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.

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: November 25, 2007

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 123-200x, Standard for Oxy-Fuel Gas Torches (new standard)

Revises the scope paragraph for clarification.

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

Send comments (with copy to BSR) to: Marcia Kawate, UL-CA, Marcia.M.Kawate@us.ul.com

Revisions

BSR/UL 1660-200x, Liquid-Tight Flexible Nonmetallic Conduit (revision of ANSI/UL 1660-2004)

Includes requirements for spliced LFNC-B conduit, conduit markings for outdoor use (U.S.) and sunlight resistance (Canada), and revises the conduit identification marking.

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

Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

Comment Deadline: December 10, 2007

AISI (American Iron and Steel Institute)

New Standards

BSR/AISI S110-200x, Standard for Seismic Design of Cold-Formed Steel Structural Systems - Special Bolted Moment Frames (new standard)

Provides seismic design provisions for special bolted moment frames used in plateforms that are prefabricated elevated plateforms in an industrial environment and are pre-designed using steel framing system.

Single copy price: N/A

Order from: Helen Chen, AISI; Hchen@steel.org

Send comments (with copy to BSR) to: Same

APCO (Association of Public-Safety Communications Officials-International)

New Standards

BSR/APCO 1.101.1-200x, Standard for Handling Calls Regarding Missing and Exploited Children (new standard)

Develops a reference specifically for calltakers to present the missing and/or sexually exploited child response process in a logical progression from the initial call through the first response. This standard is a collaborative effort including the Association of Public-Safety Communications Officers (APCO), National Academies of Emergency Dispatch (NAED), National AMBER Alert Initiative (U.S. Department of Justice's Office of Justice Programs and Fox Valley Technical College), National Center for Missing & Exploited Children (NCMEC), and National Emergency Number Association (NENA).

Single copy price: Free

Obtain an electronic copy from: www.apcostandards.org or apcostandards@apco911.org

Order from: Amanda Byrd, APCO; byrda@apco911.org

Send comments (with copy to BSR) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 0300091-200x, Serialization Standard for Telecommunication Network Infrastructure Equipment (new standard)

Provides a format and structure for assigning serial numbers to telecommunications infrastructure equipment.

Single copy price: $43.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS B2.1/B2.1M-200x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1-2004)

Provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are:

- oxyfuel gas welding;
- shielded metal arc welding;
- gas tungsten welding;
- submerged arc welding;
- gas metal arc welding;
- flux cored arc welding;
- plasma arc welding;
- electroslag welding;
- electrogas welding;
- electron beam welding;
- laser beam welding; and
- stud arc welding.

Single copy price: $156.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org

HL7 (Health Level Seven)

Revisions

BSR/HL7 V3 CMET, R2-200x, HL7 Version 3 Standard: Common Message Element Types, Release 2 (revision of ANSI/HL7 V3 CMET, R1-2005)

Release 2, membership ballot 1 includes the following CMETs:
- COCT_MT050002-R_Patient identified/confirmable;
- COCT_MT090102-R_AssignedPerson identified/confirmable;
- COCT_MT150000-E_Organization universal; and
- COCT_MT500000-R_CoveredParty universal.

Single copy price: $650.00

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standards

BSR/NEMA ANSLG C78.377-200x, Specifications for the Chromaticity of Solid State Lighting Products for Electric Lamps (new standard)

Specifies the range of chromaticities recommended for general lighting with solid state lighting (SSL) products, as well as to ensure that the white light chromaticities of the products can be communicated to consumers. This standard applies to LED-based SSL products with control electronics and heat sinks incorporated, that is, those devices that require only AC mains power or a DC voltage power supply to operate.

Single copy price: At Cost

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph N. Roy, NEMA (ASC C78); ran_roy@nema.org

Send comments (with copy to BSR) to: Same

TPI (Truss Plate Institute)

Revisions

BSR/TPI 1-200x, National Design Standard for Metal Plate Connected Wood (revision of ANSI/TPI 1-2002)

Establishes minimum requirements for the design and construction of metal-plate-connected wood trusses and describes the materials used in a truss, both lumber and steel, and design procedures for truss members and joints. Responsibilities, methods for evaluating the metal connector plates, and manufacturing quality assurance are also contained in this standard. (See the 3rd Public Review form available at www.tpinst.org/my_TPI1PC.htm for specific sections being reviewed.)

Single copy price: Free (online download); $40.00 plus shipping & handling (paper)

Obtain an electronic copy from: www.tpinst.org/my_TPI1PC.htm

Order from: Michael Cassidy, TPI; mcassidy@tpinst.org

Send comments (with copy to BSR) to: Ryan Dexter, TPI; rdexter@qualtim.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 51.0-200x, Reliability Prediction (new standard)

Provides an electronics failure rate prediction methodology and self-assessment standard.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com

BSR/VITA 51.1-200x, Reliability Prediction MIL-HDBK 217 Subsidiary Specification (new standard)

Provides a standard method of performing reliability predictions on COTS modules using MIL-HDBK-217F Notice 2.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com

Comment Deadline: December 25, 2007

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 98-200x, Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Materials (new standard)

Gives principles for the development of test procedures to evaluate the thermal endurance of solid electrical insulating materials in air. The results of accelerated thermal endurance tests, which are conducted according to prescribed procedures, shall be used to establish temperature indexes (TIs) for insulating materials.

Single copy price: $80.00 (Non-Member); $64.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 389-200x, Recommended Practice for Testing Electronics Transformers and Inductors (new standard)

Describes a number of tests for use in determining the significant parameters and performance characteristics of electronics transformers and inductors. These tests are designed primarily for transformers and inductors used in all types of electronics applications, but they may apply to the other types of transformers of large apparent-power rating used in the electric power utility industry.

Single copy price: $104.00 (Non-Member); $83.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 390-200x, Standard for Pulse Transformers (new standard)

Pertains to pulse transformers for use in electronic equipment. For the various types of these transformers, the peak power transmitted ranges from a few milliwatts to kilowatts; and the peak voltage transmitted ranges from a few volts to many kilovolts. The purpose of this standard is to provide a common ground between electronic system engineers and pulse transformer design engineers.

Single copy price: $105.00 (Non-Member); $84.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 495-200x, Guide for Testing Faulted Circuit Indicators (new standard)

Establishes definitions, service conditions, test procedures and test conditions for Faulted Circuit Indicators (FCI) for use on power distribution systems.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 532-200x, Guide for Selecting and Testing Jackets for Power, Instrumentation and Control Cables (new standard)

Covers the selection and testing of jackets and other protective coverings for power, instrumentation, and control cables. It is written for those responsible for optimizing cable designs.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 691-200x, Guide for Transmission Structure Foundation Design and Testing (new standard)

Provides the design of foundations for conventional transmission line structures, which includes the lattice towers, single or multiple shaft poles, H-frame structures, and anchors for guyed structures that are presented in this guide.

Single copy price: $80.00 (Non-Member); $65.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1122-200x, Standard for Digital Recorders for Measurements in High-Voltage Impulse Tests (new standard)

Defines the terms specifically related to the digital recorders used for monitoring high-voltage and high-current impulse tests, specifies the necessary performance characteristics for such digital recorders to ensure their compliance with the requirements for highvoltage and high-current impulse tests, and describes the tests and procedures that are necessary to show that these performance characteristics are within the specified limits.

Single copy price: $89.00 (Non-Member); $71.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1189-200x, Guide for Selection of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications (new standard)

Describes methods for selecting the appropriate type of valve-regulated, immobilized-electrolyte, recombinant lead-acid battery for any of a variety of stationary float applications. The purpose of this document is to ensure that the reader is aware of all significant issues that should be considered when selecting VRLA batteries, so that the user might make an informed decision.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1484.20.1-200x, Standard for Learning Technology - Data Model for Reusable Competency Definitions (new standard)

Defines a data model for describing, referencing, and sharing competency definitions, primarily in the context of online and distributed learning. It provides a way to represent formally the key characteristics of a competency, independently of its use in any particular context. It enables interoperability among learning systems that deal with competency information by providing a means for them to refer to common definitions with common meanings.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1516.4-200x, Recommended Practice for Verification, Validation, and Accreditation of a Federation - An Overlay to the High Level Architecture Federation Development and Execution Process (new standard)

Defines the processes and procedures that should be followed to implement Verification, Validation, and Accreditation (VV&A) for federations being developed using the High Level Architecture (HLA) Federation Development and Execution Process (FEDEP). It is not intended to replace existing VV&A policies, procedures and guidance, but rather to focus on the unique aspects of VV&A of federations. It is a higher-level framework into which such practices can be integrated and tailored for specific uses. The VV&A overlay provides implementation-level guidance to VV&A practitioners.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1542-200x, Guide for Installation, Maintenance, and Operation of Irrigation Equipment Located Near or Under Power Lines (new standard)

Follows industry practices and presents guidelines for installation, maintenance and operation of irrigation equipment near or under power lines as they pertain to minimum distance to energized conductors and proper grounding to minimize nuisance shocks. It covers a variety of conditions in general terms and makes specific recommendations for the type of irrigation systems and power line parameters most commonly found.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1617-200x, Guide for Detection, Mitigation, and Control of Concentric Neutral Corrosion in Medium Voltage Underground Cables (new standard)

Focuses primarily on unjacketed, underground distribution cable that has been installed direct buried or in conduit. The standard also describes causes of corrosion in cable concentric neutral wires and straps, methods to detect this corrosion, and makes recommendations on how to mitigate and control the cable concentric neutral corrosion. It also discusses the consequences of significant loss of concentric neutral.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1661-200x, Guide for Test and Evaluation of Lead-Acid Batteries Used in Photovoltaic (PV) Hybrid Power Systems (new standard)

Contains a field test procedure for lead-acid batteries used in photovoltaic (PV) hybrid power systems. This standard discusses battery charging parameters and ways for interpreting test results. This guide is applicable to all PV hybrid power systems where PV and an engine generator are the only charging sources. (It does not include stand-alone PV only systems.)

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.230-200x, Guide for Protective Relay Applications to Distribution Lines (new standard)

Presents a review of generally accepted applications and coordination of protection for radial power system distribution lines. This standard examines the advantages and disadvantages of schemes presently being used in protecting distribution lines. In addition, it identifies problems with the methods used in distribution line protection and solutions for those problems.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.235-200x, Guide for the Application of Rogowski Coils used for Protective Relaying Purposes (new standard)

Establishes criteria and requirements for application of Rogowski Coils (RC) (air-core current sensor) used for protective relaying in electric power systems. The selection and application of RCs for the more common protection schemes are addressed.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C57.12.36-200x, Standard Requirements for Liquid-Immersed Distribution Substation Transformers (new standard)

Sets forth the requirements for indoor/outdoor distribution substation transformer application that is not covered by ANSI/IEEE distribution and power transformer standards. This standard is intended for use as a basis for performance, interchangeability, and to assist in the proper selection of such equipment.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C57.129-200x, Standard for General Requirements and Test Code for Oil-Immersed HVDC Converter Transformers (new standard)

Specifies the electrical, mechanical, and physical requirements of oil-immersed singlephase and three-phase converter transformers. Tests are described and test code is defined. Devices such as arc furnace transformers and rectifier transformers for industrial or locomotive applications are not covered.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

Revisions

BSR/IEEE 99-200x, Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment (revision of ANSI/IEEE 99-1980 (R2000))

Provides criteria for the preparation of test procedures for accelerated thermal aging of insulation systems and for the specification of tests based on conditions of use. The objective of these test procedures is to provide for the functional evaluation, by test, of insulation systems for electrical equipment. It includes a form and guidelines for the preparation of test procedures.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 741-200x, Standard Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations (revision of ANSI/IEEE 741-2002)

Prescribes criteria that establish protection requirements for Class 1E power systems and equipment. This standard describes the purpose of and the means for obtaining protection from electrical and mechanical damage, or failures that can occur within a time period that is shorter than that required for operator action. It includes testing and surveillance requirements. It does not include plant physical design requirements to protect against events such as pipe whip, fire, dropped load, etc

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.20.7-200x, Guide for Testing Metal-Enclosed Switchgear Rated Up to 38kV for Internal Arcing Faults (revision of ANSI/IEEE C37.20.7-2001)

Establishes methods by which metal-enclosed switchgear may be tested for resistance to the effects of arcing due to an internal fault. This standard also discusses service conditions, installation, and application of equipment. This guide applies only to equipment utilizing air as the primary insulating medium and rated up to 38kV ac.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C57.12.35-200x, Standard for Bar Coding for Distribution Transformers and Step-Voltage Regulators (revision of ANSI/IEEE C57.12.35-1996 (R2004))

Covers bar code label requirements for specific types of distribution transformers and step-voltage regulators. Data content for temporary and permanent bar code labeling is described as well as bar code label print quality and durability requirements.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

Supplements

BSR/IEEE 802.1ag-200x, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment 5: Connectivity Fault Management (supplement to ANSI/IEEE 802.1Q-2006)

Specifies protocols, procedures, and managed objects to support connectivity fault management. These allow discovery and verification of the path, through bridges and LANs, taken for frames addressed to and from specified network users. Connectivity faults can be detected and isolated to an individual bridge or LAN.

Single copy price: $110.00 (Non-Member); $90.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 802.16g-200x, Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Amendment 3: Management Plane Procedures and Services (supplement to ANSI/IEEE 802.16-2005)

Defines management procedures as enhancements to the ANSI/IEEE 802.16 air interface standard for fixed and mobile broadband wireless systems. This standard specifies the management functions, interfaces and protocol procedures.

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.101-2006/Cor 1-200x, Guide for Generator Ground Protection - Corrigendum 1: Annex A.2 Phasor Analysis (Informative) (supplement to ANSI/IEEE C37.101-2006)

Corrects some equations in Annex A.2 (Phasor diagram analysis).

Single copy price: N/A

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

Reaffirmations

BSR/IEEE 95-2002 (R200x), Recommended Practice for Insulation Testing of AC Electric Machinery (2300 V and Above) with High Direct Voltage (reaffirmation of ANSI/IEEE 95-2002)

Provides uniform methods for testing insulation with high direct voltage. It applies to stator (armature) windings of ac electric machines rated 2300 V or higher. It covers acceptance testing of new equipment in the factory or in the field after installation, and routine maintenance testing of machines that have been in service.

Single copy price: $81.00 (Non-Member); $65.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 111-1984 (R200x), Standard for Wide-Band (Greater Than 1 Decade) Transformers (reaffirmation of ANSI/IEEE 111-2000)

Covers electronic wide-band transformers transmitting power within a wide band of frequencies, covering typically at least one decade in the frequency spectrum.

Single copy price: $92.00 (Non-Member); $74.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 252-1995 (R200x), Standard Test Procedure for Polyphase Induction Motors Having Liquid in the Magnetic Gap (reaffirmation of ANSI/IEEE 252-1995 (R2002))

Provides instructions for conducting and reporting the more generally applicable and acceptable tests to determine the performance characteristics of polyphase induction motors having liquid in the magnetic gap. Constants in several equations and forms apply to three-phase motors only and require modification for application to motors having another number of phases. It is not intended that the procedure cover all possible tests or tests of a research nature.

Single copy price: $92.00 (Non-Member); $74.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 387-1984 (R200x), Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 387-1995 (R2001))

Describes the criteria for the application and testing of diesel-generator units as Class 1E standby power supplies in nuclear power generating stations.

Single copy price: $95.00 (Non-Member); $76.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 388-1992 (R2007), Standard for Transformers and Inductors in Electronic Power Conversion Equipment (reaffirmation of ANSI/IEEE 388-1992 (R1998))

Covers transformers of both the saturating and nonsaturating type. The power transfer capability of the transformers and inductors covered range from the minimal (less than 1 W) to the multikilowatt level. The purpose is to provide a common basis for the engineers designing the transformers and inductors used in those activities. This standard does not cover apparatus used in equipment for high-voltage power conversion for distribution by electric utilities.

Single copy price: $90.00 (Non-Member); $72.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 393-1991 (R200x), Standard for Test Procedures for Magnetic Cores (reaffirmation of ANSI/IEEE 393-1991 (R1998))

Presents test methods useful in the design, analysis, and operation of magnetic cores in many types of applications. Tests for specifying and/or measuring permeability, core loss, apparent core loss, induction, hysteresis, thermal characteristics, and other properties are given.

Single copy price: $90.00 (Non-Member); $70.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 449-1998 (R200x), Standard for Ferroresonant Voltage Regulators (reaffirmation of ANSI/IEEE 449-1998)

Covers ferroresonant transformers used as regulators in electronic power supplies and in other equipment. It provides definitions relating to ferroresonance and ferroresonant regulators and includes guides to application and test procedures are included.

Single copy price: $80.00 (Non-Member); $64.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 563-1991 (R2007), Guide on Conductor Self-Damping Measurements (reaffirmation of ANSI/IEEE 563-1991 (R2002))

Presents methods for measuring the inherent vibration damping characteristics of overhead conductors. The intent is to obtain information in a compatible and consistent form that will provide a reliable basis for studying the vibration and damping of conductors in the future, and for comparing data of various investigators. The methods and procedures recommended are not intended for quality-control test purposes.

Single copy price: $72.00 (Non-Member); $58.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 637-1985 (R200x), Guide for the Reclamation of Insulating Oil and Criteria for Its Use (reaffirmation of ANSI/IEEE 637-1985 (R2002))

Provides detailed procedures for reclaiming used mineral insulating oils (transformer oils) by chemical and mechanical means to make them suitable for reuse as insulating fluids. It describes reclamation procedures, test methods to evaluate the process and end point of reclamation, and essential properties required for reuse in each class of equipment.

Single copy price: $74.00 (Non-Member); $59.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 664-1994 (R200x), Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors (reaffirmation of ANSI/IEEE 664-1994 (R2000))

Describes the current methodologies, including apparatus, procedures, and measurement accuracies, for determining the dynamic characteristics of vibration dampers and damping systems. It provides some basic guidance regarding a given method’s strengths and weaknesses. The methodologies and procedures described are applicable to indoor testing only.

Single copy price: $96.00 (Non-Member); $77.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1063-2002 (R200x), Standard for Software User Documentation (reaffirmation of ANSI/IEEE 1063-2002)

Provides minimum requirements for the structure, information content, and format of user documentation, including both printed and electronic documents used in the work environment by users of systems containing software.

Single copy price: $77.00 (Non-Member); $62.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1110-2002 (R200x), Guide for Synchronous Generator Modeling Practices and Applications in Power System Stability Analyses (reaffirmation of ANSI/IEEE 1110-2002)

Categorizes three direct-axis and four quadrature-axis models, along with the basic transient reactance model. It also discusses some of the assumptions made in using various models and presents the fundamental equations and concepts involved in generator/system interfacing. It also includes discussions on saturation pracatices, stability data determination and application, and synchronous generator stability models. Finally, it makes suggestions for modeling of negative field currents and other field circuit discontinuities

Single copy price: $90.00 (Non-Member); $70.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1175.1-2002 (R200x), Guide for CASE Tool Interconnections - Classification and Description (reaffirmation of ANSI/IEEE 1175.1-2002)

Describes the scope of application and interrelationships for the members of the IEEE 1175 family of standards. It points the reader to the appropriate member standard that addresses issues involved in effectively integrating computing system tools into a productive engineering environment.

Single copy price: $69.00 (Non-Member); $55.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE 1425-2001 (R200x), Guide for the Evaluation of the Remaining Life of Impregnated Paper-Insulated Transmission Cable Systems (reaffirmation of ANSI/IEEE 1425-2001)

Provides technical information regarding factors that can affect the life of an impregnated paper-insulated transmission cable system, and it reviews available methods to evaluate the remaining life of such systems and preventive maintenance to extend their service life.

Single copy price: $78.00 (Non-Member); $63.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.09-1999 (R200x), Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis [Also C37.09a-2005 and C37.09-1999/Cor1-2007] (reaffirmation of ANSI/IEEE C37.09-1999)

Includes all voltage ratings above 1000 V ac and comprises both indoor and outdoor types having the prefered ratings as listed in ANSI C37.06-1997. The test procedures verify all assigned ratings, including continuous current, dielectric withstand voltages, short-circuit current, transient recovery voltage, and capacitor switching, plus associated capabilities such as mechanical endurance, load current, and out-of-phase switching. Production test procedures are also included. [Single copy price for supplements: C37.09a: $90.00 (Non-Member); $70.00 (IEEE Member); C37.09-1999/Cor: $45.00 (Non-Member); $35.00 (IEEE Member)]

Single copy price: $89.00 (Non-Member); $71.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

BSR/IEEE C37.20.1-2002 (R200x), Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear [Also C37.20.1a-2005 and C37.20.1b-2007] (reaffirmation of ANSI/IEEE C37.20.1-2002)

Covers low-voltage metal-enclosed switchgear, which contains either stationary or drawout, manually or electrically operated, low-voltage ac or dc power circuit breakers in individual grounded metal compartments, in three-pole, two-pole, or single-pole construction. Rated maximum voltage levels are 254 V, 508 V, or 635 V (ac) and 300/325 V, 800 V, 1000 V, 1200 V, 1600 V, or 3200 V (dc). The standard deals with service conditions, ratings, temperature limitations, and classification of insulating materials, insulation (dielectric) withstand voltage requirements, test procedures, and application. [Single copy price for supplements: C37.20.1a: $35.00 (Non-Member); $30.00 (IEEE Member); C37.20.1b: $55.00 (Non-Member); $45.00 (IEEE Member)]

Single copy price: $102.00 (Non-Member); $82.00 (IEEE Member)

Order from: IEEE Customer Service; http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

Call for Comment Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of *Standards Action* – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or standact@ansi.org.

Order from:

AISI
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Washington, DC 20036
Phone: (202) 452-7134
Fax: (202) 463-6573
Web: www.steel.org

APCO
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351 N. Williamson Boulevard
Daytona Beach, FL 32114
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Fax: (386) 322-2501
Web: apco911.org

ATIS
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Web: www.atis.org

AWS
American Welding Society
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Fax: (800) 443-5951
Web: www.aws.org

HL7
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NEMA (ASC C78)
National Electrical Manufacturers Association
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Rosslyn, VA 22209
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TPI
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Web: www.hl7.org

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VITA
VMEbus International Trade Association (VITA)
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Phone: (480) 837-7486
Web: www.vita.com/

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.

ASA (ASC S12) (Acoustical Society of America)

Reaffirmations

ANSI/ASA S12.12-1992 (R2007), Engineering Method for the Determination of Sound Power Levels of Noise Sources Using Sound Intensity (reaffirmation and redesignation of ANSI S12.12-1992 (R2002)): 10/19/2007

ANSI/ASA S12.10-2002/ISO 7779:1999 (R2007) (incl AMD1), Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment (a Nationally Adopted International Standard) (reaffirmation and redesignation of ANSI S12.10-2002/ISO 7779:1999 (incl AMD1)): 10/19/2007

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B16.20-2007, Metallic Gaskets for Pipe Flanges (revision of ANSI/ASME B16.20-1998 (R2004)): 10/19/2007

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

Reaffirmations

ANSI INCITS 274-1996 (R2007), Information technology - Programming Language REXX (reaffirmation of ANSI INCITS 274-1996 (R2001)): 10/18/2007

ANSI INCITS 274-1996/AM1-2000 (R2007), Information Technology - Amendments, Errata and Interpretations (reaffirmation of ANSI INCITS 274-1996/AM1-2000 (R2001)): 10/18/2007

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmations

ANSI C78.MR11-2-1997 (R2007), Electric Lamps -1.375 Inch (35mm) Integral Reflector Lamps with Front Covers and GU 4 or GZ4 Bases (reaffirmation of ANSI C78.MR11-2-1997 (R2002)): 10/19/2007

ANSI C78.20-2003 (R2007), Incandescent Lamps - A, G, PS, and Similar Shapes with E26 Medium Screw Bases (reaffirmation of ANSI C78.20-2003): 10/17/2007

ANSI C78.21-2003 (R2007), Incandescent Lamps - PAR and R Shapes (reaffirmation of ANSI C78.21-2003): 10/17/2007

ANSI C78.22-1995 (R2007), Incandescent Lamps - A, G, PS, and Similar Shapes with E39 Mogul Screw Bases (reaffirmation of ANSI C78.22-1995 (R2003)): 10/17/2007

ANSI C78.30-1997 (R2007), Electric Lamps - Procedure for Use in Preparation of Lamp Space Drawings (reaffirmation of ANSI C78.30-1997 (R2002)): 10/17/2007

ANSI C78.260-2002 (R2007), Tubular Tungsten-Halogen Lamps - Physical Characteristics (reaffirmation of ANSI C78.260-2002): 10/17/2007

ANSI C78.261-1997 (R2007), Specification for Tubular Incandescent Infrared Lamps (reaffirmation of ANSI C78.261-1977 (R2002)): 10/17/2007

ANSI C78.1403-1997 (R2007), Electric Lamps - Tungsten Halogen Lamps with G6.35, GX.35 and GY6.35 Bases (reaffirmation of ANSI C78.1403-1997 (R2002)): 10/17/2007

ANSI C78.1417-1997 (R2007), Electric Lamps - 1.65 Inch (42-mm) Integral Reflector, Rim Reference Projection Lamps w/GX5.3 or GY5.3 Bases - Dimensional & Centering System (reaffirmation of ANSI C78.1417-1997 (R2002)): 10/17/2007

ANSI C78.1421-2002 (R2007), Dimensions and Centering Systems for Projection Lamps - 35mm Integral Reflector Rim Reference Lamps with GZ4 Bases (reaffirmation of ANSI C78.1421-2002): 10/17/2007

ANSI C78.1432-1997 (R2007), Electric Lamps - Tungsten-Halogen Lamps with GZ9.5 Two-Pin, Prefocus Bases and 36.5mm Nominal Light Center Length (reaffirmation of ANSI C78.1432-1997 (R2002)): 10/17/2007

ANSI C78.1433-2001 (R2007), Two-Inch (51-mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Large Screen Projection Lamps with GX 5.3 Bases (reaffirmation of ANSI C78.1433-2001): 10/17/2007

ANSI C78.1434-2001 (R2007), Condensing Dichroic Coated Integral Reflector Side Pin Tungsten Halogen Projection Lamps with GX7.9 Bases (reaffirmation of ANSI C78.1434-2001 (R2006)): 10/19/2007

ANSI C78.1435-2002 (R2007), Projection Lamps - Tungsten-Halogen Lamps with G5.3 Bases (reaffirmation of ANSI C78.1435-2002): 10/17/2007

ANSI C78.60360-2002 (R2007), Electric Lamps - Standard Method of Measurement of Lamp Cap Temperature Rise (reaffirmation of ANSI C78.60360-2002): 10/17/2007

ANSI/IEC C78.682-1997 (R2007), Method of Measuring the Pinch Temperature of Quartz Tungsten-Halogen Lamps (reaffirmation of ANSI/IEC C78.682-1997 (R2002)): 10/17/2007

NSF (NSF International)

Revisions

ANSI/NSF 42-2008 (i62), Drinking water treatment Units - Aesthetic effects (revision of ANSI/NSF 42-2002a): 10/12/2007

ANSI/NSF 44-2007 (i29), Residential cation exchange water softners (revision of ANSI/NSF 44-2004): 10/12/2007

ANSI/NSF 53-2008 (i69), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2007): 10/12/2007

ANSI/NSF 55-2007 (i26), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2002): 10/12/2007

ANSI/NSF 58-2007 (i53), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2006): 10/12/2007

ANSI/NSF 62-2007 (i18), Drinking water distillation systems (revision of ANSI/NSF 62-2004): 10/12/2007

TIA (Telecommunications Industry Association)

New Standards

ANSI/TIA 664-537-B-2007, Wireless Features Description: Wireless Intelligent Network Feature Descriptions (new standard): 10/23/2007

Revisions

ANSI/TIA 664-525-B-2007, Wireless Features Description: Asynchronous Data Service (ADS) (revision of ANSI/TIA 664-525-A-2000): 10/23/2007

ANSI/TIA 664-526-B-2007, Wireless Features Description: Calling Name Presentation (CNAP) (revision of ANSI/TIA 664-526-A-2000): 10/23/2007

ANSI/TIA 664-527-B-2007, Wireless Features Description: Calling Name Restriction (CNAR) (revision of ANSI/TIA 664-527-A-2000): 10/23/2007

ANSI/TIA 664-528-B-2007, Wireless Features Description: Data Privacy (DP) (revision of ANSI/TIA 664-528-A-2000): 10/23/2007

ANSI/TIA 664-529-B-2007, Wireless Features Description: Emergency Services (9-1-1) (revision of ANSI/TIA 664-529-A-2000): 10/23/2007

ANSI/TIA 664-530-B-2007, Wireless Features Description: Group 3 Facsimile Service (G3 Fax) (revision of ANSI/TIA 664-530-A-2000): 10/23/2007

ANSI/TIA 664-531-B-2007, Wireless Features Description: Network Directed System Selection (NDSS) (revision of ANSI/TIA 664-531-A-2000): 10/23/2007

ANSI/TIA 664-532-B-2007, Wireless Features Description: Non-public Service Mode (NP) (revision of ANSI/TIA 664-532-A-2000): 10/23/2007

ANSI/TIA 664-533-B-2007, Wireless Features Description: Over-the-Air Service Provisioning (OTASP) (revision of ANSI/TIA 664-533-A-2000): 10/23/2007

ANSI/TIA 664-536-B-2007, Wireless Features Description: Group 3 Analog Facsimile Service (G3 AFax) (revision of ANSI/TIA 664-536-A-2000): 10/23/2007

ANSI/TIA 664-802-B-2007, Wireless Features Description: Subscriber Confidentiality (revision of ANSI/TIA 664-802-A-2000): 10/23/2007

ANSI/TIA 664-805-A-2007, Wireless Features Description: CDMA Packet Data Service (revision of ANSI/TIA 664-805-2005): 10/23/2007

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 634 -2007, Standard for Connectors and Switches for Use with Burglar-Alarm Systems (Proposal dated 4-13-07) (new standard): 10/12/2007

Revisions

ANSI/UL 674-2007, Standard for Safety for Electric Motors and Generators for Use in Division 1 (revision of ANSI/UL 674-2003): 10/16/2007

ANSI/UL 1450-2007, Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (revision of ANSI/UL 1450-2006): 10/17/2007

VITA (VMEbus International Trade Association (VITA))

New Standards

ANSI/VITA 46.0-2007, VPX Baseline Standard (new standard): 10/19/2007

ANSI/VITA 46.1-2007, VMEbus Signal Mapping for VITA 46 (new standard): 10/19/2007

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.

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678

Contact: *Sharon Stanford*

Fax: (312) 440-2529

E-mail: stanfords@ada.org

BSR/ADA Specification No. 35-200x, Dental Handpieces (new standard)

Stakeholders: Dentists, dental manufacturers, consumers.

Project Need: To attempt to consolidate the six existing handpiece standards to make a more “horizontal” standard.

Specifies requirements and test methods for the application of dental handpieces to patients. It will address meaningful measures of performance with respect to sterilization, power and cutting efficiency. This specification consolidates standards for:
- high-speed air turbine handpieces;
- straight and geared angle handpieces;
- air-motors;
- low-voltage electrical motors;
- coupling dimensions; and
- hose dimensions.

It also contains specifications on manufacturer's instructions, packaging and marking.

ASA (ASC S2) (Acoustical Society of America)

Office: 35 Pinelawn Road Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S2.63-200x / ISO 16063-22:2005, Methods for the calibration of vibration and shock transducers - Part 22: Shock calibration by comparison to a reference transducer (identical national adoption of ISO 16063-22:2005)

Stakeholders: Engineers, Calibration Laboratories, Industry.

Project Need: This standard is aimed at users engaged in shock measurements requiring traceability as stated in ISO 9001 and ISO/IEC 17025.

Specifies the instrumentation and procedures to be used for secondary shock calibration of rectilinear transducers, using a reference acceleration, velocity or force measurement for the time-dependent shock. The methods are applicable in a shock pulse (duration range) of 0,05 ms to 8,0 ms, and a dynamic range (peak value) of 100 m/s2 to 100 km/s2 (time-dependent). The methods allow the transducer shock sensitivity to be obtained.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME B107.30-200x, Cross Tip Screwdrivers (revision of ANSI/ASME B107.30-2002)

Stakeholders: Manufacturers and users of hand tools.

Project Need: To update the current standard in order to specify test requirements properly and to eliminate unnecessary classifications.

Provides performance and safety requirements for screwdrivers of PHILLIPS®1 and POZIDRIV®1 design intended for manual operation in driving or removing screws with PHILLIPS or POZIDRIV recesses. The screwdrivers are of the types normally used by cabinetmakers, carpenters, sheet metal workers, production workers, mechanics, etc.

BSR/ASME Y14.36M-200x, Surface Texture Symbols (revision of ANSI/ASME Y14.36M-1996 (R2002))

Stakeholders: Those who prepare mechanical engineering drawings and need to specify surface qualities and treatment.

Project Need: To update the current standard in order to reflect current practices.

Specifies the rules for the indication of surface texture in technical product documentation, (e.g., drawings, specifications, contracts, reports) by means of graphical symbols and textual indications.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Helene Skloff*

E-mail: hskloff@astm.org; cleonard@astm.org

BSR/ASTM Z4033Z/WK16504-200x, Test Method for Determination of Boiling Range Distribution of Distillates and Lubricating Base Oils - in Boiling Range from 100 to 735C by Gas Chromatography (new standard)

Stakeholders: Petroleum Products and Lubricants Industry.

Project Need: This standard test method has been developed through the harmonization of two test methods, ASTM D6352 and IP 480. As both of these methods over the same scope and include very similar operating conditions, it was agreed that a single standard method would benefit the global simulated distillation community.

Determines the boiling range distribution of petroleum products by capillary gas chromatography using flame ionization detection.

ATIS (Alliance for Telecommunications Industry Solutions)

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

BSR ATIS 0600011-200x, EMC and Electrical Protection (new standard)

Stakeholders: Telecommunications Industry.

Project Need: To address electromagnetic compatibility and protection of telecommunications equipment that is typically utilized by telecommunications service providers

Addresses electromagnetic compatibility and protection of telecommunications equipment that is typically utilized by telecommunications service providers.

BSR ATIS 0600012-200x, Broadband Protection Considerations (new standard)

Stakeholders: Telecommunications Industry.

Project Need: To address the parameters that should be considered as protection choices are made in regards to xDSL and other Broadband systems.

Addresses the parameters that should be considered while protection choices are made in regards to xDSL and other Broadband systems. These systems need to be protected, but this protection should not negatively impact the signal of interest.

BSR ATIS 0600308-200x, Central Office ESD Immunity Requirements (revision and redesignation of ANSI T1.308-1996 (R2002))

Stakeholders: Telecommunications Industry.

Project Need: To provide electrostatic discharge (ESD) immunity criteria and test procedures for equipment assemblies intended for use in telephone central offices.

Provides electrostatic discharge (ESD) immunity criteria and test procedures for equipment assemblies intended for use in telephone central offices. It is intended to establish the capability of central office equipment to function normally after receiving typically encountered electrostatic discharges.

BSR ATIS 0600316-200x, Electrical Protection of Telecommunication Outside Plant (revision and redesignation of ANSI T1.316-2002)

Stakeholders: Telecommunications Industry.

Project Need: To provide the minimum electrical protection, grounding and bonding criteria necessary to mitigate the disruptive and damaging effects of lightning and ac power faults.

A relecommunications outside plant, by nature of its outdoor location and frequent join-use or joint right-of-way installations with power utility facilities, is often subject to disturbances from lightening and ac power line faults. This standard provides the minimum electrical protection, grounding and bonding criteria necessary to mitigate the disruptive and damaging effects of lightening and ac power faults. It is intended to serve as a guide for designers of such facilities in the application of electrical protection, grounding and bonding, as a function of the electrical environment.

BSR ATIS 0600334-200x, Electrical Protection of Communications Towers and Associated Structures (revision and redesignation of ANSI T1.334-2002)

Stakeholders: Telecommunications Industry.

Project Need: To provide the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lighting.

Communications towers and the associated structures, by nature of their outdoor location, are often subject to disturbances from lightning. This standard provides the minimum electrical protection, grounding, and bonding criteria necessary to mitigate the disruptive and damaging effects of lighting.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Charles Robinson*
Fax: (919) 549-8288
E-mail: crobinson@ISA.org

BSR/ISA 98.00.01-2002 (R200x), Qualifications and Certification of Control System Technicians (reaffirmation of ANSI/ISA 98.00.01-2002)

Stakeholders: Processing and manufacturing industries.

Project Need: To reaffirm the current American National Standard, while considering possible revisions.

Identifies the recommended criteria for certification of control system technicians. These criteria address qualifications based on education, experience, training, and job performance.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Eliana Beattie*
Fax: (919) 549-8288
E-mail: ebeattie@isa.org

BSR/ISA 92.00.03-200x, Toxic Gas Detection as a Method of Protection (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide guidance on the use of toxic gas detectors to protect personnel.

Provides guidance on the use of a toxic gas detection system as a method of personnel protection as defined within Title 29 Code of Federal Regulations Part 1910 OSHA regulations to support protection of personnel.

BSR/ISA 92.00.04-200x, Performance Requirements for Open Path Toxic Gas Detectors (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide requirements for open path toxic gas detection for safety of personnel and equipment.

Provides minimum requirements for fixed and transportable open path toxic gas detection apparatus.

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
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- TIA
- Underwriters Laboratories, Inc. (UL)

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.

ISO and IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 15304, Animal and vegetable fats and oils - Determination of cis-, trans-, saturated, mono- and polyunsaturated fatty acids in vegetable or non-ruminant oils and fats - Capillary gas chromatographic method - 1/26/2008, $98.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 7376, Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - 1/25/2008, $98.00

ERGONOMICS (TC 159)

ISO/DIS 9241-920, Ergonomics of human-system interaction - Part 920: Guidance on tactile and haptic interactions - 1/22/2008, $93.00

FLOOR COVERINGS (TC 219)

ISO/DIS 10361, Textile floor coverings - Production of changes in appearance by means of Vettermann drum and hexapod tumbler testers - 1/24/2008, $58.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-214, Industrial automation systems and integration - Product data representation and exchange - Part 214: Application protocol: Core data for automotive mechanical design processes - 1/22/2008, FREE

MACHINE TOOLS (TC 39)

ISO/DIS 23848-1, Machine tools - Ball splines - Part 1: Classification and geometrical requirements - 1/26/2008, $77.00

ISO/DIS 23848-2, Machine tools - Ball splines - Part 2: Dynamic and static load ratings and rating life - 1/26/2008, $40.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11979-4, Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information - 1/25/2008, $40.00

ISO/DIS 25297-1, Optics and photonics - Electronic exchange of optical data - Part 1: NODIF information model - 1/24/2008, $146.00

PALLETS FOR UNIT LOAD METHOD OF MATERIALS HANDLING (TC 51)

ISO/DIS 8611-2, Pallets for materials handling - Flat pallets - Part 2: Performance requirements and selection of tests - 1/24/2008, $53.00

ROAD VEHICLES (TC 22)

ISO/DIS 22900-3, Road vehicles - Modular vehicle communication interface (MVCI) - Part 3: Diagnostic server application programming interface (D-Server API) - 1/18/2008, $215.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 27991, Ships and marine technology - Marine evacuation systems - Means of communication - 1/24/2008, $40.00

SMALL CRAFT (TC 188)

ISO 12217-1/DAmd1, Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m - Amendment 1 - 1/18/2008, $67.00

ISO 12217-3/DAmd1, Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m - Amendment 1 - 1/18/2008, $53.00

STEEL (TC 17)

ISO/DIS 9445-1, Continuously cold-rolled stainless steel - Tolerances on dimensions and form - Part 1: Narrow strip and cut lengths - 1/21/2008, $46.00

ISO/DIS 9445-2, Continuously cold-rolled stainless steel - Tolerances on dimensions and form - Part 2: Wide strip and plate/sheet - 1/21/2008, $53.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 5171, Gas welding equipment - Pressure gauges used in welding, cutting and allied processes - 1/26/2008, $67.00

IEC Standards

18A/285/FDIS, IEC 60092-350 Ed.3: Electrical installations in ships - Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications, 12/21/2007

40/1870/FDIS, IEC 60286-2: Packaging of components for automatic handling - Part 2: Tape package of components with unidirectional leads on continuous tapes, 12/14/2007

40/1871/FDIS, IEC 60384-20: Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors, 12/14/2007

40/1872/FDIS, IEC 60384-20-1: Fixed capacitors for use in electronic equipment - Part 20-1: Blank detail specification - Fixed metallized polyethylene sulfide film dielectric surface mount d.c. capacitors - Assessment level EZ, 12/14/2007

47/1937/FDIS, IEC 60749-37, Ed. 1: Semiconductor devices - Mechanical and climatic test methods - Part 37: Board level drop test method using a accelerometer, 12/14/2007

48B/1816/FDIS, IEC 60603-7-3 Ed. 1.0: Connectors for electronic equipment - Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz, 12/14/2007

61E/594/FDIS, IEC 60335-2-36-A2 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 12/14/2007

61E/595/FDIS, IEC 60335-2-37-A1 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric deep fat fryers, 12/14/2007

61E/596/FDIS, IEC 60335-2-38-A1 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, 12/14/2007

61E/597/FDIS, IEC 60335-2-48-A1 Ed 4.0:Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters, 12/14/2007

61E/598/FDIS, IEC 60335-2-58-A1 Ed 3.0:Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines, 12/14/2007

61E/599/FDIS, IEC 60335-2-62-A1 Ed 3.0: Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, 12/14/2007

61F/704/FDIS, IEC 60335-2-94 Ed 3.0: Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears, 12/14/2007

62B/673/FDIS, IEC 60601-1-3 Ed.2: Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment, 12/14/2007

90/207/FDIS, IEC 61788-6- Ed.2: Superconductivity - Part 6: Mechanical properties measurement - Room temperature tensile test of Cu/Nb-Ti composite superconductors, 12/14/2007

108/266/FDIS, IEC 62075 Ed 1.0: Audio/Video, information and communication technology equipment - environmentally conscious design, 12/14/2007

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Global Engineering Documents.

AIR QUALITY (TC 146)

ISO 16107:2007, Workplace atmospheres - Protocol for evaluating the performance of diffusive samplers, $77.00

FINE CERAMICS (TC 206)

ISO 17561/Cor1:2007, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for elastic moduli of monolithic ceramics at room temperature by sonic resonance - Corrigendum, FREE

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19132:2007, Geographic information - Location-based services - Reference model, $160.00

HOROLOGY (TC 114)

ISO 16253:2007, Watch-cases and accessories - Vapour phase deposited coatings, $61.00

IMPLANTS FOR SURGERY (TC 150)

ISO 5832-14:2007, Implants for surgery - Metallic materials - Part 14: Wrought titanium 15-molybdenum 5-zirconium 3-aluminium alloy, $35.00

MACHINE TOOLS (TC 39)

ISO 702-2:2007, Machine tools - Connecting dimensions of spindle noses and work holding chucks - Part 2: Camlock type, $61.00

ISO 702-3:2007, Machine tools - Connecting dimensions of spindle noses and work holding chucks - Part 3: Bayonet type, $54.00

OTHER

ISO 10526:2007, CIE standard illuminants for colorimetry, $66.00

ISO 10527:2007, CIE standard colorimetric observers, $97.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 14557/Amd1:2007, Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies - Amendment 1, $14.00

TYRES, RIMS AND VALVES (TC 31)

ISO 16392:2007, Tyres - Electrical resistance - Test method for measuring electrical resistance of tyres on a test rig, $54.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1:2007, Information technology - Generic coding of moving pictures and associated audio information: Systems, $190.00

ISO/IEC 14496-4/Amd9/Cor1:2007, Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Conformance testing for MPEG-4 - Corrigendum, FREE

ISO/IEC 14496-11/Cor6:2007, Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine - Corrigendum, FREE

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 25021:2007, Software engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Quality measure elements, $131.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

Call for Members

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain 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 30+ 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 all membership categories:

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

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.

ANSI Accredited Standards Developers

Administrative Reaccreditation

ASC Z10 – Occupational Health and Safety Systems

Accredited Standards Committee Z10, *Occupational Health and Safety Systems,* has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2007 version of the *ANSI Essential Requirements,* effective October 19, 2007. For additional information, please contact: Ms. Mili Mavely, Program Manager, Standards & International Activities, American Industrial Hygiene Association, 2700 Prosperity Avenue, Suite 250, Fairfax, VA 22031; PHONE: (703) 846.0794; FAX: (703) 207-8558; E-mail: mmavely@aiha.org.

International Organization for Standardization (ISO)

Systematic Review of ISO Standards not Assigned to a Specific Technical Committee

Comment Deadline: November 16, 2007

It is the practice within ISO when an ISO Technical Committee (TC) is disbanded, existing ISO Standards, when requiring systematic review, be transmitted to ISO Member Bodies.

The following ISO Standards are before the ISO Member Bodies for consideration of being Reaffirmed, Revised or Withdrawn:

- ISO 8530:1986, Manganese and chromium ores – Experimental methods for checking the precision of sample division
- ISO 314:1981, Manganese ores – Determination of carbon dioxide content – Gravimetric method
- ISO 6129:1981, Chromium ores – Determination of hygroscopic moisture content in analytical samples – Gravimetric method
- ISO 5890:1981, Manganese ores and concentrates – Determination of silicon content – Gravimetric method
- ISO 312:1986, Manganese ores – Determination of active oxygen content, expressed as manganese dioxide – Titrimetric method
- ISO 7990:1985, Manganese ores and concentrates – Determination of total iron content – Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method
- ISO 4571:1981, Manganese ores and concentrates – Determination of potassium and sodium content – Flame atomic emission spectrometric method
- ISO 4293:1982, Manganese ores and concentrates – Determination of phosphorus content – Extraction-molybdovanadate photometric method
- ISO 553:1981, Manganese ores – Determination of vanadium content – Titrimetric method and phosphotungstovanadate photometric method
- ISO 4296-1:1984, Manganese ores – Sampling – Part 1: Increment sampling
- ISO 4294:1984, Manganese ores and concentrates – Determination of copper content – Extraction-spectrometric and spectrometric methods
- ISO 6130:1985, Chromium ores – Determination of total iron content – Titrimetric method after reduction
- ISO 316:1982, Manganese ores – Determination of cobalt content – Nitroso-R-salt photometric method
- ISO 310:1992, Manganese ores and concentrates – Determination of hygroscopic moisture content in analytical samples – Gravimetric method
- ISO 8542:1986, Manganese and chromium ores – Experimental methods for evaluation of quality variation and methods for checking the precision of sampling
- ISO 621:1981, Manganese ores – Determination of metallic iron content (metallic iron content not exceeding 2%) – Sulphosalicylic acid photometric method

A copy of the above ISO Standards can be obtained from ANSI's eStandards Store (http://webstore.ansi.org/).

A recommended response and supporting comments on the US position for any or all of the above ISO Standards should be sent to Henrietta Scully at ANSI via e-mail: hscully@ansi.org, by close of business, November 16. 2007. Comments received supporting withdrawal will be presented for the AIC's endorsement to be submitted to ISO.

Call for ISO Member Body Vote

Road Transport Safety Management Systems

Comment Deadline: November 16, 2007

SIS (Sweden) has submitted to ISO a proposal for a new field of ISO technical activity on Road Transport Safety Management Systems, with the following scope statement.

This International Management Systems Standard will provide:

- Principles of Road-Traffic Safety. The principles will include (but are not limited to) Safe Road Transport System, Leadership, Process approach, Factual approach and Continual Improvement (PDCA)

- Requirements for a road-traffic safety management system where an organization:

a) wishes to seek understanding of its role in the road transport system and thereby enable effective efforts to be made in the area of road-traffic safety, and;

b) wishes to create conditions, in its role in the road transport system, for individuals to survive and avoid serious injuries in the road-traffic, and;

c) aims to enhance satisfaction among relevant stakeholders in the area of road-traffic safety through the effective application of the system and the assurance of conformity to stakeholder and society and applicable regulatory requirements, and;

d) wishes to demonstrate its ability to consistently perform processes where the output meets traffic safety requirements on road transports from users, other stakeholders, society and applicable regulatory requirements, and;

e) wishes to reduce costs for transports in the road–traffic system;

- Guidance on techniques that shall be used to enable the organization to be effective and systematic in the achievement of the road-traffic safety objectives. These techniques are (but are not limited to):

a) defining of the internal and the external context where the role and the influence of the organization and relevant stakeholders are analyzed in the area of road-traffic safety, and

b) the concept of Traffic Safety Performance Indicators which enables the organization to understand the process that leads to accidents/injuries and thereby facilitates the definition of the road-traffic safety objectives and targets.

A copy of the complete new work item proposal can be obtained for review by contacting Henrietta Scully via email at hscully@ansi.org and comments sent to Steven Cornish (scornish@ansi.org) by Friday, November 16, 2007. All input will be compiled and a recommended ANSI position with possible comments will then be presented to the AIC for approval.

Call for International (ISO) Secretariat

ISO/TC 46/SC 9 – Information and Documentation - Identification and Description

Comment Deadline: November 19, 2007

ANSI has been advised the National Information Standards Organization (NISO) wishes to serve as delegated ANSI Secretariat for the above ISO subcommittee which Canada (SCC) wishes to relinquish.

This SC is covered by the scope of the main Technical Committee (ISO/TC 46), having the following scope:

Standardization of practices relating to libraries, documentation and information centres, indexing and abstracting services, archives, information science and publishing.

Anyone wishing to comment on the delegation of the International Secretariat to NISO, please contact Henrietta Scully of ANSI via E-mail at hscully@ansi.org, by November 19th.

BSR/UL 123

Proposal

1.2 These requirements do not apply to ~~torches in which the fuel gas aspirates atmospheric air or to~~ metal-spraying torches.

BSR/UL 1660-200x

1. Spliced LFNC-B Conduit

PROPOSAL

4.1 General

4.1.1 Conduit shall be essentially circular in cross-section. The inside surface of conduit shall not have indentations (normal convolutions or corrugations shall not be considered indentations), projections, roughness, or other features that could damage or impede wires and cables being pulled into the conduit. The length of finished conduit is not specified. Spliced lengths of Type LFNC-B conduit shall be provided with a marking on the package. See Clause 6.2.1 g).

6.2 Package

6.2.1 The following information shall be legibly marked on a tag or adhesive label affixed to the reel or carton or printed or stenciled directly on the reel or carton.

a) All of the information required in Clause 6.1.3.

b) The date of manufacture, or the dating period of manufacture. The dating period shall not exceed any three consecutive calendar months. The date or dating period may be abbreviated or coded.

c) "Equipment grounding/bonding conductor required" or equivalent wording.

d) For Type LFNC-A conduit, "Use fittings identified specifically for Type LFNC-A conduit" or equivalent wording.

e) For Type LFNC-B conduit, "Use fittings identified for Type LFNC-B conduit or use fittings for liquid-tight flexible metal conduit" or equivalent wording.

f) For Type LFNC-C conduit, "Use with _____ fittings only" where the fitting manufacturer's name or trademark is inserted in the blank space.

g) For Type LFNC-B conduit spliced to make longer lengths, "Cut out the splices before use" or equivalent wording.

2. Conduit Identification Marking

PROPOSAL

6.1.3 The outside surface of conduit shall be marked with each of the following:

a) "Liquid-tight flexible nonmetallic conduit Type ___" or "LFNC-__" (use "A", "B", or "C" for the type of LFNC conduit used). The means of reinforcement (fibrous or rigid) need not be marked.

b) The trade size and metric designator of the conduit, for example, 1/2 (16).

c) The manufacturer's name, trade name, or trademark or other descriptive marking that identifies the organization responsible for the conduit. ~~If the organization that is responsible for the conduit is different from the actual manufacturer, both shall be identified by name, trade name, trademark, or traceable code. A private labeler may also be identified.~~

Items (d) through (j) are unchanged.

3. Conduit Markings for Outdoor Use (U.S.) and Sunlight Resistance (Canada)

PROPOSAL

6.1.3 The outside surface of conduit shall be marked with each of the following:

Items (a) through (e) are unchanged.

f) "~~Outdoor" may be marked on conduit whose separate jacket or integral lining or jacket complies with the weather resistance test requirements in Clauses 5.12.1 - 5.12.2. Conduit that complies but is not marked shall not be acceptable for outdoor use.~~

SR", "Sun Res", or "Sunlight Resistant" may be marked on conduit whose separate jacket or integral lining or jacket complies with the weather resistance test requirements in Clauses 5.12.1 and 5.12.2. Conduit that complies but is not marked shall not be acceptable for use where exposed to direct rays of the sun.

In the United States, "Outdoor" may be additionally marked.

g) It is not prohibited for conduit to be marked "60°C wet", although this is understood without the marking.

h) It is not prohibited for conduit to be marked "60°C oil res" or "60°C oil resistant", although this is understood without the marking.

i) Finished conduit that complies with the Direct-Burial Stiffness Test, in Clause 5.16, may be surface marked "Direct Burial", "Burial", "Dir Burial", or "Dir Bur" and "In U.S.".

j) Finished conduit that complies with the Flame Test in Cable Trays - FT4 per Clause 5.3 may be marked "FT4".