surrounding a knockout or conduit opening. The flat surface shall have an area that permits assembly to the appliance of a length of standard rigid metallic conduit. The diameter of the opening shall accommodate conduit of the trade size for which the opening is intended and either the flat surface and opening shall have a minimum diameter, or the throat shall have a diameter, in accordance with Table 10.3.

Table 10.3
Dimensions associated with openings for conduit

Trade size of conduit, inches	Unthreaded openings				Threaded openings			
	Nominal knockout diameter		Minimum diameter of flat surface at knockout		Minimum throat diameter		Maximum throat diameter	
	Inches	(mm)	Inches	(mm)	Inches	(mm)	Inches	(mm)
1/2	7/8	(22.2)	1.140	(28.96)	0.560	(14.22)	0.622	(15.80)
3/4	1-3/32	(27.8)	1.420	(36.07)	0.742	(18.85)	0.824	(20.93)
1	1-23/64	(34.5)	1.770	(44.96)	0.944	(23.98)	1.049	(26.64)
1-1/4	1-23/32	(43.7)	2.281	(57.94)	1.242	(31.55)	1.380	(35.05)

(CURRENT)
~~10.1.4 A permanently-connected unit intended for installation outdoors shall have a provision for threaded connection of rigid metal conduit unless:~~

~~a) The hole for the connection to the conduit is located wholly below the lowest uninsulated live part within the enclosure and~~

~~b) The location prevents drainage into the conduit.~~

(PROPOSED)
10.1.4 A permanently-connected unit intended for installation outdoors shall:

a) Have an integral conduit hub or the equivalent for a watertight connection, or

b) Be shipped with a separate hub intended to be installed in the field that complies with 10.1.9.

Exception: When the conduit connection opening is wholly below the lowest terminal lug or other live part intended for use within the enclosure, a threaded conduit hub or the equivalent is not required.

10.1.5 ~~A hole for the connection of conduit shall be threaded. When~~ If a hole provided for the connection of conduit is threaded the threads are tapped all the way through a hole in an enclosure wall, or when an equivalent construction is used, there shall be neither less than 3-1/2 nor more than five threads in the metal, and the construction shall be such that a conduit bushing can be attached. When the threads are not tapped all the way through a hole in an enclosure wall, conduit hub, or the like, there shall not be fewer than five full threads in the metal, and there shall be a smooth, well-rounded inlet hole for the conductors that shall:

a) Afford protection to the conductors equivalent to that provided by a standard conduit bushing and

b) Have an internal diameter the same as that of the corresponding trade size of rigid conduit.

10.1.6 A conduit hub in an enclosure shall be threaded and shall have a wall thickness before threading not less than that of the corresponding trade size of conduit. A conduit hub that is not cast integrally with an enclosure shall not depend upon friction alone to restrict its turning, and shall be capable of withstanding the specified torque applied to a short length of rigid conduit threaded into the hub in the intended manner, without turning in the enclosure and without stripping of any threads. The enclosure shall be rigidly mounted or supported. For the 3/4-inch and smaller trade sizes, the applied torque shall be 800 pound-inches (90.4 N·m); for the 1-, 1-1/4-, and 1-1/2-inch trade sizes, the applied torque shall be 1000 pound-inches (113 N·m); and for the 2-inch and larger trade sizes, the applied torque shall be 1600 pound-inches (181 N·m).

Exception: Units terminating a single conduit of 3/4 maximum trade size need only be subjected to a tightening torque of 200 pound-inches (22 N·m).

10.1.7 A polymeric enclosure intended for connection to a rigid metallic conduit system shall comply with the Polymeric Enclosures - Rigid Metallic Conduit Connection Test specified in the Standard for Enclosures for Electrical Equipment, Non-Environmental Consideration, UL 50.

Exception No. 1: Units marked in accordance with 50.1.26 are only required to be subjected to the Torque Test of UL 50.

Exception No. 2: Units shipped with a separate hub in accordance with 10.1.4(b) and marked in accordance with 50.1.27are not required to be subjected to the Torque Test of UL 50.

10.1.8 A knockout or hole for connection of a field wiring system to a field wiring compartment shall accommodate conduit of the trade size shown in Table 10.4.

Table 10.4
Trade size of conduit in inches

Wire size,		Number of wires		
AWG	**(mm^2)**	**2**	**3**	**5**
14	2.1	1/2	1/2	1/2
12	3.3	1/2	1/2	1/2
10	5.3	1/2	1/2	1/2
8	8.4	3/4	3/4	3/4
6	13.3	3/4	1	1

NOTE - This table is based on the assumption that all conductors will be of the same size and there will be not more than six conductors in the conduit. If more than six conductors will be involved or if all of them are not of the same size, the internal cross-sectional area of the smallest conduit that may be used is determined by multiplying by 2.5 the total cross-sectional area of the wires, based on the cross-sectional area of Type THW wire.

10.1.9 A conduit hub shipped with a pump in accordance with 10.1.4(b) shall comply with the requirements in the Standard for Conduit, Tubing, and Cable Fittings, UL 514B, with an environmental condition rating of 4.

50.1.26 Units intended to meet Exception No. 1 of 10.1.7 shall be marked inside the terminal compartment and in the Installation Instructions to indicate they are for use only with flexible wiring systems.

50.1.27 Units intended to meet Exception No. 2 of 10.1.7 shall be marked inside the terminal compartment and in the Installation Instructions to indicate the supplied hub shall be connected to the conduit before the hub is connected to the enclosure.

2. Update to permanent wiring terminal compartment requirements

10.1.2 A permanently-connected unit shall be provided with a terminal compartment for the connection of power supply conductors.

Exception: A terminal compartment provided as an integral part of a motor that complies with ~~the requirements for field wiring in either the Standard for Electric Motors, UL 1004, and is marked "Suitable for Field Wiring" or the equivalent, or~~ the Standard for Rotating Electrical Machines - General Requirements, UL 1004-1, and is marked "Acceptable for Field Wiring" or the equivalent, is considered to comply with the requirements for a terminal compartment specified in 10.1.3 - ~~10.2.2 and 10.2.4 - 10.2.7~~ 10.2.13.

~~Table 10.1~~ (CURRENT)
~~Terminal compartment for motors 11 inches (279 mm) or less in diameter~~

~~Horsepower rating of motor, (kW)~~		~~Terminal compartment~~			
		~~Minimum dimension of cover opening,~~		~~Minimum usable volume,~~	
		~~inches~~	~~(mm)~~	~~cubic inches~~	~~(cm^3)~~
~~1 and smaller[a]~~	~~0.75 and smaller~~	~~1-5/8~~	~~41~~	~~10.5~~	~~172~~
~~1-1/2, 2, and 3[a]~~	~~1.1, 1.5, and 2.2~~	~~1-3/4~~	~~45~~	~~16.8~~	~~275~~
~~5 and 7-1/2~~	~~3.7 and 5.6~~	~~2~~	~~50~~	~~22.4~~	~~367~~
~~10 and 15~~	~~7.5 and 11.2~~	~~2-1/2~~	~~65~~	~~36.4~~	~~597~~

~~[a] For a terminal compartment partially or wholly integral with the frame or end shield, the minimum dimension of cover opening is not required to be specified and the volume of the terminal compartment per wire-to-wire connection shall not be less than 1.1 cubic inch (18 cm^3) for a motor rated 1 horsepower or less, or 1.4 cubic inch (23 cm^3) for a motor rated 1-1/2, 2, and 3 horsepower.~~

Table 10.1 (PROPOSED)
Minimum volume of field wiring compartments

Size of conductor,		Free space in compartment for each conductor	
AWG	(mm^2)	cubic inches	(cm^3)
14	2.1	2.0	33.0
12	3.3	2.25	36.9
10	5.3	2.5	41.0
8	8.4	3.0	49.2
6	13.3	5.0	82.0

10.2.7 A terminal compartment that encloses rigidly-mounted wiring terminals for field-connection to a power supply circuit shall provide room for spacings in accordance with Table 18.2, ~~and~~ usable volume not less than that specified in Table 10.2, and bending space not less than that specified in Table 10.5..

~~Exception: A terminal compartment provided as an integral part of a motor that complies with the requirements for field wiring in either the Standard for Electric Motors, UL 1004, and is marked "Suitable for Field Wiring" or the equivalent, or the Standard for Rotating Electrical Machines - General Requirements, UL 1004-1, and is marked "Acceptable for Field Wiring" or the equivalent, is considered to comply.~~

Table 10.2
Terminal compartments for rigidly-mounted ~~motor~~ terminals

Power supply conductor size,		Minimum usable volume per power supply conductor,	
AWG[a]	(mm^2)	cubic inches	(cm^3)[b]
14	2.1 and smaller	1	16
12 and 10	3.3 and 5.3	1-1/4	20
8 and 6	8.4 and 13.3	2-1/4	37

[a] Based on copper supply conductors having a temperature rating of 60°C (140°F), except that connection of aluminum supply conductors is assumed when terminals are rated for use with aluminum conductors.

[b] The specified volume is not applicable to motors with higher ratings, greater number of leads, or larger wire sizes, or for motors intended to be installed as a part of factory-wired equipment, without additional connection being required at the motor terminal housing during equipment installation, and the terminal housing shall be of ample size to make connections.

10.2.8 In lieu of the volume specified in Table 10.1, a trial installation may be made to determine that ample room is provided for the distribution of wires and cables required for the proper wiring of the equipment. However, wire-bending space shall be provided in accordance with 10.2.10.

10.2.9 To determine whether the equipment complies with 10.2.8, it is to be wired as it would be in service, and in so doing, a reasonable amount of slack is to be left in each conductor. No more than average care is to be exercised in stowing this slack into the wiring compartment. The wiring shall not bear against sharp projections or edges that may damage the insulation.

10.2.10 The depth of the compartment in the vicinity of any opening at which supply conductors may enter shall be such that the required space for wire bending and manipulation will remain between any wire connector, wiring lug, conduit knockout, or conduit hole and any wall of the wiring compartment that would result in the wire bending, as specified in Table 10.5.

Table 10.5
Wire bending space

Wire size		Minimum space, terminal to wall	
AWG	(mm^2)	Inches	(mm) [a]
14 - 10	2.1 - 5.3	Not specified	
8 - 6	8.4 - 13.3	1-1/2	38.1

[a] If a conductor is restricted from bending by a barrier or otherwise where it leaves the lug, the distance is to be measured from the end of the barrier.

10.2.11 The terminal enclosure shall have provision for drainage.

10.2.12 The provision for drainage specified in 10.2.9 shall be such that drainage of internal condensation does not enter any conduit terminations.

10.2.13 When a door is provided necessary to maintain the environmental integrity, it shall have provisions for locking or require the use of a tool to gain access.

BSR/UL 1699, Standard for Safety for Arc-Fault Circuit-Interrupters

1. Clarification of Requirements for Programmable Components

2.8A MICROELECTRONICS - Monolithic, hybrid, or module circuits, where the internal circuit connections are not accessible exclusive of provided external connection pins or pads. The circuits are capable of functioning in the analogue mode, digital mode, or a combination of the two modes. Examples of microelectronics include: ASICs, ROMs, RAMs, PROMs, EPROMs, PALs, and PLDs. See 2.11A.

2.11A PROGRAMMABLE COMPONENT - Any microelectronic hardware that can be programmed in the design center, the factory, or in the field. Here the term "programmable" is taken to be "any manner in which one can alter the software wherein the behavior of the component can be altered." The microelectronics defined in 2.8A are examples of programmable components.

14 ~~Microprocessors~~ Programmable Components

14.1 An arc-fault circuit-interrupter that employs a programmable component such as a microprocessor shall be investigated in accordance with the Standard for Software in Programmable Components, UL 1998, as defined in 14.2 - 14.8.

14.2 All of the requirements of the Standard for Software in Programmable Components, UL 1998, apply to ~~microprocessors~~ programmable components employed in an arc-fault circuit-interrupter, except as modified by 14.3 - 14.9.

14.3 The risks to be considered for the Risk Analysis portion of UL 1998 include the following scenarios:

a) Unwanted tripping;

b) Failure to trip under conditions where tripping should occur; and

c) Failure of test circuit to complete evaluation.

14.4 The Tool Qualification requirements from UL 1998 are modified in 14.5 and 14.6.

14.5 All tools used in the design, implementation, and verification of software shall be documented. The documentation shall include:

a) The name of the tool supplier or developer;

b) The model, application, or trade name of the tool;

c) The tool version identification;

d) A description of the purpose for which the tool is used; and

e) A list of known errors, faults or failures of the tool performance, such as a "bug list".

14.6 Software tools are defined as software or hardware used in the development, testing, analysis, or maintenance of a program or its documentation. Examples include compilers, assemblers, timing analyzers, logic analyzers, test case generators, simulators, emulators, and similar tools.

14.7 Means shall be employed to address all microelectronic hardware failure modes identified in the Risk Analysis of 14.3. The analysis shall consider all possible combinations of microelectronic hardware failures, software faults, and other events that are capable of resulting in a risk. This includes, for example, microelectronic hardware failures that cause software faults that are capable of resulting in a risk. Detection of failure modes shall be at a frequency and adequacy suitable for the application.

14.8 One approach to comply with 14.7 is for the manufacturer to:

a) Identify failure modes;

b) Determine safety impact of failure modes;

c) Design and provide means to detect the failure modes that have an impact on safety;

d) Demonstrate that coverage provided by detection means is at a frequency and effective level suitable for the application; and

e) Provide evidence that the failure rate of microelectronic components is suitable for the application.

14.9 The requirements in UL 1998 addressing User Interfaces do not apply.

BSR/UL 5085-1, *Standard for Safety for Low Voltage Transformers - Part 1: General Requirements, UL 5085-1*

1. Addition of Requirements for Double Insulation

PROPOSAL

3.2 Reference Publications

3.2.1 Products covered by this Standard shall comply with the reference installation codes and standards as appropriate for the country where the product is to be used. When the product is intended for use in more than one country, the product shall comply with the installation codes and standards for all countries where it is intended to be used.

For undated references to standards, such reference shall be considered to refer to the latest edition and all revisions to that edition up to the time when this standard was approved. For dated references to standards, such reference shall be considered to refer to the dated edition and all revisions published to that edition up to the time the standard was approved. See the following information for a list of reference publications.

CSA Standards

C22.2 No. 0.1-M1985 (R2013)
General Requirements for Double-Insulated Equipment

UL Standards

UL 2097
Reference Standard for Double Insulation Systems for Use in Electronic Equipment

11.5 Double insulation

11.5.1 Units marked with the words, "Double Insulated", or with the symbol for double insulation (a square within a square), shall comply with the Reference Standard for Double Insulation Systems for Use in Electronic Equipment, UL 2097, or General Requirements for Double-Insulated Equipment, CSA C22.2 No. 0.1.