ANSI STANDARDS ACTION

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

VOL. 43, #4 *January 27, 2012*

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: February 26, 2012

EOS/ESD (ESD Association, Inc.)

Revisions

BSR/ESDA/JEDEC JS-001-201x, Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESDA/JEDEC JS-001-2011)

Establishes the procedure for testing, evaluating, and classifying components and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD).

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to psa@ansi.org) to: Christina Earl, (315) 339-6937, cearl@esda.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2011)

Covers clarification of scope, addition of test fluid, and alternate test method.

Click here to see these changes in full, or look at the end of "Standards Action."

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

Comment Deadline: March 12, 2012

AMCA (Air Movement and Control Association)

New Standards

* BSR/AMCA 205-201x, Energy Efficiency Classification for Fans (new standard)

Defines the energy efficiency classification for fans. The scope includes fans having an impeller diameter of 125 mm (5 in.) or greater, operating with a shaft power 750 W (1 hp) and above, and having a total efficiency calculated according to one of the following fan test standards: ANSI/AMCA 210, ANSI/AMCA 230, AMCA 260, or ISO 5801. This public review includes only those changes since the previous public review.

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

ANS (American Nuclear Society)

Revisions

BSR/ANS 3.2-201x, Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (revision of ANSI/ANS 3.2-2006)

Provides requirements and recommendations for managerial and administrative controls to ensure that activities associated with operating a nuclear power plant are carried out without undue risk to the health and safety of the public.

Single copy price: $30.00

Obtain an electronic copy from: scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31.1-201x, Power Piping (revision of ANSI/ASME B31.1-2010)

Prescribes minimum requirements for the design, materials, fabrication, erection, test, and inspection of power and auxiliary service piping systems for electric generation station, industrial and institutional plants, central and district heating plants, and district heating systems.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Colleen O'Brien, (212) 591-7881, obrienc@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS B2.4-201x, Specification for Welding Procedure and Performance Qualification for Thermoplastics (revision of ANSI/AWS B2.4-2006)

Provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semi-automatic, mechanized, and automatic welding. The welding processes included are electrofusion, hot gas, socket fusion, butt contact fusion, infrared, extrusion welding, flow fusion welding, and solvent cement welding. Base materials, filler materials, qualification variables, and testing requirements are also included.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

BSR/AWS B5.16-201x, Specification for the Qualification of Welding Engineers (revision of ANSI/AWS B5.16-2006)

Establishes the requirements for qualification of welding engineers. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined in this standard. This specification is a method for engineers to establish a record of their qualification and abilities in welding industry work such as development of procedures, processes controls, quality standards, problem solving, etc.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

BSR/AWS D9.1M/D9.1-201x, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2006)

Covers the arc and braze welding requirements for nonstructural sheet metal fabrications using the commonly welded metals available in sheet form. Requirements and limitations governing procedure and performance qualification are presented, and workmanship and inspection standards are supplied. The informative annexes provide useful information on materials and processes.

Single copy price: $42.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

AWWA (American Water Works Association)

New Standards

BSR/AWWA C220-200x, Stainless-Steel Pipe, 1/2 In. (13 mm) and Larger (new standard)

Describes stainless-steel pipe that is seamless, longitudinal-seam or spiral-seam welded, 1/2 in (13 mm) in nominal diameter and larger, intended for the transmission and distribution of potable water, wastewater, and reclaimed water; and for use in other water-supply system facilities.

Single copy price: $20.00

Obtain an electronic copy from: standards@awwa.org

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

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

CSA (CSA America, Inc.)

Addenda

* BSR Z21.58b-201x, Standard for Outdoor Cooking Gas Appliances (Same as CSA 1.6b) (addenda to ANSI Z21.58-2006 and ANSI Z21.58a-2008)

Applies to newly produced outdoor cooking gas appliances, constructed entirely of new, unused parts and materials. Outdoor cooking gas appliances submitted for examination under this standard shall be classified as either portable, stationary, or built-in.

Single copy price: $50.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

ISA (ISA)

New National Adoptions

BSR/ISA 60079-18 (12.23.01)-201x, Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" (national adoption with modifications and revision of ANSI/ISA-60079-18 (12.23.01)-2009)

Applies only for encapsulated electrical equipment, encapsulated parts of electrical equipment and encapsulated Ex components ('m' equipment) where the rated voltage does not exceed 11 kV.

Single copy price: $143.00

Obtain an electronic copy from: ebrazda@isa.org

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

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

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

New Standards

BSR INCITS 484-201x, Information technology - SCSI Media Changer Command Set - 3 (SMC-3) (new standard)

Defines the command set extensions to facilitate operation of SCSI media changer devices. The clauses of this standard, implemented in conjunction with the requirements of the SCSI Architecture Model - 4 standard and SPC-4, fully specify the standard command set for SCSI media changer devices.

Single copy price: $30.00

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

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

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

BSR INCITS 497-201x, Information technology - Automation/Drive Interface - Commands - 3 (ADC-3) (new standard)

Defines the model and command set extensions to facilitate operation of automation/drive interface devices. The clauses of this standard, implemented in conjunction with the applicable clauses of SPC-4, fully specifies the standard command set for automation/drive interface devices.

Single copy price: $30.00

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

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

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

Supplements

BSR INCITS 468-2010/AM1-201x, Information technology - MultiMedia Command Set - 6 (MMC-6) - Amendment 1 (supplement to ANSI INCITS 468-2010)

Defines a set of SCSI command descriptor blocks that are useful in accessing and controlling devices with a peripheral device type set to 5. This command set is transport independent and may be implemented across a wide variety of environments for which a SCSI transport protocol has been defined. To date, these include Parallel SCSI, ATA/ATAPI, Serial ATA, Universal Serial Bus, and High Performance Serial Bus.

Single copy price: $30.00

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

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

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

Withdrawals

INCITS/ISO/IEC 9995-1-1994, Information technology - Keyboard layouts for text and office systems - Part 1: General principles governing keyboard layouts (withdrawal of INCITS/ISO/IEC 9995-1 -1994)

Specifies various characteristics of keyboards. Identifies the sections of the keyboard and specifies the general shape and relative placement of the sections. Covers spacing of keys and physical characteristics. Specifies a key numbering system which applies to all types of numeric, alphanumeric and composite keyboards of ITE. Specifies the principles governing the placement of characters and symbols on keys used on all types of these keyboards.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-2-1994, Information technology - Keyboard layouts for text and office systems - Part 2: Alphanumeric section (withdrawal of INCITS/ISO/IEC 9995-2-1994)

Specifies the alphanumeric section of a keyboard and the division of that section into zones, the arrangement, the number, and the location of the keys in the alphanumeric zone of the alphanumeric section as well as the layout and allocation of several control functions to the keys in the function zones of the alphanumeric section.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-3-1994, Information technology - Keyboard layouts for text and office systems - Part 3: Complementary layouts of the alphanumeric zone of the alphanumeric section (withdrawal of INCITS/ISO/IEC 9995-3-1994)

Defines the allocation on a keyboard of a set of graphic characters that, when used in combination with an existing national version keyboard layout or the complementary Latin group layout allows the input of the full-graphic character repertoire. Primarily intended for word-processing and text-processing applications.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-4-1994, Information technology - Keyboard layouts for text and office systems - Part 4: Numeric section (withdrawal of INCITS/ISO/IEC 9995-4-1994)

Specifies the numeric section of a keyboard and the division of that section into zones. Specifies the arrangement, the number, and the location of the keys in the numeric zone and in the function zones of the numeric section, as well as the allocation of functions to the keys.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-5-1994, Information technology - Keyboard layouts for text and office systems - Part 5: Editing section (withdrawal of INCITS/ISO/IEC 9995-5-1994)

Specifies the editing section and the division of that section into zones. Also specifies the cursor zone (ZEO) of the editing section and the allocation of functions to its keys. Specifies the arrangement, the number, and the location of the keys in the editing zones of the editing section as well as guidelines for the allocation of functions to the keys.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-7-1994, Information technology - Keyboard layouts for text and office systems - Part 7: Symbols used to represent functions (withdrawal of INCITS/ISO/IEC 9995-7-1994)

Defines symbols for functions found on any type of numeric, alphanumeric, or composite keyboards. Each of these symbols is intended to be considered as universal and non-language-related equivalent of names for the function they represent. Names of functions and descriptions are given in English and French.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 9995-8-1994, Information technology - Keyboard layouts for text and office systems - Part 8: Allocation of letters to the keys of a numeric keypad (withdrawal of INCITS/ISO/IEC 9995-8 -1994)

Specifies the allocation of letters to the keys of the numeric zone ZNO of a keyboard which has the ten digits zero to nine allocated in the "1-2-3" layout. The layout specified is intended for applications of information technology equipment keyboards where letters instead of digits are used for the mnemonic retention of numeric information.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 10175-1-1996, Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 1: Abstract Service Definition and Procedures (withdrawal of INCITS/ISO/IEC 10175-1-1996)

Specifies a client-server model of printing in accordance with the Distributed-office-applications Model (ISO/IEC 10031-1). Together, the capabilities provided can enable users to create and produce high-quality office documents in a consistent and unambiguous manner within a distributed open system environment.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 10175-2-1996, Information technology - Text and office systems - Document Printing Application (DPA) - Part 2: Protocol specification (withdrawal of INCITS/ISO/IEC 10175-2-1996)

Specifies the abstract syntax of the Document Printing Application (DPA) access protocol, how this protocol supports the DPA abstract service, the mapping of the DPA onto the services used and the requirements for conformance with the DPA access protocol.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 10741-1-1995, Information technology - User system interfaces - Dialogue interaction - Part 1: Cursor control for text editing (withdrawal of INCITS/ISO/IEC 10741-1-1995)

Specifies how incremental cursor control is effected as a result of user interaction with a text editor. Cursor control in form-filling and spread-sheet applications, cursor control in editing other forms of text such as graphics and cursor control in manipulating simple and complex documents are not covered.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 11581-1-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 1: Icons - General (withdrawal of INCITS/ISO/IEC 11581-1-2000)

Applies to software products providing office applications such as document production, desktop publishing, finance, and planning that present their functions via a graphical user interface. This part of ISO/IEC 11581-1 provides a framework for the development and design of icons and their application on screens capable of displaying graphics as well as text. It contains general requirements and recommendations for icons and global variations to the graphical representations of icons.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 11581-2-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 2: Object icons (withdrawal of INCITS/ISO/IEC 11581-2-2000)

Applies to software products providing office applications such as document production, desktop publishing, finance, and planning that present their functions via a graphical user interface. ISO/IEC 11581 applies to software products for people who are familiar with office work but who are at present not necessarily familiar with computer-based applications. ISO/IEC 11581 is meant to be used by persons involved in the design, implementation, and evaluation of icons for graphical user interfaces to computer-based office applications, and by procurers of systems that employ such interfaces.

Single copy price: $30.00

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

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

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

INCITS/ISO/IEC 11581-3-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 3: Pointer icons (withdrawal of INCITS/ISO/IEC 11581-3-2000)

Applies to software products providing office applications such as document production, desktop publishing, finance, and planning that present their functions via a graphical user interface. ISO/IEC 11581 applies to software products for people who are familiar with office work but who are at present not necessarily familiar with computer-based applications. ISO/IEC 11581 is meant to be used by persons involved in the design, implementation, and evaluation of icons for graphical user interfaces to computer-based office applications, and by procurers of systems that employ such interfaces.

Single copy price: $30.00

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

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

NCSL (ASC Z540) (National Conference of Standards Laboratories)

Reaffirmations

BSR/NCSL Z540.2-1997 (R201x), Expressing Uncertainty - U.S. Guide to the (reaffirmation of ANSI/NCSL Z540.2-1997 (R2007))

Promotes consistent international methods in the expression of measurement uncertainty within U.S. standardization, calibration, laboratory accreditation, and metrology services. The following standard has been derived from the International Organization for Standardization (ISO) U.S. Guide to the Expression of Uncertainty in Measurement. It is identical to the ISO Guide (corrected and reprinted, 1995).

Single copy price: $110.00

Order from: info@ncsli.org

Send comments (with copy to psa@ansi.org) to: Craig Gulka, (303) 440-3339, cgulka@ncsli.org

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 568 om-201x, Physical area of sub-visible contraries in pulp, paper, and paperboard by image analysis (new standard)

The level of sub-visible contraries, such as microscopic ink particles, present in pulp, paper or paperboard can impact its usefulness in a specific end-use application. For someone controlling or monitoring the de-inking process, the absolute physical area of ink coverage, or the number of ink specks present in an inspection area may be of greatest importance.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: standards@tappi.org

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

TIA (Telecommunications Industry Association)

New National Adoptions

BSR/TIA 455-204-A-201x, FOTP-204 - Measurement of Bandwidth on Multimode Fiber (identical national adoption of IEC 60793-1-41)

Provides a revision to support OM4/adopt IEC test method.

Single copy price: $87.00

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

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

Reaffirmations

BSR/TIA 604-15-2003 (R201x), FOCIS 15 - Fiber Optic Connector Intermateability Standard - Type MF (reaffirmation of ANSI/TIA 604-15 -2003)

Presents the intermateability standard for connectors with the commercial designation MF, and is used as an addendum to TIA/EIA 604.

Single copy price: $89.00

Order from: Telecommunications Industry Association (TIA); standards@tiaonline.org

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

BSR/UL 1042-201x, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2009)

Covers:
(1) Addition and revision of requirements to relocate component standard references from Appendix A into the body of the Standard as component requirements;
(2) Automatic electrical controls for household and similar use; and
(3) Additional requirements for switches serving as disconnect means of fixed electric baseboard heaters.

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: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1681-201x, Standard for Safety for Wiring Device Configurations (new standard)

Covers attachment plugs, receptacles, cord connectors, some forms of current taps, and flatiron and appliance plugs - all for use in accordance with the NEC.

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

Revisions

BSR/UL 207-201x, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207 -2009)

The following changes in requirements are being proposed:
(1) Updates for additional constructions and new technology; and
(2) Clarifications to pressure vessel, strength, fatigue, and marking requirements in addition to other editorial 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: Jeffrey Prusko, (847) 664-3416, jeffrey.prusko@ul.com

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

BSR/VITA 12-1997 (S200x), M-Module (stabilized maintenance of ANSI/VITA 12-1997 (R2002))

Defines minimum mechanical and electrical characteristics of M-Modules, a method of implementing modular circuit boards with specific functions that can be used to add functionality to other larger printed circuit boards.

Single copy price: $75.00

Obtain an electronic copy from: www.vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

Call for Members (ANS Consensus Bodies)

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

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS 468-2010/AM1-201x, Information technology - MultiMedia Command Set - 6 (MMC-6) - Amendment 1 (supplement to ANSI INCITS 468-2010)

BSR/INCITS/ISO/IEC 9899-201x, Information technology - Programming (identical national adoption and revision of INCITS/ISO/IEC 9899 -1999 (R2010))

INCITS/ISO/IEC 9995-2-1994, Information technology - Keyboard layouts for text and office systems - Part 2: Alphanumeric section (withdrawal of INCITS/ISO/IEC 9995-2-1994)

INCITS/ISO/IEC 9995-3-1994, Information technology - Keyboard layouts for text and office systems - Part 3: Complementary layouts of the alphanumeric zone of the alphanumeric section (withdrawal of INCITS/ISO/IEC 9995-3-1994)

INCITS/ISO/IEC 9995-4-1994, Information technology - Keyboard layouts for text and office systems - Part 4: Numeric section (withdrawal of INCITS/ISO/IEC 9995-4-1994)

INCITS/ISO/IEC 9995-5-1994, Information technology - Keyboard layouts for text and office systems - Part 5: Editing section (withdrawal of INCITS/ISO/IEC 9995-5-1994)

INCITS/ISO/IEC 9995-7-1994, Information technology - Keyboard layouts for text and office systems - Part 7: Symbols used to represent functions (withdrawal of INCITS/ISO/IEC 9995-7-1994)

INCITS/ISO/IEC 9995-8-1994, Information technology - Keyboard layouts for text and office systems - Part 8: Allocation of letters to the keys of a numeric keypad (withdrawal of INCITS/ISO/IEC 9995-8 -1994)

INCITS/ISO/IEC 10175-1-1996, Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 1: Abstract Service Definition and Procedures (withdrawal of INCITS/ISO/IEC 10175-1-1996)

INCITS/ISO/IEC 10175-2-1996, Information technology - Text and office systems - Document Printing Application (DPA) - Part 2: Protocol specification (withdrawal of INCITS/ISO/IEC 10175-2-1996)

INCITS/ISO/IEC 10741-1-1995, Information technology - User system interfaces - Dialogue interaction - Part 1: Cursor control for text editing (withdrawal of INCITS/ISO/IEC 10741-1-1995)

INCITS/ISO/IEC 11581-1-2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 1: Icons - General (identical national adoption of ISO/IEC 11581-1:2000)

INCITS/ISO/IEC 11581-1-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 1: Icons - General (withdrawal of INCITS/ISO/IEC 11581-1-2000)

INCITS/ISO/IEC 11581-2-2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 2: Object Icons (identical national adoption of ISO/IEC 11581-2:2000)

INCITS/ISO/IEC 11581-2-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 2: Object icons (withdrawal of INCITS/ISO/IEC 11581-2-2000)

INCITS/ISO/IEC 11581-3-2000, Information Technology - User System Interfaces and Symbols - Icon Symbols and Functions - Part 3: Pointer Icons (identical national adoption of ISO/IEC 11581-3:2000)

INCITS/ISO/IEC 11581-3-2000, Information technology - User system interfaces and symbols - Icon symbols and functions - Part 3: Pointer icons (withdrawal of INCITS/ISO/IEC 11581-3-2000)

MAMA (Medical Alert Monitoring Association)

Office: P.O. Box 1920
New York, NY 10101-1920

Contact: *Peter Sucher*

Phone: (866) 388-8618

Fax: (212) 556-6968

E-mail: standards@medicalalertassociation.com

BSR/MAMA 001-201x, Personal Emergency Response Systems (PERS) Medical Alert Monitoring (new standard)

TCT (The Clean Trust)

Office: 2715 E Mill Plain Blvd
The Clean Trust Headquaters
Vancouver, WA 98661

Contact: *Mili Washington*

Phone: (360) 313-7088

Fax: (360) 693-4858

E-mail: mili.washington@thecleantrust.org; mili@iicrc.org

BSR/TCT S520-201x, Standard and Reference Guide for Professional Mold Remediation (revision and redesignation of ANSI/IICRC S520 -2008)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-204-A-201x, FOTP-204 - Measurement of Bandwidth on Multimode Fiber (identical national adoption of IEC 60793-1-41)

BSR/TIA 598-D-201x, Optical Fiber Cable Coding (revision of ANSI/TIA 598-C-2005)

BSR/TIA 604-15-2003 (R201x), FOCIS 15 - Fiber Optic Connector Intermateability Standard - Type MF (reaffirmation of ANSI/TIA 604-15 -2003)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27617

Contact: *Jessica Alier*

Phone: (919) 549-0954

Fax: (919) 316-5710

E-mail: jessica.alier@ul.com

BSR/UL 1577-201x, Standard for Safety for Optical Isolators (new standard)

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2011)

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.

NFSI (National Floor Safety Institute)

New Standards

ANSI/NFSI B101.3-2012, Test Method for Measuring Wet DCOF of Common Hard-Surface Floor Materials (Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values) (new standard): 1/18/2012

UL (Underwriters Laboratories, Inc.)

New National Adoptions

* ANSI/UL 60745-2-13-2011, Standard for Safety for Hand-Held Motor-Operated Electrical Tools - Safety - Part 2-13: Particular Requirements for Chain Saws (national adoption with modifications of IEC 60745-2-13): 12/8/2011

New Standards

ANSI/UL 1090-2012, Standard for Safety for Electric Snow Movers (new standard): 1/18/2012

Revisions

ANSI/UL 796-2012, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2010): 1/18/2012

ANSI/UL 796-2012a, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2010): 1/18/2012

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.

3-A (3-A Sanitary Standards, Inc.)

Office: 6888 Elm Street, Suite 2D
McLean, VA 22101-3829
Contact: *Nate Wall*
Fax: (703) 761-6284
E-mail: nwall@3-a.org

BSR/3-A Standard 00-201x, 3-A Sanitary Standard General Requirements (new standard)

Stakeholders: Food, beverage, and dairy equipment manufacturers; food, beverage and dairy products processors; and state and federal regulatory sanitarians

Project Need: To adopt an A/B (master/subordinate) standards system and to develop an "A-Level" master standard that stipulates the general requirements of food and beverage processing equipment under the auspices of the 3-A Standards.

Defines the general design and fabrication requirements for sanitary (hygienic) equipment, covered by the 3-A Sanitary Standards, and intended for processing food and beverage products. To conform to this 3-A Sanitary Standard, food and beverage processing equipment shall meet the criteria in this standard for design, materials of construction, fabrication techniques, and installation, as applicable. In addition, individual equipment types shall be subject to specific criteria and certain exceptions contained in the appropriate 'B-Level' 3-A Sanitary Standard covering the equipment (to be developed at a later date).

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60526-5592
Contact: *Patricia Schroeder*
Fax: (708) 579-8248
E-mail: pschroeder@ans.org

BSR/ANS 2.8-201x, Determine External Flood Hazards for Nuclear Facilities (new standard)

Stakeholders: Utilities with nuclear power generation capacity, nuclear generation vendors and service providers, regulatory authorities and public and private sector non-reactor nuclear facilities.

Project Need: As a result of recent domestic and international industry events and increasing demand in risk-informed performance-based regulatory requirements, there is a need to establish methods and technical elements for the determination of external flood hazards, for nuclear power plants and non-reactor nuclear facilities.

Addresses necessary external flood conditions, technical parameters, and applicable methodologies required to evaluate/determine external flooding hazards for nuclear facilities.

AWC (American Wood Council)

Office: 803 Sycolin Road, Suite 201
Leesburg, VA 20175
Contact: *Bradford Douglas*
Fax: (703) 581-1735
E-mail: bdouglas@awc.org

BSR/AWC SDPWS-201x, Special Design Provisions for Wind and Seismic (revision and redesignation of ANSI/AF&PA SDPWS-2008)

Stakeholders: Engineers, architects, builders, and regulators.

Project Need: To revise the current version of SDPWS-08.

Provides special design and construction requirements for wind and seismic design of wood frame structures.

CSA (CSA America, Inc.)

Office: 8501 E. Pleasant Valley Rd.
Cleveland, OH 44131
Contact: *Cathy Rake*
Fax: (216) 520-8979
E-mail: cathy.rake@csa-america.org

BSR/CSA CHMC 1-201x, Test Methods for Evaluating Material Compatibility in Compressed Hydrogen Applications (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Safety.

Provides uniform test methods for evaluating materials compatibility with compressed hydrogen applications. The results of these tests are intended to provide a basic comparison of materials performance in applications utilizing compressed hydrogen. It is not intended to replace the targeted testing that may be necessary to fully inform design calculations.

BSR/CSA HPIT 2-201x, Compressed Hydrogen Station and Components for Fueling Powered Industrial Trucks (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Safety.

Provides the mechanical and electrical features and construction of newly manufactured systems that dispense hydrogen gas for powered industrial trucks, intended primarily to dispense fuel directly into the fuel storage containers of powered industrial trucks.

BSR/CSA HGV 4.3-201x, Test Methods for Hydrogen Fueling Safety and Parameter Evaluation (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Safety.

Establishes the standardized test method, criteria, and apparatus to evaluate a hydrogen fueling station as it relates to achieving the protocol specified in SAE TIR J2601-2010 for fueling and SAE TIR J2799 for communications with light-duty vehicle hydrogen storage systems less than 10 kg. This standard details construction and performance requirements for gaseous hydrogen fueling station systems. It applies to newly manufactured systems designed primarily to adjust for full fill of vehicle storage containers, to avoid over-pressurization of vehicle fuel storage containers under the operating temperature conditions specified in the standard.

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

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

Contact: *Deborah Spittle*

Fax: (202) 638-4922

E-mail: dspittle@itic.org

BSR/INCITS/ISO/IEC 9899-201x, Information technology - Programming (identical national adoption and revision of INCITS/ISO/IEC 9899-1999 (R2010))

Stakeholders: ICT industry.

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

Specifies the form and establishes the interpretation of programs written in the C programming language.

MAMA (Medical Alert Monitoring Association)

Office: P.O. Box 1920
New York, NY 10101-1920

Contact: *Peter Sucher*

Fax: (212) 556-6968

E-mail: standards@medicalalertassociation.com

BSR/MAMA 001-201x, Personal Emergency Response Systems (PERS) Medical Alert Monitoring (new standard)

Stakeholders: PERS medical alert monitoring facilities, equipment manufacturers, retailers, and installers.

Project Need: The aging US population is in need of safe and effective personal medical alert equipment and monitoring service.

Establishes criteria to ensure services provided to clients are reliable and of a consistent high quality in all areas - set-up, response, and appropriate signal and call processing

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Contact: *Ryan Franks*

Fax: 703-841-3371

E-mail: ryan.franks@nema.org

BSR NEMA WC 55021-201x, Standard for Military Internal Electrical Cable (new standard)

Stakeholders: Parties with an interest in in insulated wires for use in aerospace, electrical, electronic, and high performance applications.

Project Need: To convert a military specification to a commercial specification.

Covers specific requirements for finished cables. The cables are intended for internal wiring of electrical equipment for use in the hook-up of various electronic assemblies. The component wires are covered by other reference standards. Cables constructed with PVC insulated wires or jackets are not to be used for aerospace applications.

TCT (The Clean Trust)

Office: 2715 E Mill Plain Blvd
The Clean Trust Headquaters
Vancouver, WA 98661

Contact: *Mili Washington*

Fax: (360) 693-4858

E-mail: mili.washington@thecleantrust.org; mili@iicrc.org

BSR/TCT S520-201x, Standard and Reference Guide for Professional Mold Remediation (revision and redesignation of ANSI/IICRC S520 -2008)

Stakeholders: The Stakeholders include property owners and managers, occupants and tenants, professional remediators, those who investigate mold complaints, property restorers, indoor environmental professionals, environmental consultants, industrial hygienists, building engineers, insurance companies and regulatory bodies.

Project Need: To define the criteria and methodology to be used by the remediator for inspecting and investigating abnormal moisture and mold contamination and for establishing remediation and safety plans and procedures. The current standard is now 3 years old and needs to be updated.

Describes the procedures to be followed and the precautions to be taken when performing mold remediation in residential, commercial and institutional buildings, and the systems and personal property contents of those structures. The Standard explains mold remediation techniques, the principles of which may apply to other microbial remediation projects or services. This Standard assumes that determining and correcting the underlying cause of mold contamination is the responsibility of a property owner and not the remediator, although a property owner may contract with a remediator or other professional to perform these services.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 598-D-201x, Optical Fiber Cable Coding (revision of ANSI/TIA 598-C-2005)

Stakeholders: Fiber and cable industries.

Project Need: To provide updates for an existing standard.

Revises the current document.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27617

Contact: *Jessica Alier*

Fax: (919) 316-5710

E-mail: jessica.alier@ul.com

BSR/UL 1577-201x, Standard for Safety for Optical Isolators (new standard)

Stakeholders: Manufactures of optical isolators, end-product manufactures of radio, video, and television equipment, ITE, industrial control equipment and medical and dental devices.

Project Need: UL is seeking first-time ANSI approval for UL 1577.

Covers optical isolators intended to provide unidirectional signal transfer between dielectrically isolated circuits, and for use in equipment with a supply voltage not exceeding 600 V ac rms or dc. UL 1577 covers the electrical isolation properties of the insulation between the isolated circuits of the optical isolator, and double protection optical isolators that are employed in nominal 125 V, 50 or 60 Hz circuits in radio, video, and television equipment, as well as, for use as components in devices and appliances.

UL (Underwriters Laboratories, Inc.)

Office: 455 E Trimble Road
San Jose, CA 95131-1230

Contact: *Kristin Andrews*

Fax: (408) 689-6634

E-mail: Kristin.L.Andrews@ul.com

BSR/UL 51-201x, Standard for Safety for Power-Operated Pumps for Anhydrous Ammonia and LP-Gas (new standard)

Stakeholders: Manufacturers and Users of Power-Operated Pumps for Anhydrous Ammonia and LP-Gas including Propane Companies and gas processing plants, LP-Gas and Anhydrous Ammonia equipment and systems, AHJs

Project Need: To develop a new American National Standard.

Covers power-operated pumps and bypass valves for anhydrous ammonia and liquefied petroleum gas (LP-Gas) for use in liquid transfer operations in non-refrigerated systems in installations.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

3-A
3-A Sanitary Standards Inc.

6888 Elm Street, Suite 2D
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AMCA
AMCA International, Inc.

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
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ANS
American Nuclear Society

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

ASME
American Society of Mechanical Engineers

3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

AWC
American Wood Council

803 Sycolin Road, Suite 201
Leesburg, VA 20175
Phone: (202) 463-2770
Fax: (703) 581-1735
Web: www.awc.org

AWS
American Welding Society

550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-6303
Web: www.awwa.org

CSA
CSA America, Inc.

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

EOS/ESD
ESD Association

7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

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

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
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ITI (INCITS)
InterNational Committee for Information Technology Standards

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MAMA
Medical Alert Monitoring Association

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Fax: (212) 556-6968

NCSL (ASC Z540)
National Conference of Standards Laboratories

2995 Wilderness Place
Suite 107
Boulder, CO 80301-5404
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Fax: (303) 440-3384
Web: www.ncsli.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3271
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Web: www.nema.org

NFSI
National Floor Safety Institute

P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1705
Fax: (817) 749-1702
Web: www.nfsi.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

TCT
The Clean Trust

2715 E Mill Plain Blvd
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Vancouver, WA 98661
Phone: (360) 313-7088
Fax: (360) 693-4858
Web: www.thecleantrust.org

TIA
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Fax: (703) 907-7727
Web: www.tiaonline.org

UL
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333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3198
Fax: (847) 313-3198
Web: www.ul.com/

VITA
VMEbus International Trade Association (VITA)

PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com/

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

ESSENTIAL OILS (TC 54)

ISO/DIS 4716, Essential oil of vetiver [Vetiveria zizanioides (L.) Nash] - 4/18/2012, $53.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 20140-1, Automation systems and integration - Environmental and energy efficiency evaluation method for manufacturing systems - Part 1: Overview and general principles - 4/18/2012, $112.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 5902, Alpine skis - Determination of elastic properties - 4/18/2012, $46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23001-7/DAmd1, Information technology - MPEG systems technologies - Draft Amendment 7: AES-CBC-128 and key rotation - 4/18/2012, $33.00

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

ACOUSTICS (TC 43)

ISO 10140-1/Amd1:2012, Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products - Amendment 1: Guidelines for the determination of the sound reduction index of joints filled with fillers and or seals, $16.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 11746:2012, Rice - Determination of biometric characteristics of kernels, $57.00

AIR QUALITY (TC 146)

ISO 28902-1:2012, Air quality - Environmental meteorology - Part 1: Ground-based remote sensing of visual range by lidar, $122.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 5360:2012, Anaesthetic vaporizers - Agent-specific filling systems, $104.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO 16817:2012, Building environment design - Indoor environment - Design process for visual environment, $104.00

DENTISTRY (TC 106)

ISO 20126:2012, Dentistry - Manual toothbrushes - General requirements and test methods, $73.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 12651-1:2012, Electronic document management - Vocabulary - Part 1: Electronic document imaging, $92.00

EARTH-MOVING MACHINERY (TC 127)

ISO 15817:2012, Earth-moving machinery - Safety requirements for remote operator control systems, $65.00

GAS CYLINDERS (TC 58)

ISO 11363-1/Cor2:2012, Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - Corrigendum 2, FREE

LEATHER (TC 120)

ISO 14930:2012, Leather - Leather for dress gloves - Specification, $43.00

ISO 16131:2012, Leather - Upholstery leather characteristics - Selection of leather for furniture, $49.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 11979-7/Amd1:2012, Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations - Amendment 1, $16.00

OTHER

ISO 14088:2012, Leather - Chemical tests - Quantitative analysis of tanning agents by filter method, $65.00

PAPER, BOARD AND PULPS (TC 6)

ISO 5628:2012, Paper and board - Determination of bending stiffness - General principles for two-point, three-point and four-point methods, $65.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 14932:2012, Rubber compounding ingredients - Organic vulcanizing agents - Determination of organic peroxide content, $129.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 24617-1:2012, Language resource management - Semantic annotation framework (SemAF) - Part 1: Time and events (SemAF-Time, ISO-TimeML), $235.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 11040-3:2012, Prefilled syringes - Part 3: Seals for dental local anaesthetic cartridges, $49.00

ISO 11040-5:2012, Prefilled syringes - Part 5: Plunger stoppers for injectables, $49.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 10711:2012, Intelligent Transport Systems - Interface Protocol and Message Set Definition between Traffic Signal Controllers and Detectors, $110.00

TYRES, RIMS AND VALVES (TC 31)

ISO 4251-1/Amd1:2012, Tyres (ply rating marked series) and rims for agricultural tractors and machines - Part 1: Tyre designation and dimensions, and approved rim contours - Amendment 1, $16.00

ISO Technical Reports

NANOTECHNOLOGIES (TC 229)

ISO/TR 10929:2012, Nanotechnologies - Characterization of multiwall carbon nanotube (MWCNT) samples, $49.00

ISO/IEC Guides

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

ISO/IEC Guide 63:2012, Guide to the development and inclusion of safety aspects in International Standards for medical devices, $104.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7810/Amd2:2012, Identification cards - Physical characteristics - Amendment 2: Opacity, $16.00

ISO/IEC 23007-1/Amd1:2012, Information technology - Rich media user interfaces - Part 1: Widgets - Amendment 1: Widget extensions, $16.00

ISO/IEC 29179:2012, Information technology - Mobile item identification and management - Mobile AIDC application programming interface, $92.00

ISO/IEC 18047-2:2012, Information technology - Radio frequency identification device conformance test methods - Part 2: Test methods for air interface communications below 135 kHz, $116.00

ISO/IEC 29192-2:2012, Information technology - Security techniques - Lightweight cryptography - Part 2: Block ciphers, $141.00

IEC Standards

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 60297-3-107 Ed. 1.0 b:2012, Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-107: Dimensions of subracks and plug-in units, small form factor, $143.00

FIBRE OPTICS (TC 86)

IEC 61291-2 Ed. 3.0 b:2012, Optical amplifiers - Part 2: Digital applications - Performance specification template, $56.00

IEC 61300-3-3 Ed. 3.0 b:2009, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss, $107.00

IEC 60794-2-42 Ed. 1.0 b:2008, Optical fibre cables - Part 2-42: Indoor optical fibre cables - Product specification for simplex and duplex cables with A4 fibres, $117.00

IEC/TR 62721 Ed. 1.0 en:2012, Reliability of devices used in fibre optic systems - General and guidance, $77.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC/TR 62732 Ed. 1.0 en:2012, Three-digit code for designation of colour rendering and correlated colour temperature, $31.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-23 Amd.2 Ed. 5.0 b:2012, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, $19.00

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

DDD-Diagnostic A/S

Public Review: December 16, 2011 to March 14, 2012

Digital Technology International

Public Review: January 13 to March 12, 2012

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.

Call 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 email from standards@scte.org.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Voluntarily Withdrawn

Kleinfelder-West, Inc.

Comment Deadline: February 27, 2012

Kleinfelder West, Inc. voluntarily withdrew from this ANSI Accreditation Program on January 24, 2012.

Please send your comments by February 27, 2012 to Ann Bowles, Senior Program Manager, GHG Program, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: abowles@ansi.org.

ESDA/JEDEC Limited Ballot – Modifications to ANSI/ESDA/JEDEC JS-001-2011
Submitted by Joint ESDA/JEDEC HBM Working Group
January 12, 2012

This limited ballot contains modifications in the five categories below.

1. Defining and taking advantage of low impedance interconnection structures (Above Passivation Layers – APL)
2. Verification of and Testing with Low Parasitic Simulators
3. Expansion of Data Reporting Requirements
4. Allowance for more than one pulse per voltage/polarity/pin combination.
5. Editorial corrections
6. Revision history of modifications was added

These changes address responses to the evolution of advanced device structures and processes (Item 1), clarification of issues raised in the review of the 2011 version (Item 2) and minor improvements suggested in the ANSI Industry Review (Items 3, 4). The actual changes proposed in the documents are given here.

1. **Defining and taking advantage of low impedance interconnection structures.** This change allows the representation of a supply or ground group of pins to be represented by a single pin according to the conditions described. The conditions are similar to those previously in place for a package plane except that a specific resistance maximum is defined.

   A. Add new definition for *Above Passivation Layer* in Section 3.

   Above Passivation Layer (APL). A low impedance metal plane built on the surface of a die, above the passivation layer, which connects a group of bumps or pins (typically power or ground). This structure is sometimes referred to as a Redistribution Layer (RDL). There may be multiple APLs (sometimes referred to as Islands) for a power or ground group.

   B. Add Section 6.4.1.3 describing how to take advantage of APL to reduce pin combinations and test times. This is analogous to section 6.4.1.2 for Package Planes.

   6.4.1.3 Supply Pins Connected by an Above Passivation Layer
   If a set of supply pins are connected by an Above Passivation Layer (APL), as few as one Representative Pin(s) from that set of supply pins may be used to represent the entire set as the supply pin group. The remaining unselected pins in the set need not be stressed nor grounded and may be left floating during all testing as long as all such unselected pins are connected by the APL with a resistance of 1 ohm or less to any other pin in the set.

2. **Verification of and Testing with Low Parasitic Simulators.** These changes add a test to determine when a tester has sufficiently low parasitics to allow the elimination of certain “pin reversal” two pin combinations. The section describing this allowance for low parasitic testers is moved from Annex B.4 to become Section 6.6. The previous Section 6.6 becomes 6.7. A note referencing the revised Annex B.4 is added. Note 3 of Figure 1 is modified to be consistent with these changes.

   A. New section 6.6

   6.6 HBM Stressing with a Low Parasitic Simulator

   6.6.1 A Low Parasitic HBM simulator will have nearly identical currents on Terminal A and Terminal B when testing a pair of pins of a multi-pin device. Therefore, when stressing a pin pair using a Low Parasitic HBM simulator, the selection of which pin is

on Terminal A and which is on Terminal B is not significant. After stressing a pin pair using a low parasitic HBM simulator, using both polarities, it is not necessary to reverse the pins. For example, if pin X is stressed on Terminal A to pin Y on Terminal B with both voltage polarities, it is unnecessary to then stress pin Y on Terminal A with pin X on Terminal B.

6.6.2 The test to determine if an HBM tester is a low parasitic simulator is described in Annex B.4 The manufacturer shall perform this evaluation to establish that the simulator meets the low parasitic requirements of this standard.

B. New Annex B.4

B.4 Test to determine if an HBM Simulator is a Low Parasitic Simulator

This section describes a test to determine whether a tester can reverse Terminals A and B and produce the sufficiently similar waveforms with a DUT that connects tester channels together.

Prepare a Shorting Test Device, having 10 or more pins, using a package compatible with a socket, test fixture, or probes of the tester under consideration (See Figure XXX). Short all pins of the Shorting Test Device together (interconnect with metal) except one pin. Add a wire, conforming to Shorting Load in Section 4.1.3.a, to the Shorting Test Device that passes through a current probe, which meets the requirements of Section 4.1.2. Connect one end of the wire to the Shorting Test Device's single unconnected pin and the other end to the group of shorted pins. The positive side of the current probe should be connected toward the single pin.

Insert the Shorting Test Device into the HBM tester under consideration. Apply a positive 1 kV pulse (tester Terminal A) to the single pin with the ground return (Terminal B) connected to any single pin of the connected group. Record this current waveform with an oscilloscope (see Section 4.1.1) and label this waveform as 'Short Terminal A Current'. Reverse the Terminal A and B connections and pulse the pin of the connected group (now connected to Terminal A) with a negative 1 kV pulse with the single pin grounded (Terminal B). Record this current waveform as 'Short Terminal B Current'.

Replace the wire with a 500 ohm resistor (conforming to 500-ohm Evaluation Load in Section 4.1.3.b) and pulse and record 1 kV 500-ohm waveforms as done with the shorting wire load to obtain "500-ohm Terminal A Current" and "500-ohm Terminal B Current". Measure the Terminal A and Terminal B Short and 500-ohm Current waveforms as described in Section 5.2.3. If all waveform parameters of Table 1 for a short circuit test load and 500 ohm test load are met by the recorded waveforms, then the tester meets the requirements of a low parasitic simulator as used in this standard.

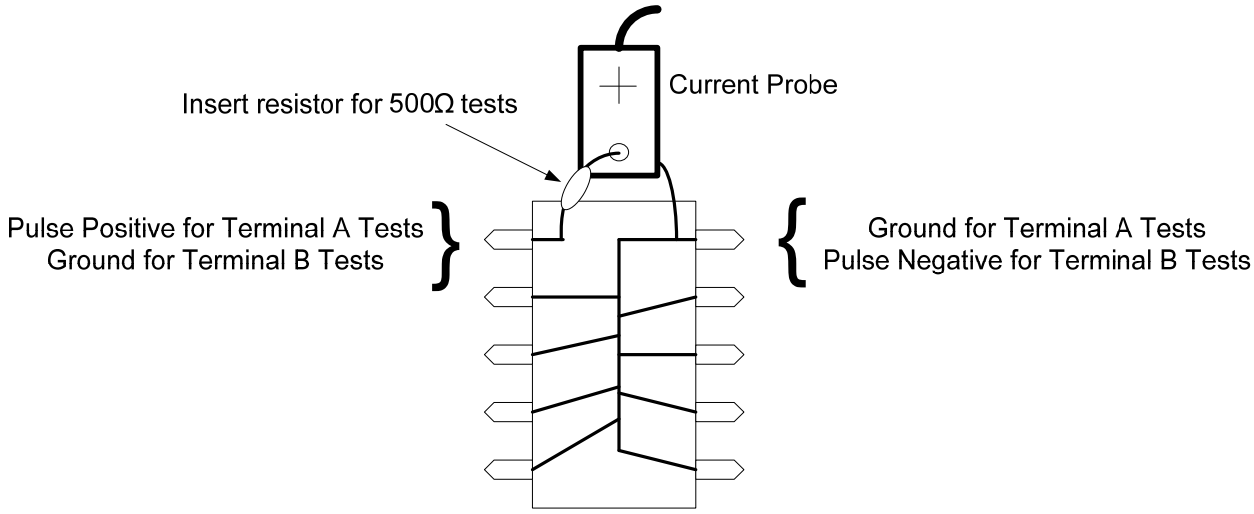

Figure XXX: Diagram of a 10 pin Shorting Test Device showing current probe, with shorting wire or 500 ohm test load, connected between pin 1 and the shorted group of pins 2 through 10. Pin 1 of this Shorting Test Device is pulsed positive when connected to tester for a 'Terminal A Test' and grounded when for 'Terminal B Tests'. Any pin of the connected group can be grounded for 'Terminal A' tests and pulsed negative for 'Terminal B' tests.

C. Add the following sentence to the end of Note 3 of Figure 1.

See sections 6.5.1.3 and 6.6 for information on allowed terminal reversals.

3. **Expansion of Data Recording Requirements.** Wording is added to the last sentence of the first paragraph of Section 6.5 to expand the information to be recorded. The added phrases are in italics.

Section 6.5 (last sentence of first paragraph): The test results, actual pin combination sets, *the tester(s) used and all tester settings necessary to reproduce the test* shall be recorded and maintained according to company recordkeeping procedures.

4. **Allowance for more than one pulse per voltage/polarity/pin combination.** The 2011 version of JS-001 inadvertently removed the allowance of stressing a pin more than once for a given set of conditions (voltage/polarity/pin combination). The change reinstates that allowance by modifying Section 6.2. The relevant sentence currently reads:

For each voltage level, a sample of three devices shall be stressed using 1 positive and 1 negative pulse with a minimum of 100 milliseconds between pulses per pin for all pin combinations specified in Table 2.

The revised version is:

For each voltage level, a sample of three devices shall be stressed using *at least* 1 positive and *at least* 1 negative pulse with a minimum of 100 milliseconds between pulses per pin for all pin combinations specified in Table 2.

5. **Other editorial** – Section 6.5.1.3 Correct reference in second Note from Annex C.3 to Annex B.3 and Section 4.2 – Reworded Note 3 of Figure 1.

6. Revision History was added in Annex H.

ANNEX H (Informative) – ESDA/JEDEC JLB-001-2011 Revision History

1. **The Note section below Figure 1 has been updated; Note 3 has been modified to instruct the user to see Sections 6.5.1 and Section 6.6.**
2. **Section 6.2 Device Stressing has been modified in the second paragraph. The number of HBM pulses has been changed to "at least 1" for the positive and negative pulses.**
3. **Above Passivation Layer (APL) new definition was defined and 6.4.1.3 Section was added to explain how to use this new layer.**
4. **Section 6.5.1 has been updated to require recording of more information about the specific pin combination used and the specific HBM tester settings used to reproduce the test.**
5. **Section 6.6 has been renumbered to 6.7.**
6. **A new Section 6.6 has been added that describes a low parasitic HBM simulator and how this type of simulator can be used. Section 6.6.2 references a new updated Annex B.4 section. This Annex section has been rewritten and a new figure 10 has been added. The Table of Contents and the list of Figures has been updated to reflect these changes in the document.**

BSR/UL 2586 Proposal

1.4 For hose nozzle valves intended to be used with gasoline/ethanol blends with nominal ethanol concentrations above 10%, refer ~~Refer~~ to Outline of Investigation~~,~~ for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85), Subject 87A, for additional requirements ~~for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85Percent (E0 – E85)~~.

15.1.2.1 A sample of the hose nozzle valve shall be connected to a ~~kerosene~~ pump with a control valve in the piping to limit the pressure and flow of kerosene or Soltrol 170.

18.6 The fluid to be handled by a hose nozzle valve during an endurance test shall be kerosene or Soltrol 170 for valves for gasoline and similar liquids.

25.1.1 A synthetic rubber part in contact with one of the fluids indicated in Table 25.1 shall not show change in volume of more than 25 percent swelling (40 percent in Reference Fuel A, C, Reference Fuel C blends and H) or 1 percent shrinkage, or a weight loss (extraction) of more than 10 percent when considered on the basis of its intended function following immersion for 70 hours in the specified test liquid or shall met the requirements in the Outline of Investigation for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85), Subject 87A.