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Contents

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American National Standards

Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC 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 should 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.

⋆ Standard for consumer products

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

ISSN 0038-9633

Comment Deadline: December 9, 2003

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME PTC 19.5-200x, Flow Measurement (revision of ANSI/ASME PTC 19.5-2002)

This document describes techniques of measurement of flow required or recommended by ASME Performance Test Codes. Submitting revision to requirement 12.62, Factors Affecting Fluorescence, of Draft VIII - October 2001 PTC 19.5 Flow Measurement as attached, in order to delete Figure 12.5, Correction Curves for Various Dyes.

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

Send comments (with copy to BSR) to: Marissa Brookes, ASME; brookesm@asme.org

ICC (ASC A117) (International Code Council)

Revisions

BSR/ICC A117.1-200x, Accessible and Useable Buildings and Facilities (revision of ANSI/ICC A117.1-1998)

The purpose of this standard is to establish the minimum requirements to make sites, facilities, buildings and elements accessible to and usable by people with such physical disabilities as the inability to walk, difficulty walking, reliance on walking aids, blindness and visual impairment, deafness and hearing impairment, in coordination, reaching and manipulation disabilities, lack of stamina, difficulty interpreting and reacting to sensory information, and extremes of physical size. The intent of the standard is to allow a person with a physical disability to independently get to, enter, and use a site, facility, building, or element.

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

Send comments (with copy to BSR) to: Larry Brown, ICC; lbrown@intlcode.org

Comment Deadline: November 24, 2003

API (American Petroleum Institute)

New National Adoptions

BSR/API Spec 16A/ISO 13533-2001, Specification for Drill Through Equipment (national adoption with modifications)

Specifies requirements for performance, design, materials, testing and inspection, welding, marking, handling, storing and shipping of drill-through equipment used for drilling for oil and gas. It also defines service conditions in terms of pressure, temperature and wellbore fluids for which the equipment will be designed. It is applicable to and establishes requirements for the following specific equipment: (a) ram blowout preventers; (b) ram blocks, packers and top seals; (c) annular blowout preventers; (d) annular packing units; (e) hydraulic connectors; (f) drilling spools; (g) adapters; (h) loose connections; and (i) clamps.

Single copy price: $25.00

Order from: Andy Radford, API (Organization); radforda@api.org
Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standards

BSR X9.65-200x, Triple Data Encryption Algorithm (TDEA), Implementation Standard (new standard)

Specifies methodologies for the implementation of ANSI X9.52, Triple Data Encryption Algorithm (TDEA) Modes of Operations for the enhanced cryptographic protection of digital information. The modes of operation defined in ANSI X9.52 are specified for both enciphering and deciphering operations. These modes provide a means of extending the effective key space of the ANSI X3.92 Data Encryption Algorithm (DEA). ANSI X9.52 provides multiple modes of operation. This standard will assist system integrators to select and implement the appropriate mode for their organizations.

Single copy price: $40.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org
Send comments (with copy to BSR) to: Same

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

New Standards

BSR T1.724-200x, 3rd Generation Partnership Project - Technical Specification Group Services and System Aspects - 3G Security - Handover Interface for Lawful Interception (Release 5) (new standard)

This specification addresses the handover interfaces for lawful interception of Packet-Data Services, Circuit Switched Services, and Multimedia Services within the UMTS network. The handover interface in this context includes the delivery of Intercept Related Information (H12) and Content of Communication (H13) to the Law Enforcement Monitoring Facility.
Single copy price: $185.00 (Download Price); $164.00 (Paper Copy)

Order from: Aivelis Colon, ATIS (ASC T1); acolon@atis.org
Send comments (with copy to BSR) to: Same

ITI (INCITS)

Revisions

BSR/INCITS 353-200x, Information Technology - Geographical Information Systems - Spatial Data Standard for Facilities, Infrastructure, and Environment (SDSFIE) (revision of ANSI INCITS 353-2001)

The INCITS SDSFIE Standard provides a means to model and categorize real-world geographic phenomena of interest to the Facilities, Infrastructure, and Environment (FIE) Domain(s) into a set of geographic data that can be represented in a spatial database and presented to a user in a digital form. This SDSFIE standard is intended to provide the enterprise spatial database schema to support multiple FIE applications.
Single copy price: $18.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

New National Adoptions

BSR C78.60432.3-200x, Electric Lamps - Incandescent Lamps - Safety Specifications - Part 3: Tungsten halogen lamps (identical national adoption)

This document contains the Chapter 1 United States Deviations to IEC 60432: 3.
Single copy price: $20.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

Revisions

BSR C78.60432.1-200x, Electric Lamps - Incandescent Lamps- Safety Specifications - Tungsten Halogen Lamps for Domestic and Similar General Lighting Purposes - Part 1 (revision of ANSI C78.60432.1-2002)

This document contains the Chapter 1 United States Deviations to IEC 60432: 1-2002.
Single copy price: $20.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

BSR C78.60432.2-200x, Electric Lamps - Incandescent Lamps - Safety Specifications - Part 2 (revision of ANSI C78.60432.2-2002)

This document contains the Chapter 1 United States Deviations to IEC 60432: 2-2002.
Single copy price: $20.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

NEMA (ASC C81) (National Electrical Manufacturers Association)

Revisions

BSR C81.61-200x, Specifications for Bases (Caps) for Electric Lamps (revision, redesignation and consolidation of ANSI C81.61-1990 (R2003))

This standard sets forth the specifications for bases (caps) used on electric lamps.
Single copy price: $202.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

BSR C81.62-200x , Lampholders for Electric Lamps (revision, redesignation and consolidation of ANSI C81.62-1991 (R2003))

This standard sets forth the specifications for lampholders for electric
Single copy price: $144.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

BSR C81.63-200x, Specifications for Gauges for Electric Lamp Bases (Caps) and Lampholders (revision, redesignation and consolidation of ANSI C81.63-1991 (R2003))

This standard sets forth the specifications for gauges for bases (caps) and lampholders for electric lamps.
Single copy price: $262.00

Order from: Randolph Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

NEMA (National Electrical Manufacturers Association)

Revisions

BSR/NEMA 250-200x, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 250-2001)

This Standards Publication covers the classification and description of enclosures for electrical equipment. Enclosures for rotating apparatus have not been included. The primary purpose of this publication is to permit a potential user to determine:

(1) The type of enclosure appropriate for the application;
(2) The features the enclosure is expected to have; and
(3) The tests applied to the enclosure to demonstrate its conformance to the description.

These standards are used by the electrical industry to provide guidelines for the manufacture and proper application of enclosures.

Single copy price: $TBD

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA; dan_threlkel@nema.org

SCTE (Society of Cable Telecommunications Engineers)

New Standards

BSR/SCTE 38-6-200x, Hybrid Fiber/Coax Outside Plant Status Monitoring - SCTE-HMS-GEN-MIB-Management Information Base (MIB) Definition (new standard)

This standard implements the monitored equipment. The “protocol version” implementation will comply with the defined protocol in the SCTE HMS 022 document with the corresponding revision numbers.
Single copy price: Free for electronic versions

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: standards@scte.org

BSR/SCTE 63-200x, Test Method for Voltage Withstand of Outer Jacket (new standard)

This procedure specifies the spark test method to be used in determining if the outer jacket of a coaxial cable will withstand a specified voltage.
Single copy price: Free for electronic versions

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: standards@scte.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 604-17-200x, FOCIS17 - Fiber Optic Connector Intermateability Standard, Type MU (new standard)

(SP-3-0076) Presents the intermateability standard for connectors with the commercial designation MU.
Single copy price: $62.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

Revisions

BSR/TIA 136-000-E-200x, TDMA Third Generation Wireless - List of Parts (revision and redesignation of ANSI/TIA 136-000-D-2002)

This document provides a list of all the parts of ANSI/TIA 136.
Single copy price: $43.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-005-C-200x, TDMA Third Generation Wireless - Introduction, Identification, and Semi-Permanent Memory (revision and redesignation of ANSI/TIA 136-005-B-2001)

This document comprises of a list of brief explanations of terms, processes, and functions used in ANSI/TIA 136.
Single copy price: $47.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-020-E-200x, TDMA Third Generation Wireless - Introduction, Identification, and Semi-Permanent Memory (revision and redesignation of ANSI/TIA 136-020-D-2002)

This document comprises of a list of brief explanations of terms, processes, and functions used in ANSI/TIA 136.
Single copy price: $74.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-030-B-200x, TDMA Third Generation Wireless - R-UIM Overview and Operation (revision and redesignation of ANSI/TIA 136-030-A-2002)

This document describes the Removable-User Identity Module (R-UIM) as an entity that stores and manages the identity of the subscriber and related subscription data as well as personal data.
Single copy price: $47.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-123-E-200x, TDMA Third Generation Wireless - Digital Control Channel Layer Three (revision and redesignation of ANSI/TIA 136-123-D-2002)

This document describes the function of the digital control channel layer three.
Single copy price: $269.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-133-E-200x, TDMA Third Generation Wireless - Digital Traffic Channel Layer Three (revision and redesignation of ANSI/TIA 136-133-D-2002)

This document describes the function of the digital traffic channel layer
Single copy price: $251.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-370-A-200x, TDMA Third Generation Wireless - Enhanced General Packet Data Service (EGPRS-136) (revision and redesignation of ANSI/TIA 136-370-2001)

This document describes how the service subscriber and receibve data in an end-to-end packet mode.
Single copy price: $74.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-376-A-200x, TDMA Third Generation Wireless - Enhanced General Packet Data Service (EGPRS-136) Mobility Management (MM) (revision and redesignation of ANSI/TIA 136-376-2001)

This document specifies EGPRS-136 mobile station functions related to mobility management.
Single copy price: $115.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-377-A-200x, TDMA Third Generation Wireless - Enhanced General Packet Data Service (EGPRS-136) GS Interface Specification (revision and redesignation of ANSI/TIA 136-377-2001)

The GS interface connects the Gateway MSC/VLR and the SGSN in the EGPRS-136 network.
Single copy price: $45.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-440-A-200x, TDMA Third Generation Wireless - Adaptive Multi Rate (AMR) Codec (revision and redesignation of ANSI/TIA 136-440-2001)

This document provides a description of the AMR speech service, including speech coding, channel coding and link adaptation.

Single copy price: $156.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 136-905-A-200x, TDMA Third Generation Wireless - Normative Information (revision and redesignation of ANSI/TIA 136-905-2000)

This document provides information that is normative to the ANSI/TIA 136 standard.
Single copy price: $74.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 570-B-200x, Residential Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA/EIA 570-A-1999, ANSI/TIA/EIA 570-A-1-2002, ANSI/TIA/EIA 570-A-2-2002, ANSI/TIA/EIA 570-A-3-2002)

This recirculation ballot is a result of the comment resolution held on SP-3-3339-RV1.
Single copy price: Free

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 567-200x, Pipe Connectors for Petroleum Products and LP-Gas (bulletin dated 7/28/2003) (new standard)

These requirements cover emergency breakaway fittings, swivel connectors and pipe-connecting fittings of the threadless compression type. Connectors and fittings covered by these requirements are intended only for the following services. Swivel connector is for use in the assembly of dispensing devices to facilitate handling of the hose nozzle valve or lever-operated fuel transfer valve (LP-Gas Service). Emergency breakaway fitting is used between the outlet of the dispensing device and the hose nozzle valve or lever-operated fuel transfer valve (LP-Gas Service).
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Gail Yee, UL-CA, Gail.K.Yee@us.ul.com

BSR/UL 609-200x, Local Burglar Alarm Units and Systems (bulletin dated 9/29/03) (new standard)

These requirements cover construction, performance, and maintenance of local burglar-alarm units and systems for use in mercantile premises, mercantile safes and vaults, and bank safes and vaults.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Sue Contreras, UL-CA, Sue.B.Contreras@us.ul.com

New National Adoptions

★ BSR/UL 60335-2-3-200x, Standard for Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons (identical national adoption)

This International Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Amy Walker, UL-IL; Amy.Walker@us.ul.com

Revisions

BSR/UL 218A-200x, Standard for Battery Contactors for Use in Diesel Engines Driving Centrifugal Fire Pumps (revision of ANSI/UL 218A-1994)

These requirements cover battery contactors for use in the starting systems of diesel engines driving centrifugal fire pumps, in accordance with the Standard for Centrifugal Fire Pumps, NFPA 20. These requirements cover battery contactors for use in starting systems rated 50 volts maximum.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Warren Casper, UL-NC

BSR/UL 790-200x, Standard for Safety for Tests for Fire Resistance of Roof Covering Materials (revision of ANSI/UL 790-1997)

Proposed revisions based on comments received during the canvass of the Seventh Edition of the Standard for Safety for Tests for Fire Resistance of Roof Covering Materials, UL 790, including various editorial clarifications and corrections.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Charles McCall, UL-IL

BSR/UL 814-200x, Gas-Tube-Sign and Ignition Cable (Bulletin dated September 5, 2003) (revision of ANSI/UL 814-2000)

This bulletin removes the integral sleeve requirements proposed as item 1 of the August 30, 2002 bulletin proposing revisions of the UL 814 standard.. The requirements for boots, end caps, integral sleeves, and other items used with UL 814 cable when the cable is installed in signs will more appropriately be proposed for the UL 879 Standard for Electrode Receptacles for Gas-Tube Signs.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Walter Hoffmann, UL-NY; walter.hoffmann@us.ul.com

BSR/UL 867-200x, Electrostatic Air Cleaners (bulletin dated 10/21/03) (revision of ANSI/UL 867-1997)

The requirements cover electrostatic air cleaners rated at 600 volts or less, intended to remove dust and other particles from the air and intended for use in accordance with the National Electrical Code, NFPA 70.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Michael Hieb, UL-CA, michael.j.hieb@us.ul.com

BSR/UL 1008-200x, Transfer Switch Equipment (bulletin dated 10/15/03) (revision of ANSI/UL 1008-2003)

Request for comments on proposed requirements for the fifth edition of the Standard for Transfer Switch Equipment, UL 1008: (1) Opening mechanism for non-automatic transfer switches, (2) Use of non-hand operable switch as the service disconnecting means, (3) Interlocking equipment, (4) Electric interlock circuit wiring, (5) Electric interlocking systems, (6) Alarm and test means for electric interlocking systems, and (7) Simulation of loss of normal supply for automatic transfer switches.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Tim Lupo, UL-NC; Timothy.E.Lupo@us.ul.com

BSR/UL 2079-200x, Standard for Safety for Tests for Fire Resistance of Building Joint Systems (revision of ANSI/UL 2079-1998)

These tests are applicable to joint systems of various materials and construction that are intended for use in linear openings between adjacent fire-resistive structures.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Charles McCall, UL-IL

Comment Deadline: December 9, 2003

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

ASME (American Society of Mechanical Engineers)

Reaffirmations

BSR/ASME B1.5-1997 (R200x), Acme Screw Threads (reaffirmation of ANSI/ASME B1.5-1997)

This standard provides specifications, formulas, and tables relating to Acme screw threads.
Single copy price: $59.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org; CrimiC@asme.org
Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

AWWA (American Water Works Association)

New Standards

BSR/AWWA C561-04-200x, AWWA Standard for Fabricated Stainless Steel Slide Gates (new standard)

This standard describes fabricated stainless steel slide gates with full aperture closure, designed for either seating or unseating head, or both, in ordinary water supply service.
Single copy price: $5.00

Order from: Jim Wailes, AWWA; jwailes@awwa.org
Send comments (with copy to BSR) to: Same

ESTA (ASC E1) (Entertainment Services and Technology Association)

New Standards

BSR E1.25-200x, Recommended basic conditions for measuring the photometric output of stage and studio luminaires by measuring illumination levels produced on a planar surface (new standard)

This document describes the basic conditions for measuring the photometric output of stage and studio luminaires by various testing methods that measure the illumination levels produced by the luminaires on a planar surface.
Single copy price: Free

Order from: Karl G. Ruling, ESTA
Send comments (with copy to BSR) to: Same

IEEE (ASC C37) (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE C37.23-200x, Standard for Metal-Enclosed Bus (new standard)

Covers assemblies of metal-enclosed conductors along with associated interconnections, enclosures, and supporting structures.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.103-200x, Guide for Differential and Polarizing Relay Circuit Testing (new standard)

Covers the tests required to ensure correct connection of differential relays and polarizing circuits of phase and ground relays.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 1137-200x, Guide for the Implementation of Inductive Coordination Mitigation Techniques and Application (new standard)

Offers users assistance in controlling or modifying the inductive environment and the susceptibility of affected wire-line telecommunications facilities in order to operate within the acceptable levels of steady-state or surge-induced voltages of the environmental interface (probe wire) defined by IEEE Std 776.
Single copy price: $104.00 (nonmember); $83.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1394.3-200x, Standard for a High Performance Serial Bus Peer-to-Peer Data Transport Protocol (PPDT) (new standard)

Definition of a peer-to-peer data transport (PPDT) protocol between Serial Bus devices that implement ANSI INCITS 325-1998, Serial Bus Protocol 2.
Single copy price: $78.00 (nonmember); $62.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1451.3-200x, Standard for a Smart Transducer Interface for Sensors and Actuators - Digital Communication and Transducer Electronic Data Sheet (TEDS) Formats for Distributed Multidrop Systems (new standard)

Defines a digital interface for connecting multiple physically separated transducers. Defines the TEDS format, the electrical interface, channel identification protocols, hot swap protocols, time synchronization protocols, and the read and write logic functions used to access the TEDS and transducer data.
Single copy price: $89.00 (nonmember); $71.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1526-200x, Recommended Practice for Testing the Performance of Stand-Alone Photovoltaic Systems (new standard)

Provides test methods and procedures for determining stand-alone PV system performance and conducting design verification. Test procedures provided are intended to assist designers, manufacturers, system integrators, users, and laboratories in conducting these performance tests.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1573-200x, Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance (new standard)

Provides a technical basis for implementation of electronic power subsystems. It is intended for electronic systems engineers and integrators, electronic power subsystem designers and integrators, as well as power element manufacturers and suppliers. It addresses system-level issues in element or subsystem integration, adaptation, and accommodation. It also defines system interface parameters, test methods, and test conditions.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1603-200x, Standard for an Advanced Library Format (ALF) Describing Integrated Circuit (IC) Technology, Cells, and Blocks (new standard)

The Advanced Library Format (ALF) is a modeling language for library elements used in integrated circuit (IC) technology. ALF enables description of electrical, functional, and physical models in a formal language suitable for Electronic Design Automation (EDA) application tools targeted for design and analysis of an IC. Provides rules that describe ALF and how tool developers, integrators, library creators, and library users should use it.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEEE 1484.11.2-200x, Standard for Learning Technology - ECMAScript Application Programming Interface for Content to Runtime Services Communication (new standard)

Describes an ECMAScript application programming interface (API) for content-to-runtime-services communication. Based on an API defined in the CMI Guidelines for Interoperability, version 3.4, defined by the Aviation Industry CBT Committee (AICC). Defines common API services in the ECMAScript language that enable the communication of information between learning-related content and a runtime sevice (RTS) used to support learning management.
Single copy price: $73.00 (nonmember); $58.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Revisions

BSR/IEEE 7-4.3.2-200x, Standard Criteria for Digital Computers in Safety Systems of Nuclear Power Generating Stations (revision of ANSI/IEEE 7-4.3.2-1993)

Serves to amplify criteria in IEEE Std 603-1998 to address the use of computers as part of safety systems in nuclear power generating stations.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 323-200x, Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations (revision of ANSI/IEEE 323-1991 (R1996))

Describes the basic requirements for qualifying Class 1E equipment and interfaces that are to be used in nuclear power generating stations. The principles, methods and procedures described are intended to be used for qualifying equipment, maintaining and extending qualification, and updating qualification, as required, if the equipment is modified.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 524-200x, Guide to the Installation of Overhead Transmission Line Conductors (revision of ANSI/IEEE 524-1993 (R1998))

Provides general recommendations for the selection of methods, equipment, and tools that have been found to be practical for the stringing of overhead transmission line conductors and overhead groundwires.

Single copy price: N/A

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Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.26-200x, Guide for Methods of Power-Factor Measurement for Low-Voltage Inductive Test Circuits (revision of ANSI/IEEE C37.26-1991 (R1997))

Describes three methods used in the measurement of the power factor of inductive low-voltage (1000 V and less) test circuits. These methods are: (1) Radio method, (2) dc decrement method, and (3) Phase relationship method.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.40-200x, Standard Service Conditions and Definitions for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories (revision of ANSI/IEEE C37.40-1993)

Applies to high-voltage (above 1000 V) fuses and equipment. This includes distribution class and power class fuses, distribution class enclosed single-pole air switches, distribution class and power class fuse disconnecting switches, and associated accessories that are intended for use on ac distribution systems.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Supplements

BSR/IEEE 802.3aj-2003, Local and Metropolitan Area Networks - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Maintenance #7 (supplement to ANSI/IEEE 802.3-2002)

Contains the set of maintenance requests for IEEE 802.3-2003 accumulated in the latest maintenance period.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 802.11h-2003, Local and Metropolitan Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Spectrum and Transmit Power Management Extensions in the 5 GHz Band in Europe (supplement to ANSI/IEEE 802.11-1999)

Defines mechanisms for dynamic frequency selection (DFS) and transmit power control (TPC) that may be used to satisfy regulatory requirements for operation in the 5 GHz band in Europe.
Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Reaffirmations

BSR/IEEE 48-1996 (R200x), Standard Test Procedures and Requirements for Alternating-Current Cable Terminations 2.5 kV Through 765 kV (reaffirmation of ANSI/IEEE 48-1996)

Covers all indoor and outdoor cable terminations used on alternating-current cables having laminated or extruded insulation rated 2.5 kV through 765 kV, except separable insulated connectors, which are covered by IEEE Std 386.
Single copy price: $92.00 (nonmember); $74.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 122-1992 (R200x), Recommended Practice for Functional and Performance Characteristics of Control Systems for Steam Turbine-Generator Units (reaffirmation of ANSI/IEEE 122-1992 (R1997))

Recommends functional and performance characteristics related to speed/load-control systems for steam turbine-generator units that may be interconnected on a power system, such that this recommended practice may be included in prime-mover purchase specifications.
Single copy price: $104.00 (nonmember); $83.00 (member)

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Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 211-1997 (R200x), Standard Definitions of Terms for Radio Wave Propagation (reaffirmation of ANSI/IEEE 211-1997)

Defines terms and definitions used in the context of electromagnetic wave propagation relating to the fields of telecommunications, remote sensing, radio astronomy, optical waves, plasma waves, the ionosphere, the magnetosphere, and magnetohydrodynamic, acoustic, and electrostatic waves.
Single copy price: $96.00 (nonmember); $77.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 485-1997 (R200x), Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications (reaffirmation of ANSI/IEEE 485-1997)

Describes methods for defining the dc load and for sizing a lead-acid battery to supply that load for stationary battery applications in full float operations.

Single copy price: $92.00 (nonmember); $74.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 776-1993 (R200x), Recommended Practice for Inductive Coordination of Electric Supply and Communication Lines (reaffirmation of ANSI/IEEE 776-1993 (R1998))

Addresses the inductive environment that exists in the vicinity of electric power and wire-line telecommunications systems and the interfering effect that may be produced thereby; guidance is offered for the control or modification of the environment and the susceptibility of the affected systems in order to maintain an acceptable level of interference.
Single copy price: $120.00 (nonmember); $96.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1156.1-1993 (R200x), Standard Microcomputer Environmental Specifications for Computer Modules (reaffirmation of ANSI/IEEE 1156.1-1993)

Fundamental information on minimum environmental withstand conditions is provided. Intended to be used in those cases in which a generic or detail specification for a certain module has been prepared. Intent is to achieve uniformity and reproducibility in the test conditions for all modules that may make up larger systems and are purported to have a rated environmental performance level.

Single copy price: $95.00 (nonmember); $75.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1156.2-1996 (R200x), Standard for Environmental Specifications for Computer Systems (reaffirmation of ANSI/IEEE 1156.2-1996)

Contains minimum environmental withstand conditions applicable to computer systems and all of their associated components.
Single copy price: $92.00 (nonmember); $74.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1301.3-1993 (R200x), Standard for a Metric Equipment Practice for Microcomputers - Convection-Cooled with 2.5 mm Connectors (reaffirmation of ANSI/IEEE 1301.3-1993 (R1997))

Dimension requirements are presented for subracks, plug-in units, printed boards, and backplanes to be used in conjunction with IEEE Std 1301 and with a 2.5 mm connector as defined in IEC 48B (Central Office) 245.
Single copy price: $101.00 (nonmember); $81.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1299/C62.22.1-1996 (R200x), Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems (reaffirmation of ANSI/IEEE 1299/C62.22.1-1996)

Suggests surge arrester installation methods at distribution cable terminal poles in order to minimize the total impressed transient voltage on medium-voltage distribution cables.
Single copy price: $93.00 (nonmember); $75.00 (member)

Order from: IEEE Customer Service: 800-678-4333; http://shop.ieee.org/store/
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revisions

BSR C136.16-200x, Roadway and Area Lighting Equipment - Socket Support Assemblies for Metal Heads - Mechanical Interchangeability (revision and redesignation of ANSI C136.9-1990 (R1997))

This standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed, post top-mounted luminaires whose center of mass is approximately over the mounting tenon.

Single copy price: $25.00

Order from: Ronald Runkles, NEMA (ASC C136); ron_runkles@nema.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

IEEE (Institute of Electrical and Electronics Engineers)

BSR/IEEE 1137-1992 (R200x), Implementation of Inductive Coordination Mitigation Techniques and Applications (reaffirmation of ANSI/IEEE 1137-1992)

Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

Trial use period: December 1, 2003 through June 30, 2005

IEEE (Institute of Electrical and Electronics Engineers)

BSR/IEEE 1521-2003, Trial-Use Standard for Measurements of Video Jitter and Wander (Draft Standard for Trial Use) (trial use standard)

Defines a set of measurements to provide metrics to quantify the timing perturbations of a video signal's synchronization information. Allows the creation of instrumentation technology for consistent measurements of video-related time-interval errors.
Single copy price: $70.00 (nonmember); $57.00 (member)

Order from: IEEE Customer Service, 800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@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:

API (Organization)
American Petroleum Institute
1220 L Street, N.W.
Washington, DC 20005
Phone: (202) 682-8584

Fax: (202) 962-4797
Web: www.api.org

ASC X9
American Bankers Association
P.O. Box 4035
Annapolis, MD 21403
Phone: (410) 267-7707
Fax: (410) 663-7554
Web: www.9.org

ASME
American Society of Mechanical Engineers
Three Park Avenue, M/S 20N1
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ATIS (ASC T1)
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1200 G Street NW, Suite 500
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AWWA
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6666 West Quincy Avenue
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Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515
Web: www.comm-2000.com

ESTA (ASC E1)
Entertainment Services and Technology Association
875 Sixth Avenue, Suite 1005
New York, NY 10001
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

Global Engineering Dcouments
Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

IEEE
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445 Hoes Lane, P.O.Box 1331
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Web: www.9.org

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AWWA
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6666 West Quincy Avenue
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Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

ESTA (ASC E1)
Entertainment Services and Technology Association
875 Sixth Avenue, Suite 1005
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Fax: (212) 244-1502
Web: www.esta.org

ICC
International Code Council
5203 Leesburg Pike Suite 600
Falls Church, VA 22041-3401
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Fax: (703) 379-1546
Web: www.iccsafe.org/index.html

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Web: www.scte.org

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UL-CA
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UL-IL
Underwriters Laboratories, Inc.
333 Pfingsten Road
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Phone: (703) 272-8800
Fax: (703) 509-6217

UL-NC
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: (919) -549-1543
Fax: (919) 547-6185

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200, Ext. 22564
Fax: (631) 439-6021

Final actions on American National Standards

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

AGMA (American Gear Manufacturers Association)

Revisions

ANSI/AGMA 2005-D03, Design Manual for Bevel Gears (revision of ANSI/AGMA 2005-C96): 9/30/2003

ASAE (American Society of Agricultural Engineers)

New National Adoptions

ANSI/ASAE S278.7-2003, Attachment of Implements to Agricultural Wheel Tractors Equipped with Quick-Attaching Coupler (national adoption with modifications): 10/7/2003

ASTM (ASTM International)

New Standards

ANSI/ASTM D6920-2003, Test Method for Total Sulfur in Naphthas, Distillates, Reformulated Gasolines, Diesels, Biodiesels, and Motor Fuels by Oxidative Combustion and Electrochemical Detection (new standard): 9/10/2003

★ ANSI/ASTM F1352 -2003, Guide for Fixed Blade Broadhead Performance and Safety Standards (new standard): 10/7/2003

★ ANSI/ASTM F1543 -2003, Specification for Shock Attenuation Properties of Fencing Surfaces (new standard): 10/7/2003

★ ANSI/ASTM F1646-2003, Test Method for Organic Matter Content of Putting Green and Sport Turf Root Zone Mixes (new standard): 8/10/2003

ANSI/ASTM F2263-2003, Test Method for Evaluating the Oxidative Resistance of Polyethylene (PE) Pipe to Chlorinated Water (new standard): 9/10/2003

Reaffirmations

ANSI/ASTM F1743-1996 (R2003), Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP) (reaffirmation of ANSI/ASTM F1743-1996): 2/10/2003

ANSI/ASTM F1797-1998 (R2003), Test Method for Acoustic Emission Testing of Insulated Digger Derricks (reaffirmation of ANSI/ASTM F1797-1998): 9/10/2003

★ ANSI/ASTM F1832-1997 (R2003), Test Method Determining the Force-Draw and Let-Down Curves for Archery Bows (reaffirmation of ANSI/ASTM F1832-1997): 10/7/2003

Revisions

ANSI/ASTM D524-2003, Test Method for Ramsbottom Carbon Residue of Petroleum Products (revision of ANSI/ASTM D524-2000): 9/10/2003

ANSI/ASTM D2513-2003, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2003): 9/10/2003

ANSI/ASTM D2622-2003, Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry (revision of ANSI/ASTM D2622-1998): 9/10/2003

ANSI/ASTM D3035-2003, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (revision of ANSI/ASTM D3035-2001): 9/30/2003

ANSI/ASTM F914-2003, Test Method for Acoustic Emission for Insulated Aerial Personnel Devices (revision of ANSI/ASTM F914-1998): 9/10/2003

★ ANSI/ASTM F1363-2003, Guide for Reduction of Risk of Injury for Archery Overdraws (revision of ANSI/ASTM F1363-1997): 10/7/2003

ANSI/ASTM F1430-2003, Test Method for Acoustic Emission Testing of Insulated Aerial Personnel Devices with Supplemental Load Handling Attachments (revision of ANSI/ASTM F1430-1998): 9/10/2003

★ ANSI/ASTM F1436-2003, Guide for Center Serving Diameter Dimensions for Archery Bow Strings (revision of ANSI/ASTM F1436-92 (R1998)): 10/7/2003

★ ANSI/ASTM F1447-2003, Specification for Helmets Used in Recreational Bicycling or Roller Skating (revision of ANSI/ASTM F1447-1999): 10/7/2003

ANSI/ASTM F2019-2003, Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP) (revision of ANSI/ASTM F2019-2000): 9/10/2003

★ ANSI/ASTM F2040-2003, Specification for Helmets Used in Recreational Snow Sports (revision of ANSI/ASTM F2040-2000): 10/7/2003

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI T1.803-1998 (R2003), Telecommunications - Overview and Reference for GSTN Multimedia Terminals (reaffirmation of ANSI T1.803-1998): 9/30/2003

AWS (American Welding Society)

Revisions

ANSI/AWS D15.2-2003, Recommened Practice for the Welding of Rails and Related Rail components for Use by Rail Vehicles (revision of ANSI/AWS D15.2-1994): 10/7/2003

AWWA (American Water Works Association)

Revisions

ANSI/AWWA C110/A21.10-2003, Ductile-Iron and Gray-Iron Fittings for Water (revision of ANSI/AWWA C110/A21.10-1998): 10/7/2003

CAP (College of American Pathologists)

New Standards

ANSI/CAP SNOMED-1-2003, Healthcare Terminology Structure (new standard): 9/30/2003

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

New Standards

ANSI N323B-2003, Installed Radiation Protection Instrumentation Test and Calibration - Portable Survey Instruments for Near Background Operation (new standard): 9/30/2003

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revisions

ANSI/NB 23-2003, National Board Inspection Code, Addendum 2003 (revision of ANSI/NB 23-2002): 9/30/2003

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

ANSI C78.81-2003, Fluorescent Lamps - Double Based - Dimensional and Electrical Characteristics (revision of ANSI C78.81-2001): 10/7/2003

NISO (National Information Standards Organization)

New Standards

ANSI/NISO Z39.89-2003, The U.S. National Z39.50 Profile for Library Applications (new standard): 10/7/2003

SCTE (Society of Cable Telecommunications Engineers)

New Standards

ANSI/SCTE 52-2003, Data Encryption Standard Cipher Block Chaining Packet Encryption (new standard): 10/7/2003

SDI (ASC A250) (Steel Door Institute)

Revisions

ANSI A250.6-2003, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.6-1997): 10/7/2003

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards (January 2003 edition).

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from ANSI-accredited standards developers that utilize the periodic maintenance option in connection with their standards. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for comparable information with regard to standards maintained under the continuous maintenance option. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

ASME (American Society of Mechanical Engineers)

Office: Three Park Avenue, M/S 20N1
New York, NY 10016

Contact: *Silvana Rodriguez*

Fax: (212) 591-8501

E-mail: rodriguezs@asme.org; CrimiC@asme.org

BSR/ASME B1.25-200x, Measurement Uncertainty for Screw Thread Gage Measurement (Inch and Metric) (new standard)

Provides the introduction, scope, definitions, estimates of measurement uncertainty, and application.

CSA (ASC Z21/83) (CSA America, Inc.)

Office: 8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Contact: *Allen Callahan*

Fax: (216) 642-3463

E-mail: al.callahan@csa-america.org;
Jennifer.Henderson@csa-america.org

BSR Z21.41a-200x, Quick Disconnect Devices for use with Gas Fuel Appliances (same as CSA 6.9a) (revision of ANSI Z21.41a-1998)

Details test and examination of criteria for hand-operated devices which provide means for connecting and disconnecting gas-fired appliances or gas appliance connectors to gas supplies and which are for use under indoor or outdoor applications. These devices are equipped with automatic means to shut off gas flow when disconnected.

BSR Z21.89-200x, Outdoor Cooking Specialty Cooking Appliances (revision of ANSI Z21.89-2000, ANSI Z21.89a-2003, BSR Z21.89b-200x)

Details test and examination of criteria for outdoor cooking specialty gas appliances which may be a fryer/broiler; smoker; table top grill; or any combination of the above, for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such outdoor cooking specialty gas appliances are classified as portable. The products are not intended for commercial gas use.

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Ronald Runkles*

Fax: (703) 841-3378

E-mail: ron_runkles@nema.org

BSR C136.24-200x, Roadway and Area Lighting - Non-locking Type Photocontrols (new standard)

This standard covers the electrical and mechanical interchangeability of non-locking type photocontrols for mounting within roadway or off-roadway luminaires. These controls are commonly called “button” photocontrols.

BSR C136.29-200x, Roadway and Area Lighting - Metal Halide Lamps - A Guide for Selection (new standard)

This standard will list the applicable metal halide lamps used for roadway and area lighting applications.

BSR C136.34-200x, Roadway and Area Lighting - Vandal Resistant Shields (new standard)

This standard covers supplementary vandal-resistant shields used to protect luminaires and luminaire accessories used for roadway and area lighting applications.

NFPA (ASC B93) (National Fluid Power Association)

Office: 3333 North Mayfair Road
June VanPinsker
Milwaukee, WI 53222-3219

Contact: *June VanPinsker*

Fax: (414) 778-3361

E-mail: jvanpinsker@nfpa.com

BSR/(NFPA) T2.12.5R1-200x, Information report - Fluid power - Laboratory guidelines (new standard)

This information report includes the following items: an accumulation of various practices and procedures for fluid power testing laboratories; references to or excerpts from published technical literature applicable to fluid power testing laboratories; and a subject index. This information report is not intended to be a comprehensive guide to designing and operating a laboratory, but rather as a document with any or all portions optional to the user.

BSR/(NFPA) T3.10.4R1-200x, Hydraulic fluid power - Filters and separators - Graphic symbols supplement (new standard)

This standard is intended to update graphic symbols applicable to hydraulic fluid power filters and separators as applied to hydraulic fluid power systems that are not currently listed in ANSI/Y32.10.

BSR/(NFPA) T3.5.15 R1-200x, Hydraulic fluid power - Valves - Method for determining the internal leakage characteristics (new standard)

This standard specifies procedures for the determination of leakage characteristics of any hydraulic fluid power valve, and is intended to provide a uniform laboratory procedure for obtaining and reporting the fluid flow across a valve element that is considered blocked.

BSR/(NFPA) T3.5.29 R1-200x, Hydraulic fluid power solenoid-piloted industrial valves - Interface dimensions for electrical connectors (new standard)

This standard includes electrical plug-type connector interface dimensions and configurations (not intended for current interruption) used with a single or double electrically controlled fluid power control valve used in industrial (in-plant) applications. This standard is intended to simplify variety and facilitate installation and servicing and to promote interchangeability and greater use of electrically controlled fluid power controls. This standard applies to the dimensional criteria pin usage and installation requirements of products manufactured in conformance with this standard. It does not fully define their functional characteristics.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341

Contact: *Robin Fenton*

E-mail: rfenton@scte.org

BSR/SCTE HMS 134-200x, HMS Inside Plant - HMTS Theory of Operation (TOO) (new standard)

This document contains information about the background of the Hybrid Management Termination System (HMTS). This document is a companion document for the HMTS MIB, and does not replace the MIB. Although this document has been written to be consistent with the HMTS MIB, in case there would be any conflicts between these two documents, the MIB is the reference.

UL (Underwriters Laboratories, Inc.)

Office: 1655 Scott Boulevard
Santa Clara, CA 95050

Contact: *Kristin Andrews*

Fax: (408) 556-6045

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

BSR/UL 1971-200x, Signaling Devices for the Hearing Impaired (new standard)

These requirements cover emergency-signaling devices for the hearing impaired. The devices and/or systems covered by this standard are suitable for use in a controlled environment, or in an uncontrolled environment as indicated in the product marking.

BSR/UL 2075-200x, Gas and Vapor Detectors and Sensors (new standard)

These requirements cover toxic and combustible gas and vapor detectors and sensors intended to be portable or employed in indoor or outdoor locations.

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

Office: 1900 Arch Street
Philadelphia, PA 19103-1498

Contact: *Peter Michener*

Fax: (215) 963-9785

E-mail: pmichener@fernley.com

ANSI O1.1-2003, Woodworking - Safety Requirement (revision of ANSI O1.1-1992 (R2002))

This standard covers the safety requirements for the design, installation, care and use of woodworking machinery and accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7kw) or greater, or having 3-phase wiring.

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.

- AAMVA
- AGRSS
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NBBPVI
- NSF International
- TIA
- 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 http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/.

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

Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
phone: (800) 854-7179
fax: (303) 379-7956
e-mail: global@ihs.com
web: http://global.ihs.com

ISO Standards

CRYOGENIC VESSELS (TC 220)

ISO/DIS 24490, Cryogenic vessels - Pumps for cryogenic service - 1/1/2004, $46.00

FIRE SAFETY (TC 92)

ISO/DIS 19701, Fire safety - Sampling and analytical methods for fire effluents - 1/3/2004, $121.00

GAS CYLINDERS (TC 58)

ISO/DIS 20703, Gas cylinders - Refillable welded aluminium alloy gas cylinders - Design, construction and testing - 1/3/2004, $97.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO/DIS 9825, Hydrometry - Flow determination in open channels - Field measurement of discharge in large rivers and floods - 1/3/2004, $33.00

PHOTOGRAPHY (TC 42)

ISO/DIS 15740, Photography - Electronic still picture imaging - Picture transfer protocol (PTP) for digital still photography devices - 1/2/2004, $121.00

ROAD VEHICLES (TC 22)

ISO/DIS 9130, Motorcycles - Measurement method for location of centre of gravity - 1/3/2004, $51.00

STEEL (TC 17)

ISO/DIS 20723, Structural steels - Surface condition of hot-rolled sections - Delivery requirements - 1/2/2004, $39.00

STEEL WIRE ROPES (TC 105)

ISO/DIS 21669, Steel wire ropes - Determination of rotational properties - 1/2/2004, $26.00

IEC Standards

3D/117/FDIS, Amendment 1 to IEC 61360-2: Standard data element types with associated classification scheme for electric components - Part 2: EXPRESS dictionary scheme, 11/28/2003

15C/1532/FDIS, IEC 62011-2, Ed. 1: Insulating materials - Industrial, rigid, moulded, laminated tubes and rods of rectangular and hexagonal cross-section, based on thermosetting resins for electrical purposes - Part 2: Methods of test, 11/28/2003

15E/221/FDIS, IEC 60216-6, Ed. 1: Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTE) of an insulating material using the fixed time frame method, 11/28/2003

15E/222/FDIS, IEC 61006, Ed. 2: Electrical insulating materials - Methods of test for the determination of the glass transition temperature, 11/28/2003

20/649/FDIS, Amendment 2 to iec 60811-3-2 ed.1: Insulating and sheathing materials of electric and optical cables - Common test methods, 11/28/2003

20/650/FDIS, Amendment 1 to IEC 60811-5-1 Ed.1: Insulating and sheathing materials of electric and optical cables - Common test methods, 11/28/2003

20/651/FDIS, Amendment 2 to IEC 60245-6, Ed. 2: Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 6: Arc welding electrode cables, 11/28/2003

31/474/FDIS, IEC 60079-0, Ed.4: Electrical apparatus for explosive gas atmospheres - Part 0: General requirements, 11/28/2003

45A/507/FDIS, 62138 Ed. 1: Nuclear power plants - Instrumentation and control for systems important to safety - Software for computer-based I&C systems supporting category B or C functions, 11/28/2003

78/547/FDIS, Live working - Hand tools for use up to 1000 V A.C and 1500 V D.C., 11/28/2003

86B/1890/FDIS, IEC 61753-053-3 Ed 1.0: Fibre optic interconnecting devices and passive components performance standard - Part 053-3: Continuously variable attenuators for category U - Uncontrolled environment, 11/28/2003

101/162/FDIS, IEC 61340-4-1 Ed.2: Electrostatics - Part 4-1: Standard test methods for specific applications Electrical resistance of floor coverings and installed floors, 11/28/2003

3D/120/FDIS, Amendment 1 to IEC 613601: Standard data element types with associated classification scheme for electric components - Part 1: Definitions - Principles and methods, 12/05/2003

9/780/FDIS, Railway applications - Traction transformers and inductors on board rolling stock, 12/05/2003

16/419/FDIS, IEC 60447, Ed. 3: Basic and safety principles for man-machine interface, marking and identification - Actuating principles, 12/05/2003

26/272/FDIS, 60974-8 Ed. 1: Arc welding equipment - Part 8: Gas consoles for welding and plasma cutting systems, 12/05/2003

31/474A/FDIS, REVISED IEC 60079-0, Ed.4: Electrical apparatus for explosive gas atmospheres - Part 0: General requirements, 11/28/2003

33/400/FDIS, IEC 60143-1, Ed.4: Series capacitors for power systems - Part 1: General, 12/05/2003

45B/430/FDIS, 61582 Ed. 1: Radiation protection instrumentation - In vivo counters - Classification, general requirements and test procedures for portable, transportable and installed equipment, 12/05/2003

46A/582/FDIS, IEC 61196-4: Coaxial communication cables - Part 4: Sectional specification for radiating cables, 12/05/2003

61/2490/FDIS, IEC 61770-A1 Ed 1.0: Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets, 12/05/2003

65B/513/FDIS, IEC 60873-2: Electrical and pneumatic analogue chart recorders for use in industrial process control systems - Part 2: Guidance for inspection and routine testing, 12/05/2003

100/717/FDIS, IEC 61920: Infrared free air applications, 12/05/2003

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.

Weblinks are now provided from Standards Action to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.

PLASTICS (TC 61)

ISO 3597-3:2003, Textile-glass-reinforced plastics - Determination of mechanical properties on rods made of roving-reinforced resin - Part 3: Determination of compressive strength, $30.00

ISO 3597-4:2003, Textile-glass-reinforced plastics - Determination of mechanical properties on rods made of roving-reinforced resin - Part 4: Determination of apparent interlaminar shear strength, $30.00

ROAD VEHICLES (TC 22)

ISO 6622-2:2003, Internal combustion engines - Piston rings - Part 2: Rectangular rings made of steel, $71.00

ISO 6624-4:2003, Internal combustion engines - Piston rings - Part 4: Half keystone rings made of steel, $63.00

CEN/CENELEC Standards Activity

Competitive Excellence Through Standardization Technology

This section provides information on standards activity within CEN - the European Committee for Standardization - and CENELEC - the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

Ordering Instructions

ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at www.ansi.org.

prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at sales@ansi.org and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.

CEN

European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

prEN 511 REVIEW, Protective gloves against cold - 3/2/2004, $38.00

prEN 1886 REVIEW, Ventilation for buildings - Air handling units - Mechanical performance - 3/2/2004, $56.00

prEN 10319-2, Metallic materials - Tensile stress relaxation testing - Part 2: Procedure for bolted joint models - 3/2/2004, $50.00

prEN 10337, Zinc and zinc alloy coated prestressing steel wires and strands - 3/2/2004, $64.00

prEN 12098-5, Controls for heating systems - Part 5: Start-Stop schedulers for heating systems - 3/2/2004, $54.00

prEN 13053 REVIEW, Ventilation for buildings - Air handling units - Rating and performance for units, components and sections - 3/2/2004, $76.00

prEN 14798, Glass packaging - Hand-held crown bottle openers - Specification - 3/2/2004, $26.00

prEN 14798, Explosion venting devices - 3/2/2004, $60.00

prEN 14800, Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels - 3/2/2004, $76.00

prEN 14801, Conditions for pressure classification of products for water and waste water pipelines - 3/2/2004, $54.00

prEN 14802, Plastic piping systems - Plastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading - 3/2/2004, $26.00

prEN 14803, Identification and/or determination of the quantity of waste - 3/2/2004, $76.00

prEN 14804, Language study providers - 3/2/2004, $35.00

European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

prEN 12101-1, Smoke and heat control systems - Part 1: Specification for smoke barriers

prEN 13287 REVIEW, Safety, protective and occupational footwear for professional use - Test method for the determination of slip resistance

prEN 13763-25, Explosives for civil uses - Detonators and relays - Part 25: Determination of Capacity of relay and coupling accesories

prEN 13779, Ventilation for non-residential buildings - Performance requirements for ventilation and room-conditioning systems

prEN 13877-1, Concrete pavements - Part 1: Materials

prEN 13911, Protective clothing for firefighters - Requirements and test methods for fire hoods for firefighters

prEN 14081-3, Timber structures - Strength graded structural timber with rectangular cross section- Part 3: Machine Grading - Additional requirements for factory production control

prEN 14322, Wood based panels - Melamine faced boards for interior uses - Definition, requirements and classification

prEN 14323, Wood based panels - Melamine faced boards for interior uses - Test methods

prEN ISO 1183-1, Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pyknometer method and titration method (ISO/FDIS 1183-1: 2003)

prEN ISO 3170 REVIEW, Petroleum liquids - Manual sampling (ISO/FDIS 3170: 2002)

prEN ISO 6940 REVIEW, Textile fabrics - Burning behaviour - Determination of ease of ignition of vertically oriented specimens (ISO/FDIS 6940: 2003)

prEN ISO 11446 REVIEW, Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 13-pole connectors for vehicles with 12 V nominal supply voltage (ISO/FDIS 11446: 2003)

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) 642-4975.

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

Biosense Webster

Organization: Biosense Webster (Israel), Ltd., a Johnson & Johnson company
7 Etgar Street, Einstein Bldg.
P.O.B. 2009, Tirat HaCarmel, 39120 Israel
Contact: Mooly Auerbach
PHONE: +972 4 8 131111
FAX: +972 4 8 131112
E-mail: mauerbac@bwill.jnj.com

Public Review: August 29, 2003 to November 27, 2003

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 members 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, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to http://ts.nist.gov/ncsci and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - ncsci@nist.gov.

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

Information Concerning

American National Standards

Corrections to Contact Information

In the 10/3/03 issue of Standards Action, the names of some of the contacts for the BSR/UL standards in the PINS section were missing. The following information is accurate:

BSR/UL 96A-200x, Installation Requirements for Lightning Protection Systems (new standard), Contact: Tori Burnett, Victoria.Burnett@us.ul.com

BSR/UL 567-200x, Pipe Connectors for Petroleum Products and LP-Gas (new standard), Contact: Gail Yee, Gail.K.Yee@us.ul.com

BSR/UL 609-200x, Local Burglar Alarm Units and Systems (new standard), Contact: Jeline Gonzaga, Jeline.Gonzanga@us.ul.com

BSR/UL 1559-200x, Insect-Control Equipment - Electrocution Type (new standard), Contact: Tori Burnett, Victoria.Burnett@us.ul.com

We are sorry for any inconvenience this error might have caused.

U.S. Technical Advisory Groups

Approval of Accreditation

ISO/TC 223 - Civil Defence

The Executive Standards Council has approved the accreditation of the U.S. Technical Advisory Group to ISO/TC 223, Civil Defence, and the National Fire Protection Association (NFPA) as TAG Administrator, effective October 2, 2003. For additional information, please contact: Mr. Casey C. Grant, AVP, Codes & Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-9101; PHONE: (617) 984-7241; FAX: (617) 770-3500; E-mail: cgrant@nfpa.org.

Revise PTC 19.5 –2002

12.62 Factors Affecting Fluorescence

Several factors may affect the fluorescence of the sample: temperature, pH, tracer quenching, and air bubbles in the sample stream. This effect is significant. Cooler temperatures increase the fluorescence—for example, operating 15 C cooler than than standard conditions raises the fluorescence by ~60% in some dyes. Likewise, operating 15 C hotter than standard may lower the fluorescence by ~36%. Temperature-correction curves must be used when measurements are taken at varying temperatures. Correction equations have been developed for various dyes; these are given in equation 12.6 and Table 12.1

$$F = F_s \, e^{n(T-T_s)} \qquad 12.6$$

Where Fs = fluorescence at standard temperature, deg C
F = fluorescence at sample temperature, deg C

Dye	**n** , 1/deg C
Rhodamine WT	-0.0267
Pontacyl pink	-0.0285
Fluorescein	-0.0036
Acid Yellow 7	-0.00462

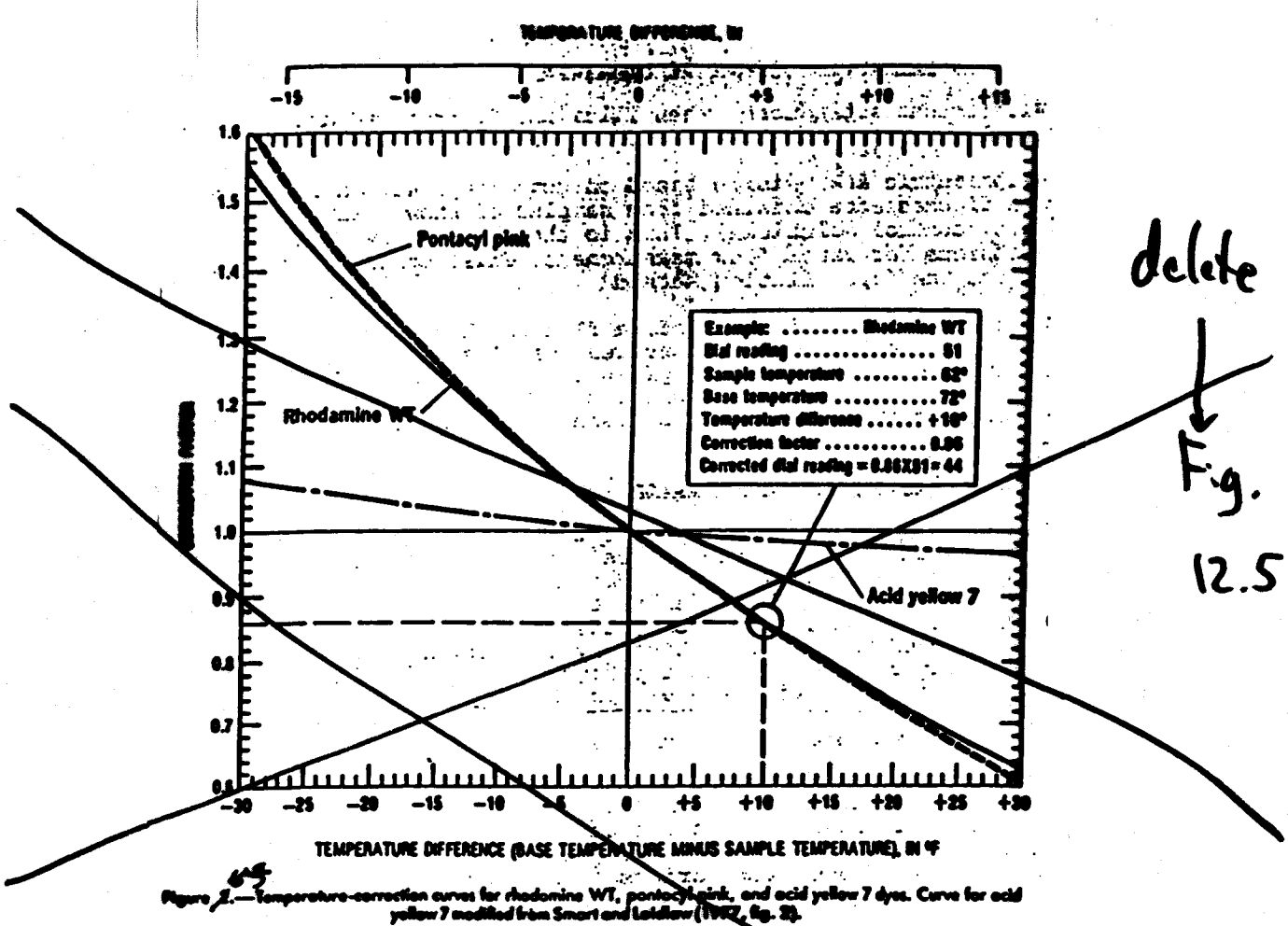

Figure 2.—Temperature-correction curves for rhodamine WT, pontacyl pink, and acid yellow 7 dyes. Curve for acid yellow 7 modified from Smart and Laidlaw (1977, fig. 3).

delete

Fig. 12.5

$F_s = F \exp[n(t_s - t)]$

Where F_s = Fluorescence at standard temperature t_s
F = Fluorescence at sample temperature t

From Ref [4] of PTC 19.5

FIGURE 12.5 CORRECTION CURVES FOR VARIOUS DYES

ICC A117.1 Revised Text

802.10.1 Horizontal Dispersion. Wheelchair space locations shall be dispersed horizontally to provide viewing options. Locations shall be separated by a minimum of 10 intervening seats. Two wheelchair spaces shall be permitted to be located side-by-side.

Exception: In venues where wheelchair space locations are provided on only one side or on two opposite sides of the performance area or playing field, horizontal dispersion is not required where the wheelchair space locations are within the 2nd or 3rd quartile of the total row length. The wheelchair space locations and companion seats shall be permitted to overlap into the 1st and 4th quartile of the total row length if the 2nd and 3rd quartile of the row length does not provide the required length for the wheelchair space locations and companion seats. Any intermediate aisles shall be included in determining the total row length.