

ANSI STANDARDS ACTION

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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

Comment Deadline: September 21, 2003

NSF (NSF International)

Revisions

BSR/NSF 53-200x (i35), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2002a)

Issue 35: To clarify the definition of the test water for the 8.5 pH mercury reduction testing.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: T. Duncan Ellison, NSF, c/o Lorna Badman

SPI (The Society of the Plastics Industry, Inc.)

Revisions

BSR/SPI B151.15-2003, Extrusion Blowmolding Machines - Safety Requirements for Manufacture Care and Use (revision of ANSI/SPI B151.15-2000)

Applies to all extrusion blowmolding machines that process plastic materials to form a parison that is blown into the shape of a mold held together by a clamp(s).

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Walt Bishop, SPI; wbishop@socplas.org

Comment Deadline: October 6, 2003

AGA (ASC Z380) (American Gas Association)

Revisions

BSR/GPTC Z380.1-200x, GPTC Guide for Gas Transmission and Distribution Piping Systems, 2003 (revision of ANSI/GPTC Z380.1-1998)

Provides a model set of design recommendations, material reference, and recommended practices relating to compliance with the Federal Natural Gas Pipeline Safety Regulations, Title 49 CFR Parts 191, and 192.

Single copy price: \$10.00

Order from: Paul Gustilo, AGA (ASC Z380); pgustilo@aga.org
Send comments (with copy to BSR) to: Same

ASA (ASC S3) (Acoustical Society of America)

New National Adoptions

BSR S3.32-200X ISO 5805:1997, Mechanical vibration and shock - Human exposure - Vocabulary (identical national adoption and revision of ANSI S3.32-1982 (R1999))

Defines terms relating to human biodynamics or which are used in specific contexts in other standards pertaining to the evaluation of human exposure to mechanical vibration and shock. It provides standard definitions of terms and supplements ANSI S2.1-2000/ISO 2041: 1990, but does not contain general terms readily found in dictionaries.

Single copy price: \$76.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org
Send comments (with copy to BSR) to: Same

Reaffirmations

BSR S3.1-1999 (R200x), Maximum Permissible Ambient Noise Levels for Audiometric Testing (reaffirmation of ANSI S3.1-1999)

Specifies maximum permissible ambient noise levels (MPANLs) allowed in an audiometric test room that produce negligible masking (<2 dB) of test signals presented at reference equivalent threshold levels specified in ANSI S3.6-1996. The MPANLs are specified from 125 to 8000 Hz in octave and one-third octave band intervals for two audiometric testing conditions (ears covered and ears not covered) and for three test frequency ranges (125 to 8000 Hz, 250 to 8000 Hz, and 500 to 8000 Hz).
Single copy price: \$100.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S3.7-1995 (R200x), Method for Coupler Calibration of Earphones (reaffirmation of ANSI S3.7-1995 (R1999))

The physical configuration and acoustical performance of couplers for calibration of supra-aural and insert earphones are specified. The standard, which is a revision of S3.7-1973, describes a family of 6.0 cm³ and 2.0 cm³ couplers, and provides information on the methods for coupler calibration of the respective supra-aural and insert earphones.
Single copy price: \$150.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S3.20-1995 (R200x), Bioacoustical Terminology (reaffirmation of ANSI S3.20-1995 (R1999))

Provides definitions for a wide variety of terms used in human bioacoustics, including hearing, speech, psychoacoustics, and physiological acoustics. It is intended to supplement ANSI S1.1-1994, American National Standard Acoustical Terminology, in which more-generally-used terms in acoustics are defined, including a number of terms from physiological and psychological acoustics and music.
Single copy price: \$150.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S3.25-1989 (R200x), Occluded Ear Simulator (reaffirmation of ANSI S3.25-1989 (R1999))

The physical configuration and acoustical performance of an occluded ear simulator are specified. This device is designed to simulate the acoustical behavior of that portion of the ear canal between the tip of an earmold and the eardrum, including the acoustic impedance at the eardrum of a median adult human ear over the frequency range from 100 Hz – 10 kHz. The occluded ear simulator is suitable especially for transducers that are sensitive to acoustic load. Specific physical realizations of the ear simulator are described.
Single copy price: \$90.00

Order from: Susan Blaeser, ASA; sblaeser@aip.org
Send comments (with copy to BSR) to: Same

FCI (Fluid Controls Institute)

Revisions

BSR/FCI 70-2-200x, Control Valve Seat Leakage (revision of ANSI/FCI 70-2-1991)

To establish a series of seat leakage classes for control valves and defines the test procedures.
Single copy price: Free

Order from: Leslie Schraff, FCI; fci@fluidcontrolsintstitute.org
Send comments (with copy to BSR) to: Same

NSF (NSF International)**New Standards**

BSR/NSF 222-200x (i1), Drinking Water Ozone Generators (new standard)

Issue 1: To provide a means for ozone manufacturers to have their ozone generators tested to a consistent, fair, ozone output test.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: T. Duncan Ellison, NSF, c/o Lorna Badman, NSF; badman@nsf.org

Revisions

BSR/NSF 44-200x (i22), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2002)

Issue 22: To correct the hardness reduction equation.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: Lorna Badman, NSF; badman@nsf.org

TIA (Telecommunications Industry Association)**New Standards**

BSR/TIA 102.BABA-200x, Project 25 - Vocoder Description (new standard)

This document describes the functional requirements for the transmission and reception of voice information using digital communication media described in the standard.

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 2227-200x, Overfilling Prevention Devices (new standard)

The requirements cover devices for use on stationary containers or portable LP-Gas containers that consist of a shutoff mechanism that works in conjunction with a liquid level sensing device that shuts off the incoming flow of LP-Gas during a refilling operation when the liquid level reaches a predetermined point. The sensing mechanism may be a float, dip tube, or other type of sensor that is intended to cause operation of the shutoff mechanism.

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

Revisions

BSR/UL 508-200x, Standard for Safety for Industrial Control Equipment (Bulletin Dated August 28, 2003) (revision of ANSI/UL 508-2002)

Covers industrial control devices, rated 1500 volts or less, and devices accessory thereto, for starting, stopping, regulating, controlling, or protecting electric motors. Also covers industrial control devices or systems that store or process information and are provided with an output motor control function(s). For use in ordinary locations in accordance with the NEC, NFPA 70. Industrial control equipment covered by these requirements is intended for use in an ambient temperature of 0 - 40°C (32 - 104°F) unless specifically indicated for use in other conditions.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Warren Casper, UL-NC; Christopher.W.Casper@us.ul.com

Reaffirmations

BSR/UL 296A-1997 (R200x), Standard for Safety for Waste Oil-Burning Air-Heating Appliances (reaffirmation of ANSI/UL 296A-1997)

These requirements cover air-heating appliances of the central furnace and unit heater types intended for burning waste oil fuels and having fuel inputs rated no more than 20 gallons/hour (75.7 liters/hour) or approximately 3,000,000 Btu/hour (3,160,000 kJ/hour). These requirements also cover automatically lighted, mechanical-atomizing-type burners that typically are used with these appliances. The burner is to be factory-installed on, or provided with, each appliance.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tim Corder, UL; William.T.Corder@us.ul.com

BSR/UL 731-1995 (R200x), Standard for Safety for Oil-Fired Unit Heaters (reaffirmation of ANSI/UL 731-1995)

These requirements apply to oil-fired unit heaters as defined herein.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tim Corder, UL; William.T.Corder@us.ul.com

BSR/UL 896-1997 (R200x), Standard for Safety for Oil-Burning Stoves (reaffirmation of ANSI/UL 896-1997)

These requirements apply to oil-burning flue-connected room heaters and ranges as defined herein. They may be used where a competent attendant will not be constantly on duty in the room where the appliance is located, while the appliance is in operation. They are required to be equipped with automatic primary safety controls to prevent abnormal discharge of oil at the burner in case of ignition failure or flame failure. They are not intended for use in spaces in which flammable vapors or gases may be present.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tim Corder, UL; William.T.Corder@us.ul.com

Comment Deadline: October 21, 2003

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME PTC 6.2-200x, Steam Turbines in Combined Cycles (new standard)

This Code may be used for testing steam turbines in combined cycles with or without supplementary firing and in cogeneration applications. Within these categories of combined and cogeneration cycles, this Code is applicable to condensing and to non-condensing steam turbines, to reheat and to non-reheat steam turbines, and to induction/extraction steam turbines.

Single copy price: \$50.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;

LinT@asme.org

Send comments (with copy to BSR) to: Jack Karian, ASME;

karianj@asme.org

Supplements

BSR/ASME B31.1b-200x, Power Piping (supplement to ANSI/ASME B31.1-2001)

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

Single copy price: \$45.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;

LinT@asme.org

Send comments (with copy to BSR) to: James Shigh, ASME;

shighj@asme.org

Reaffirmations

BSR/ASME B18.15M-1998 (R200x), Metric Lifting Eyes (reaffirmation of ANSI/ASME B18.15M-1998)

Covers dimensional and load requirements for forged metric lifting eyes and forged metric straight shank threaded lifting eyes, previously referred to as eyebolts, intended primarily for lifting applications. B18.15M incorporates ANSI/ASME B18.15.1M-1998 and ANSI/ASME B18.15.2-1998.

Single copy price: \$34.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;

LinT@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME;

craner@asme.org

MHI (Material Handling Industry)

New Standards

BSR MH26.1-200x, Industrial Metal Containers - Specifications (new standard)

Provides definitive guidelines for engineering design, construction and testing procedures for industrial metal containers. It applies to welded-wire containers and corrugated and non-corrugated steel containers used for the storage and movement of goods and materials through interplant and intraplant material-handling systems. Does not apply to special purpose containers or to bulk cargo conveyance units for large unit loads as described in ANSI MH5.1.1.5.

Single copy price: \$15.00

Order from: Michael Ogle, MHI (ASC MH10); mhstd@mhia.org

Send comments (with copy to BSR) to: Same

Revisions

BSR MH26.2-200x, Design, Testing and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-1997)

Applies to uniformly loaded rack decking fabricated from welded-wire mesh, with permanently attached reinforcements, for use in storage racks. The purpose for such rack decking is to provide storage capability by creating a surface, in conjunction with a superstructure or framework hereinafter referred to as rack, upon which to place materials that may be on pallets, in containers, or in some other form.

Single copy price: \$15.00

Order from: Michael Ogle, MHI (ASC MH10); mhstd@mhia.org

Send comments (with copy to BSR) to: Same

NFPA (National Fire Protection Association)

NFPA Fire Protection Standards Documentation

The National Fire Protection Association announced the availability of its semi-annual NFPA Report on Proposals (ROP 2003NM) for concurrent review and comment by NFPA and ANSI in the January 24, 2003 issue of Standards Action.

The disposition of all comments received will now be published in the semi-annual NFPA Report on Comments (ROC 2003NM).

Report on Comments for 2003 November Meeting will be released on September 19, 2003, and contains the disposition of comments received for those proposed documents listed below. As a result of the comments, changes may have been made to some of the Reports, and these changes are included in the Report on Comments. Anyone wishing to review the ROC 2003NM may do so at <http://www.nfpa.org/Codes/ProposalsAndComments.asp>, or may secure a copy from:

National Fire Protection Association

Publication Sales Department

11 Tracy Drive

Avon, MA 02322

These documents are for the NFPA November Meeting to be held November 15-19, 2003 in Reno, Nevada. Those who sent comments to NFPA (Contact: Codes and Standards Administration, NFPA, P.O. Box 9101, 1 Batterymarch Park, Quincy, MA 02269-9101) on the related standards are invited to copy ANSI's Board of Standards Review.

New Standards

BSR/NFPA 551-200x, Guide for the Evaluation of Fire Risk Assessments (new standard)

Provides guidance primarily for authorities having jurisdiction, in the evaluation of the appropriateness and execution of a risk assessment for a given fire safety problem.

BSR/NFPA 900-200x, Building Energy Code (new standard)

These regulations shall control the minimum energy-efficient requirements for:

- the design, construction, reconstruction, alteration, repair, demolition, removal, inspection, issuance and revocation of permits or licenses, installation of equipment related to energy conservation in all buildings and structures and parts thereof;
- the rehabilitation and maintenance of construction related to energy efficiency in existing buildings;
- the standards or requirements for materials to be used in connection therewith; and
- the establishment of reasonable fees for permits and inspections.

Revisions

BSR/NFPA 12A-200x, Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-1997)

Covers minimum requirements for Halon 1301 fire extinguishing systems for the use and guidance of those charged with the purchasing, designing, installing, testing, inspecting, approving, listing, operating and maintaining such systems.

BSR/NFPA 36-200x, Solvent Extraction Plants (revision of ANSI/NFPA 36-2001)

Covers reasonable requirements for the safety to life and property from explosion and fire in the design, construction and operation of solvent extraction processes involving the use of flammable solvents.

BSR/NFPA 53-200x, Recommended Practice on Materials, Equipment and Systems Used in Oxygen-Enriched Atmospheres (revision of ANSI/NFPA 53-1999)

Covers the fire and explosion hazards that may exist in oxygen-enriched atmospheres.

BSR/NFPA 58-200x, Liquefied Petroleum Gas Code (revision of ANSI/NFPA 58-2001)

Applies to the highway transportation of LP-Gas and to the design, construction, installation and operation of all LP-Gas systems.

BSR/NFPA 59-200x, Utility LP-Gas Plant Code (revision of ANSI/NFPA 59-2001)

Covers utility gas plants for the design, construction, location, installation and operation of refrigerated and non-refrigerated liquefied petroleum gas systems.

BSR/NFPA 70E-200x, Standard for Electrical Safety Requirements for Employee Workplaces (revision of ANSI/NFPA 70E-2000)

Covers protection to the employee from electrical hazards such as shock, arc blasts and explosions initiated by electricity.

BSR/NFPA 82-200x, Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-1999)

Covers basic requirements primarily concerned with fire hazards encompassing the installation and use of incinerators, waste handling systems, linen (laundry) handling systems, compactors, and waste storage rooms and containers.

BSR/NFPA 85-200x, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2001)

This code shall apply to the design, installation, operation, training, and maintenance as they relate to safety of combustion systems. It shall apply to single burner boilers, multiple burner boilers, and atmospheric fluidized bed boilers with a fuel input rating of 12,500,000 Btu/hr (3663 kW) or greater and shall apply to stokers with a minimum fuel input of 400,000 Btu/hr (117 kW), to pulverized fuel systems, and to fired or unfired steam generators used to recover heat from combustion turbines (HRSG's). This code shall cover strength of the structure, operation and maintenance procedures, combustion and draft control equipment, safety interlocks, alarms, trips, and other related controls that are essential to safe equipment operation.

BSR/NFPA 101A-200x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2001)

Consists of a number of different system approaches to life safety.

BSR/NFPA 140-200x, Motion Picture and Television Production Studio Soundstages and Approved Production Facilities (revision of ANSI/NFPA 140-1999)

Establishes minimum requirements for the hazards associated with practices, processes and materials for the following facilities when used for motion picture and television production: Sound stages; approved production facilities; and production locations.

BSR/NFPA 497-200x, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-1997)

Covers recommendations for the classification of Class I Hazardous locations for electrical installations.

BSR/NFPA 499-200x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-1991 (R1997))

Applies to those locations where combustible dusts are produced, processed, or handled and where dust released into the atmosphere or accumulated on surfaces may be ignited by electrical systems or equipment.

BSR/NFPA 921-200x, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2001)

Establishes guidelines and recommended practice for the systematic investigation or analysis of fire explosion incidents.

BSR/NFPA 1600-200x, Disaster/Emergency Management and Business Continuity Programs (revision of ANSI/NFPA 1600-2000)

Establishes minimum criteria for disaster management and provide guidance to the private and public sectors in the development of a program for effective disaster preparedness response and recovery.

BSR/NFPA 1670-200x, Operations and Training for Technical Rescue Incidents (revision of ANSI/NFPA 1670-1999)

Identifies and establishes performance levels for safely and effectively conducting operations at technical rescue incidents.

BSR/NFPA 1925-200x, Marine Fire Fighting Vessels (revision of ANSI/NFPA 1925-1998)

Provides minimum requirements for marine fire fighting vessels. It shall apply to both the construction of new vessels and the conversion of existing vessels for fire fighting purposes. It also provides minimum maintenance and testing requirements.

BSR/NFPA 1975-200x, Station/Work Uniforms for Fire and Emergency Services (revision of ANSI/NFPA 1975-1999)

Covers minimum general requirements, performance requirements and text methods for textile materials used in the construction of station/work uniforms.

BSR/NFPA 2001-200x, Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2000)

Contains minimum requirements for total flooding, clean agent fire extinguishing systems.

Withdrawals

ANSI/NFPA 906-1998, Guide for Fire Incident Field Notes (withdrawal of ANSI/NFPA 906-1998)

Provides a series of forms to aid in note taking at the scene of a fire incident and during the investigation.

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:

ARI (Air-Conditioning and Refrigeration Institute)

BSR/ARI 490-1989, Remote Mechanical-Draft Evaporative Refrigerant Condensers (new standard)

BSR/ARI 730-2001, Flow-Capacity Rating and Application of Suction-Line Filters and Filter-Driers (new standard)

BSR/ARI 840-1998, Unit Ventilators (new standard)

BSR/ARI 900-1998, Thermal Storage Equipment Used for Cooling (new standard)

EIA (Electronic Industries Alliance)

BSR/EIA/TIA 455-190-200x, (SP-3-4481-RF1) - FOTP190 - Low Air Pressure (High Altitude) Testing of Fiber Optic Components (new standard)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/NEMA EW 3-1997, Semiautomatic Wire Feed Systems for Arc Welding

ANSI/NEMA EW4-1993, Graphic Symbols for Arc Welding and Cutting Apparatus

ANSI/NEMA ICS 3-1993, Industrial Control and Systems Factory Built Assemblies

ANSI/NEMA ICS 4-1993, Terminal Blocks for Industrial Use

ANSI/NEMA ICS 5-1997, Industrial Control and Systems Control Circuit and Pilot Devices

ANSI/NEMA ICS 6-1993, Industrial Control and Systems Enclosures

ANSI/NEMA ICS 7.1-1995, Safety Standards for Construction and Guide for Selection, Installation, and Operation of Adjustable-Speed Drive Systems

ANSI/NEMA ICS 10-1993, Industrial Control and Systems AC Transfer Switch Equipment

ANSI/TIA/EIA 526-14A-1998, Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI/NEMA ICS 1-1993, Industrial Control and Systems General Requirements

Corrections

BSR/UL 514D-200x

In the August 1, 2003 edition of Standards Action, on page 4, an incorrect designation was provided for BSR/UL 514D-200x, Standard for Safety for Cover Plates for Flush-Mounted Wiring Devices (Bulletin dated 08/15/03) (new standard). The correct designation for this standard is BSR/UL 514D-200x. Inquires and comments may be directed to: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com.

BSR C18.2M, Part 1-200x

In the July 25, 2003 edition of Standards Action, there was a typographical error in the designation for the standard, BSR C18.1M, Part 1-200x. The designation should have been printed as:

BSR C18.2M, Part 1-200x, Portable Rechargeable Cells and Batteries-General and Specifications (revision of ANSI C18.2M, Part 1-2001)

For inquiries, contact: Carin Bernstiel, NEMA; car_bernstiel@nema.org.

BSR/ASHRAE 140a-200x

In the August 8, 2003 edition of Standards Action, ANSI/ASHRAE 140-2001, Method of Test for the Evaluation of Building Energy Analysis Computer Programs, was mistakenly listed as a proposed revision available for comment. Only BSR/ASHRAE 140a-200x, (a supplement to ANSI/ASHRAE 140-2001) is subject to comment, with a closing date of 9/22/2003.

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:

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Fax: (202) 824-9185

ASA

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FCI

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Web: www.mhia.org

NSF

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Fax: (734) 827-6831
Web: www.nsf.org

Send comments to:

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Fax: (202) 824-9185

ASA

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Melville, NY 11747
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Fax: (631) 390-0217

ASME

American Society of Mechanical
Engineers (ASME)
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New York, NY 10016
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Fax: (212) 705-7196
Web: www.asme.org

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Web:
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SPI

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Phone: (202) 974-5230
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Web: www.plasticsindustry.org

TIA

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Association
2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC
27709
Phone: (919) 549-1841
Fax: (919) 547-6174
Web: www.ul.com/

UL-CA

Underwriters Laboratories, Inc.
1655 Scott Boulevard
Santa Clara, CA 95050
Phone: (408) 985-2400 x32969
Fax: (408) 556-6045

UL-NC

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

Initiation of Canvasses

The following ANSI-accredited standards developers have announced their intent to conduct a canvass on the proposed American National Standard(s) listed herein in order to develop evidence of consensus for submittal to ANSI for approval as an American National Standard. Directly and materially affected interests wishing to participate as a member of a canvass list, i.e., consensus body, should contact the sponsor of the standard within 30 days of the publication date of this issue of Standards Action. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for information with regard to canvass standards maintained under the continuous maintenance option.

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 70-2-200x, Control Valve Seat Leakage (revision of ANSI/FCI 70-2-1991)

MHI (Material Handling Industry)

Office: 8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992

Contact: *Michael Ogle*

Phone: (704) 676-1190

Fax: (704) 676-1199

E-mail: mogle@mhia.org

BSR MH26.1-200x, Industrial Metal Containers - Specifications (new standard)

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.

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road Suite 300
Arlington, VA 22206

Contact: Dick Shaw

Fax: (231) 854-1488

E-mail: shawddd@aol.com

BSR/ACCA 3 Manual S-200x, Residential Equipment Selection (new standard)

Technical manual outlining the proper methods and procedures used to select and size residential cooling, furnaces and heat pump equipment.

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

Office: 1791 Tullie Circle, N.E.
Atlanta, GA 30329

Contact: Claire Ramspeck

Fax: (404) 321-5478

E-mail: cramspeck@ashrae.org

BSR/ASHRAE 176P-200x, Method of Testing the Precipitation Temperature of Partially Soluble Matter in Refrigerant/Lubricant Mixtures (new standard)

This standard provided a method for determining the temperature at which partially soluble species precipitate from solution.

BSR/ASHRAE 177P-200x, Method of Test for Measuring Fractionated Compositions of Refrigerant Blends (new standard)

The purpose of this standard is to establish uniform test methods and procedures for experimentally determining the fractionated (vapor and liquid) compositions of refrigerant blends under simulated leakage from containers and equipment in storage, transport, operation and service.

BSR/ASHRAE 178P-200x, Method of Test for Commercial and Industrial Humidifiers (new standard)

This standard method of test establishes a uniform method of laboratory testing for rating commercial and industrial humidifiers.

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

The purpose of this standard is to provide methods of test for life-testing positive-displacement refrigerant compressors.

BSR/ASHRAE 51/AMCA 210-200x, Laboratory Methods of Testing Fans for Aerodynamic Performance Rating (revision of ANSI/ASHRAE 51/AMCA 210-1999)

This standard establishes test procedures for evaluating the performance of air cleaning devices for removing particulate matter, to establish specifications for equipment required to conduct the test, and to define methods of calculation from test data, and to establish formats for reporting the results obtained.

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: rodriguez@asme.org; LinT@asme.org

BSR/ASME A112.4.2-200x, Water Closet Personal Hygiene Devices (revision of ANSI/ASME A112.4.2-2003)

Establishes general and performance requirements, test methods and marking requirements for bidet sprays and other optional features as applied to water closets, water closet seats and other retrofit devices. Products covered by this standard are intended to be supplied with cold water only.

BSR/ASME A112.19.19-200x, Waterless Urinals (new standard)

Establishes requirements for waterless urinals. It includes a testing regime and related performance criteria to assure compliance with this Standard.

BSR/ASME B36.10M-200x, Welded and Seamless Wrought Steel Pipe (revision of ANSI/ASME B36.10M-2000)

Covers the standardization of dimensions of welded and seamless wrought steel pipe for high or low temperatures and pressures.

BSR/ASME B36.19M-200x, Stainless Steel Pipe (revision of ANSI/ASME B36.19M-1985 (R2002))

Covers the standardization of dimensions of welded and seamless wrought stainless steel pipe.

BSR/ASME B46.2-200x, Surface Texture (Surfaces Having Stratified Functional Properties) (identical national adoption)

The standard, B46.2, contains three key parts:

- (1) Stratified surfaces and related filtering techniques, known as the Rk filter;
- (2) Stratified surface and the use of the linear material ratio curve; and
- (3) Stratified surfaces and the use of the material probability curve.

BSR/ASME PTC 29-200x, Speed Governing Systems for Hydraulic Turbine Generators Units (revision of ANSI/ASME PTC 29-1980 (R1985))

This Test Code provides uniform methods and procedures for the conduct and reporting of performance tests on speed governors applied to conventional hydraulic turbines.

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

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Charles Robinson

Fax: (919) 549-8288

E-mail: crobenson@isa.org

BSR/ISA 84.00.01, Part 2 (IEC 61511-2 Mod)-200x, Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1 (national adoption with modifications and revision of ANSI/ISA S84.01-1996)

The objective of this standard is to provide guidance on how to comply with IEC 61511-1, which was developed as a process sector implementation of IEC 61508, "Functional safety of electrical/electronic/programmable electronic safety related systems."

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834

Contact: *Billie Zidek-Conner*

Fax: (703) 907-7727

E-mail: 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 document standardizes requirements for residential telecommunications infrastructure. TIA 570-B revises and incorporates ANSI/TIA/EIA 570-A-1999 and its supplements.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Mitchell Gold*

Fax: (847) 313-2850

E-mail: Mitchell.Gold@us.ul.com

BSR/UL 60335-2-3-200x, Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons (national adoption with modifications)

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. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.

BSR/UL 60335-2-8-200x, Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption with modifications and revision of ANSI/UL 1028-2000)

This International Standard deals with the safety of electric shavers, hair clippers and similar appliances intended for household and similar purposes, their rated voltage being not more than 250 V. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and on farms, are within the scope of this standard.

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.

Announcement of Procedural Revision

Comment Deadline: September 22, 2003

*Comments with regard to this proposed revision should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ExSC at 212-840-2298 or 25 West 43rd Street, 4th floor, New York, NY 10036 by **September 22, 2003.***

ExSC 6280**2.4 Notification of standards development and coordination**

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate the opportunity for participation by all directly and materially affected persons. At the initiation of a project to develop or revise an American National Standard, notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for a 30-day announcement listing in *Standards Action*. A statement shall be submitted and published as part of the PINS announcement that should include:

- (a) an explanation of the need for the project; and
- (b) identification of the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard.

Developers are encouraged to consult any relevant international or regional guides that may impact the proposed standard. If the response to sub-section (b) changes substantively as the standard is developed, a revised PINS shall be submitted and published. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard. Comments received in connection with a PINS announcement shall be handled in accordance with these procedures.

A PINS is not required for revisions of an American National Standard that is maintained under continuous maintenance and (1) is registered as such on the ANSI website, (2) has a notice in the standard that the standard is always open for comment and how to submit comments, and (3) has information on the developer's website that the standard is under continuous maintenance and how to submit comments.

If a developer receives written comments within 4530 days from the publication date of a PINS announcement in *Standards Action*, and said comments assert that a proposed standard duplicates or conflicts with an existing American National Standard (ANS) or a candidate ANS that has been announced previously in *Standards Action*, a mandatory deliberation of representatives from the relevant stakeholder groups shall be held within 90 days from the comment deadline. Such a deliberation shall be organized by the developer and the commenter and shall be concluded before the developer may submit a draft standard for public review. If the deliberation does not take place within the 90-day period and the developer can demonstrate that it has made a good faith effort to schedule and otherwise organize it, then the developer will be excused from compliance with this requirement. The purpose of the deliberation is to provide the relevant stakeholders with an opportunity to discuss whether there is a compelling need for the proposed standards project. The outcome of such a deliberation shall be conveyed in writing by the developer and commenter (ideally as a joint submission) to the ANSI Board of Standards Review (BSR) for consideration should the developer ultimately submit the related candidate standard to ANSI for approval. In the case of ANSI Audited Designators, the Audited Designator shall review the results of the deliberation prior to designating a standard as an ANS. While the outcome is not binding, participants are encouraged to develop a consensus on whether and how the standards development project should proceed.

In addition, proposals for new American National Standards and proposals to revise, reaffirm, or withdraw approval of existing American National Standards shall be transmitted to ANSI using the BSR-8 form, or its equivalent, for listing in *Standards Action* in order to provide an opportunity for public comment. The comment period shall be one of the following:

- A minimum of thirty days if the full text of the revision(s) can be published in *Standards Action*;
- A minimum of forty-five days if the document is available in an electronic format, deliverable within one day of a request, and the source (e.g., URL or an E-mail address) from which it can be obtained by the public is provided to ANSI for announcement in *Standards Action*; or
- A minimum of sixty days, if neither of the aforementioned options is applicable.

Such listing may be requested at any stage in the development of the proposal, at the option of the standards developer, and may be concurrent with final balloting. However, any substantive change subsequently made in a proposed American National Standard requires listing of the change in *Standards Action*.



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's 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>

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 9919, Medical electrical equipment - Particular requirements for the basic safety and essential performance of pulse oximeter equipment for medical use - 11/9/2003, \$112.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 21747, Process performance and capability statistics - 11/13/2003, \$70.00

PLASTICS (TC 61)

ISO/DIS 21367, Plastics - Reaction-to-fire tests - Determination of rate of flame spread and combustion-product release from vertically oriented specimens - 11/13/2003, \$84.00



Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from 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.

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

[IEC 60728-6 Ed. 2.0 en:2003](#), "Cable networks for television signals, sound signals and interactive services - Part 6: Optical equipment ", \$124.00

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

[IEC 60966-2-1 Ed. 2.0 b:2003](#), Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies, \$63.00

[IEC 60966-2-2 Ed. 2.0 b:2003](#), Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies, \$36.00

[IEC 60966-2-3 Ed. 2.0 b:2003](#), Radio frequency and coaxial cable assemblies - Part 2-3: Detail specification for flexible coaxial cable assemblies, \$28.00

DEPENDABILITY (TC 56)

[IEC 60300-1 Ed. 2.0 en:2003](#), Dependability management - Part 1: Dependability management systems, \$58.00

[IEC 61014 Ed. 2.0 b:2003](#), Programmes for reliability growth, \$109.00

ELECTRIC CABLES (TC 20)

[IEC 60227-5 Amd.2 Ed. 2.0 b:2003](#), Amendment 2 - Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables (cords), \$28.00

[IEC 60227-5 Ed. 2.2 b:2003](#), Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables (cords), \$70.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 60077-5 Ed. 1.0 b:2003](#), Railway applications - Electric equipment for rolling stock - Part 5: Electrotechnical components - Rules for HV fuses, \$78.00

ELECTRIC WELDING (TC 26)

[IEC 60974-3 Ed. 1.0 b:2003](#), Arc welding equipment - Part 3: Arc striking and stabilizing devices, \$46.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 60898-1 Ed. 1.2 b:2003](#), Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation, \$190.00

[IEC 60898-2 Ed. 1.1 b:2003](#), Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for a.c. and d.c. operation, \$63.00

[IEC 61534-1 Ed. 1.0 b:2003](#), Powertrack systems - Part 1: General requirements, \$124.00

ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

[IEC 60092-354 Ed. 2.0 en:2003](#), "Electrical installations in ships - Part 354: Single- and three-core power cables with extruded solid insulation for rated voltages 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) ", \$63.00

[IEC 60092-506 Ed. 2.0 en:2003](#), Electrical installations in ships - Part 506: Special features - Ships carrying specific dangerous goods and materials hazardous only in bulk, \$40.00

ELECTRICAL INSULATION SYSTEMS (EIS) (TC 98)

[IEC 62068-1 Ed. 1.0 b:2003](#), Electrical insulation systems - Electrical stresses produced by repetitive impulses - Part 1: General method of evaluation of electrical endurance, \$46.00

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

[IEC 60512-11-14 Ed. 2.0 en:2003](#), Connectors for electronic equipment - Tests and measurements - Part 11-14: Climatic tests - Test 11p: Flowing single gas corrosion test, \$25.00

ELECTRONIC TUBES (TC 39)

[IEC 61965 Ed. 2.0 en:2003](#), Mechanical safety of cathode ray tubes, \$124.00

ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)

[IEC 60068-2-81 Ed. 1.0 b:2003](#), Environmental testing - Part 2-81: Tests - Test Ei: Shock - Shock response spectrum synthesis, \$99.00

FIBRE OPTICS (TC 86)

[IEC/TR 61282-4 Ed. 1.0 en:2003](#), Fibre optic communication system design guides - Part 4: Accommodation and utilization of non-linear effects, \$70.00

[IEC 60794-2-40 Ed. 1.0 b:2003](#), Optical fibre cables - Part 2-40: Indoor cables - Family specification for simplex and duplex cables with buffered A4 fibres, \$32.00

[IEC 61300-1 Ed. 2.0 en:2003](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance, \$58.00

[IEC 62148-6 Ed. 1.0 b:2003](#), Fibre optic active components and devices - Package and interface standards - Part 6: ATM-PON transceivers, \$38.00

FIRE HAZARD TESTING (TC 89)

[IEC 60695-10-2 Ed. 2.0 b:2003](#), Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test, \$40.00

[IEC 60695-11-2 Ed. 1.0 b:2003](#), "Fire hazard testing - Part 11-2: Test flames - 1 kW nominal pre-mixed flame - Apparatus, confirmatory test arrangement and guidance", \$70.00

[IEC 60695-11-10 Amd.1 Ed. 1.0 b:2003](#), Amendment 1 - Fire hazard testing - Part 11-10: Test flames - 50 W horizontal and vertical flame test methods, \$25.00

[IEC 60695-11-20 Amd.1 Ed. 1.0 b:2003](#), Amendment 1 - Fire hazard testing - Part 11-20: Test flames - 500 W flame test methods, \$23.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

[IEC 62021-1 Ed. 1.0 b:2003](#), Insulating liquids - Determination of acidity - Part 1: Automatic potentiometric titration, \$40.00

FUSES (TC 32)

[IEC 60127-4 Amd.2 Ed. 2.0 b:2003](#), Amendment 2 - Miniature fuses - Part 4: Universal Modular Fuse-links (UMF), \$24.00

[IEC 60269-3 Amd.1 Ed. 2.0 b:2003](#), Amendment 1 - Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications), \$17.00

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

[IEC 60519-1 Ed. 3.0 en:2003](#), Safety in electroheat installations - Part 1: General requirements, \$78.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61511-2 Ed. 1.0 en:2003](#), Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1, \$146.00

INSULATING MATERIALS (TC 15)

[IEC 60544-4 Ed. 2.0 b:2003](#), Electrical insulating materials - Determination of the effects of ionizing radiation - Part 4: Classification system for service in radiation environments, \$38.00

[IEC 60684-3-406 Ed. 2.0 b:2003](#), Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheets 406 to 408: Glass textile sleeving with PVC coating, \$38.00

[IEC 60893-2 Ed. 2.0 b:2003](#), Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test, \$89.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC/TR 60887 Ed. 2.0 b:2003](#), Glass bulb designation system for lamps, \$38.00

[IEC 60598-2-20ISH I2 Ed. 2.0 b:2003](#), Interpretation sheet 02 - Luminaires - Part 2-20: Particular requirements - Lighting chains, \$0.00

[IEC 60598-2-20ISH I3 Ed. 2.0 b:2003](#), Interpretation sheet 03 - Luminaires - Part 2-20: Particular requirements - Lighting chains, \$0.00

LASER EQUIPMENT (TC 76)

[IEC/TR 60825-5 Ed. 2.0 en:2003](#), Safety of laser products - Part 5: Manufacturer's checklist for IEC 60825-1, \$70.00

[IEC 60825-4 Amd.2 Ed. 1.0 en:2003](#), Amendment 2 - Safety of laser products - Part 4: Laser guards, \$40.00

MAGNETIC ALLOYS AND STEELS (TC 68)

[IEC 60404-6 Ed. 2.0 b:2003](#), Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 200 kHz by the use of ring specimens, \$70.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 61108-1 Ed. 2.0 en:2003](#), "Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results", \$78.00

NUCLEAR INSTRUMENTATION (TC 45)

[IEC 61468 Amd.1 Ed. 1.0 b:2003](#), Amendment 1 - Nuclear power plants - In-core instrumentation - Characteristics and test methods of self-powered neutron detectors, \$46.00

OTHER

[IEC GUIDE 109 Ed. 2.0 en:2003](#), Environmental aspects - Inclusion in electrotechnical product standards, \$40.00

[IECEX 02 Ed. 2.0 en:2003](#), IEC Scheme for Certification to Standards for Electrical Equipment for Explosive Atmospheres (IECEX Scheme) - Rules of Procedure, \$0.00

[CISPR 16-2 Ed. 2.0 en:2003](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 2: Methods of measurement of disturbances and immunity, \$184.00

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

[IEC 60444-8 Ed. 1.0 en:2003](#), Measurement of quartz crystal unit parameters - Part 8: Test fixture for surface mounted quartz crystal units, \$38.00

POWER ELECTRONICS (TC 22)

[IEC 62103 Ed. 1.0 b:2003](#), Electronic equipment for use in power installations, \$194.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC/TR 62357 Ed. 1.0 en:2003](#), "Power system control and associated communications - Reference architecture for object models, services and protocols", \$78.00

[IEC 61850-5 Ed. 1.0 en:2003](#), Communication networks and systems in substations - Part 5: Communication requirements for functions and device models, \$190.00

[IEC 61850-7-1 Ed. 1.0 en:2003](#), Communication networks and systems in substations - Part 7-1: Basic communication structure for substation and feeder equipment - Principles and models, \$184.00

QUANTITIES AND UNITS, AND THEIR LETTER SYMBOLS (TC 25)

[IEC 60375 Ed. 2.0 b:2003](#), Conventions concerning electric and magnetic circuits, \$63.00

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

[IEC 62018 Ed. 1.0 b:2003](#), Power consumption of information technology equipment - Measurement methods, \$28.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-5 Ed. 5.0 b:2003](#), Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers, \$63.00

[IEC 60335-2-7 Ed. 6.0 b:2003](#), Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines, \$70.00

[IEC 60335-2-90 Amd.1 Ed. 2.0 b:2003](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens, \$20.00

[IEC 60745-1 Amd.2 Ed. 3.0 en:2003](#), Amendment 2 - Hand-held motor-operated electric tools - Safety - Part 1: General requirements, \$58.00

SAFETY OF MEASURING, CONTROL, AND LABORATORY EQUIPMENT (TC 66)

[IEC 61010-2-010 Ed. 2.0 en:2003](#), "Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials", \$51.00

[IEC 61010-2-051 Ed. 2.0 en:2003](#), "Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring", \$32.00

[IEC 61010-2-061 Ed. 2.0 en:2003](#), "Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization ", \$46.00

[IEC 61010-2-081 Amd.1 Ed. 1.0 en:2003](#), "Amendment 1 - Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes", \$20.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60191-2 Amd.8 Ed. 1.0 b:2003](#), Amendment 8 - Mechanical standardization of semiconductor devices - Part 2: Dimensions, \$32.00

[IEC 60749-25 Ed. 1.0 b:2003](#), Semiconductor devices - Mechanical and climatic test methods - Part 25: Temperature cycling, \$40.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 61188-5-2 Ed. 1.0 b:2003](#), Printed boards and printed board assemblies - Design and use - Part 5-2: Attachment (land/joint) considerations - Discrete components, \$124.00

(TC 34A)

[IEC 62035 Amd.1 Ed. 1.0 b:2003](#), Amendment 1 - Discharge lamps (excluding fluorescent lamps) - Safety specifications, \$63.00

WINDING WIRES (TC 55)

[IEC 60264-2-1 Amd.1 Ed. 1.0 b:2003](#), Amendment 1 - Packaging of winding wires - Part 2-1: Cylindrical barrelled delivery spools - Basic dimensions, \$23.00

ISO Technical Specifications

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

[IEC/TS 62318 Ed. 1.0 en:2003](#), Multimedia systems and equipment - Multimedia home server systems - Home server conceptual model, \$38.00

INSULATORS (TC 36)

[IEC/TS 62073 Ed. 1.0 en:2003](#), Guidance on the measurement of wettability of insulator surfaces, \$70.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC/TS 62091 Ed. 1.0 b:2003](#), Low-voltage switchgear and controlgear - Controllers for drivers of stationary fire pumps, \$124.00

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 71-11, Safety of toys - Part 11: Organic chemical compounds - Methods of analysis - 1/7/2004, \$88.00

prEN 1089-3 REVIEW, Transportable gas cylinders - Gas cylinder identification (excluding LPG) - Part 3: Colour coding - 11/7/2003, \$35.00

prEN 1151-2, Pumps - Rotodynamic pumps - Circulation pumps having an electrical effect not exceeding 200 W for heating installations and domestic hot water installations - Part 2: Noise test code (vibro-acoustics) for measuring - 1/7/2004, \$46.00

prEN 10140 REVIEW, Cold rolled narrow steel strip - Tolerances on dimensions and shape - 1/7/2004, \$30.00

prEN 12467 REVIEW, Fibre-cement flat sheets - Product specification and test methods - 1/7/2004, \$84.00

prEN 13845, Resilient floor coverings - Polyvinyl chloride floor coverings with enhanced slip resistance - Specification - 11/7/2003, \$46.00

prEN 14187-9, Cold applied joint sealants - Part 9: Function testing of joint sealants - 1/7/2004, \$30.00

prEN 14710-1, Fire-fighting pumps - Fire-fighting centrifugal pumps without primer - Part 1: Classification - General and safety requirements - 1/7/2004, \$60.00

prEN 14710-2, Fire-fighting pumps - Fire-fighting centrifugal pumps without primer - Part 2: Verification of general safety requirements - 1/7/2004, \$60.00

prEN 14749, Domestic and kitchen storage units and worktops - Safety requirements and test methods - 1/7/2004, \$50.00

prEN 14750-1, Railway Applications - Air conditioning for urban and suburban rolling stock - Part 1: Comfort parameters - 1/7/2004, \$56.00

prEN 14750-2, Railway Applications - Air conditioning for urban and suburban rolling stock - Part 2: Type tests - 1/7/2004, \$54.00

prEN ISO 7730 REVIEW, Ergonomics of the thermal environment - Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort (ISO/DIS 7730: 2003) - 12/7/2003, \$20.00

prEN ISO 9142 REVIEW, Adhesives - Guide to the selection of standard laboratory ageing conditions for testing bonded joints (ISO/FDIS 9142: 2003) - 11/7/2003, \$20.00

prEN ISO 11960 REVIEW, Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells (ISO/DIS 11960: 2003) - 11/7/2003, \$20.00

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 13286-7, Unbound and hydraulically bound mixtures - Test methods - Part 7: Cyclic load triaxial test for unbound mixtures
- prEN 13374, Temporary edge protection systems - Product specification, test methods
- prEN 14095, Water conditioning equipment inside buildings - Electrolytic systems with aluminium anodes - Requirements for performance and safety, testing
- prEN 14503, Inland navigation vessels - Harbours for inland navigation
- prEN 14748, Non-destructive testing - Methodology for qualification of non-destructive tests
- prEN ISO 9831, Animal feeding stuffs, animal products, and faeces or urine - Determination of gross calorific value - Bomb calorimeter method (ISO 9831: 1998)

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

Department of Labor

Organization: Department of Labor, Office of the CIO
Francis Perkins Dept of Labor Building
Room N1301
200 Constitution Avenue, NW
Washington, DC 20210
Contact: Mary McNally
PHONE: 202-693-4208; FAX: 202-693-4228
E-mail: mcnally.mary@dol.gov

Public Review: June 6, 2003 to September 4, 2003

Regional Information System

Public Review: June 27, 2003 to September 25, 2003

Unisys Corporation

Organization: Unisys Corporation
Unisys Way, MS E2-129M
Blue Bell, PA 19424
Contact: William Penglase
PHONE: 215-986-6268; FAX: 215-986-6832
E-mail: William.penglase@unisys.com

Public Review: July 4, 2003 to October 2, 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

ANSI Accredited Standards Developers

Application of Reaccreditation

ASC S1, S2, S3, and S12

The Executive Standards Council has approved the reaccreditation of the following Accredited Standards Committees under revised operating procedures for documenting consensus on proposed American National Standards, effective August 12, 2003:

- ASC S1, Acoustics
- ASC S2, Mechanical Vibration and Shock
- ASC S3, Bioacoustics
- ASC S12, Noise

For additional information, please contact the Secretariat of these ASCs: Ms. Susan Blaeser, Standards Manager, Acoustical Society of America, 35 Pinelawn Road, Suite 114 E, Melville, NY 11747; PHONE: (631) 390-0215; FAX: (631) 390-0217; E-mail: sblaeser@aip.org.

ANSI-RAB National Accreditation Program for Quality Management Systems

Notice of Accreditation

Registrar

International Certification Registrar LTD

The ANSI-RAB National Accreditation Program for Registrars of Quality Management Systems is pleased to announce that the following registrar has earned accreditation:

International Certification Registrar LTD

D.Y. Kim
306 Hyundai Bldg 35-1 Mapo-dong- Mapo-gu
Seoul 121-731
Republic of Korea
PHONE: 82 2 6351-9001
FAX: 82 2 338-9945
E-mail: ceo@icrqa.com

Application for Accreditation

Registrar

Healthcare Specialists, Inc.

Comment Deadline: October 21, 2003

Healthcare Specialists, Inc., based in Cincinnati, OH, has applied for accreditation under the ANSI-RAB National Accreditation Program for Registrars of Quality Management Systems, a joint program of the American National Standards Institute and the Registrar Accreditation Board.

Comments on the application of the above registrar are solicited from interested bodies.

Please send your comments by October 21, 2003, to Lane Hallenbeck, Vice-President, Conformity Assessment, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036; FAX: 202-293-9287 or e-mail: LHallenb@ansi.org.

Notice of Withdrawal of Accreditation

Registrar

Best Quality Standard Assessment Co., Ltd.

Effective August 6, 2003, the ANSI-RAB NAP has withdrawn the application of Best Quality Standard Assessment Co., Ltd. for registration of quality management systems. As an applicant, Best Quality Standard Assessment Co., Ltd. was never authorized to issue ANSI-RAB NAP-accredited QMS certificates.

ANSI-RAB National Accreditation Program for Environmental Management Systems

Notice of Accreditation

Registrar

International Certification Registrar LTD

The ANSI-RAB National Accreditation Program for Registrars of Environmental Management Systems is pleased to announce that the following registrar has earned accreditation:

International Certification Registrar LTD

D.Y. Kim
306 Hyundai Bldg 35-1 Mapo-dong-Mapo-gu
Seoul 121-731
Republic of Korea
PHONE: 82 2 6351-9001
FAX: 82 2 338-9945
E-mail: ceo@icrqa.com

Notice of Withdrawal of Accreditation

Registrar

Best Quality Standard Assessment Co., Ltd.

Effective August 11, 2003, the ANSI-RAB NAP has withdrawn the application of Best Quality Standard Assessment Co., Ltd. for registration of environmental management systems. As an applicant, Best Quality Standard Assessment Co., Ltd. was never authorized to issue ANSI-RAB NAP-accredited EMS certificates.

U.S. National Committee of the IEC

U.S. Proposal for Initiation of International Standard

TC 57 - Power System Control and Associated Communications

The following proposal for the initiation of an international Standard has been submitted to the International Electrotechnical Commission: TC 57: Power System Control and Associated Communications

Title:

Communications Systems for distributed Energy Resources (DER)

Scope:

This Standard will develop the object models and services for information exchange requirements for distributed energy resources (DER), comprising dispersed generation (DG) devices and dispersed storage (DS) devices, including, but not limited to, reciprocating engines, fuel cells, microturbines, wind turbines, photovoltaic, and storage devices. The DER standard will be based on open-system language, semantics, services, protocols, and architecture, will be compatible with IEC61850, IEC61970, IEC60870-5, and IEC60870-6 standards, and may include proposed extensions to IEC61850.

For further information, please contact: Scott A. Neumann, Message Tek, 16411 Dysprosium Street, NW, Ramsey, MN 55303; PHONE: (612) 703-4328, Fax: (763) 735-0269, E-Mail: scott@messagetek.com.

TC 105 - Fuel Cell Technologies

The following proposal for the initiation of an international Standard has been submitted to the International Electrotechnical Commission: TC 105: Fuel Cell Technologies

Title:

Micro Fuel Cell Power Systems - Safety

Scope:

International standard providing safety based requirements for the minimum safe fueling, design, safety-based performance, installation, and disposal of packaged Micro Fuel Cell Power Systems and associated fuel cartridges. Presence and usage onboard passenger aircraft and other transportation modes will be considered.

For further information, please contact: Kelvin Hecht, UTC Fuel Cells, 127 Craigmere Circle, Avon, CT 06001; PHONE-FAX: (860) 673-9118, E-Mail: kelvinhecht@attbi.com.

Meeting Notice

ASC Z535 - Safety Signs and Colors

The ANSI Accredited Standards Committee Z535 on Safety Signs and Colors will meet on September 23-24, 2003 at the Holiday Inn Inner Harbor, 301 West Lombard Street, Baltimore MD 20210. The purpose of the meeting is to conduct the normal administrative business of the Committee, to note any suggested revision proposals for the Z535 series of standards which were revised in 2002, and to begin planning for the next review and possible revision of the standards in 2007. The meeting will begin on September 23 at 9 AM and is scheduled to conclude on the following day no later than 5 PM. Interested parties should contact the ANSI Z535 Secretary, Jim Cigler, at (703) 841-3242 or jim_cigler@nema.org for further details.

Tracking # 53i35r1
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Revision to NSF/ANSI 53 - 2002
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6.11.4.1 Metals reduction test water except for lead pH 8.5 testing

A public water supply shall be used and the following specific characteristics shall be maintained throughout the test for metals reduction claims except for lead pH 8.5 testing:

	low pH	high pH
alkalinity (as CaCO ₃)	10 – 30 mg/L	100 – 250 mg/L
hardness (as CaCO ₃)	10 – 30 mg/L	100 – 200 mg/L
PH	6.5 ± 0.25	8.5 ± 0.25
polyphosphate (as P)	< 0.5 mg/L	< 0.5 mg/L
TDS	< 100 mg/L	200 – 500 mg/L
temperature	20 ± 2.5 °C (68 ± 5 °F)	20 ± 2.5 °C (68 ± 5 °F)
turbidity	< 1 NTU	< 1 NTU

NOTE – Where precipitation of the metals occurs, or premature plugging of the filter being tested occurs, deionized water shall be used instead of water from a public water supply. Appropriate calcium salts, or magnesium salts, or both, shall be added to provide the desired TDS (refer to table of standard Ksp values). The pH adjustment required shall not cause precipitation of the metals.

Reason: To clarify the definition of the test water for the 8.5 pH mercury reduction testing.

**SUMMARY OF CHANGES TO ANSI/SPI B151.15-2003
EXTRUSION BLOWMOLDING MACHINES – SAFETY REQUIREMENTS FOR
MANUFACTURE, CARE & USE**

Section 5.2.3 – Hydraulic or Pneumatic Interlock

- 4th line – change the word “*permit*” to “*prevent*”

Add new section 6.5 – Setting Movements

- 6.5.1 – Blowmolding machines shall be designed to enable setting movements to be undertaken from outside the guards.
- 6.5.2 – Where there are points on machines at which the setting movements can only be undertaken with the guards opened, the following shall be met;
 - 6.5.2.1 – An operating mode selector shall be provided which can be locked in the set up mode with a removable key. The selector shall be hardwired and monitored to ensure proper operations.
 - 6.5.2.2 – The key for the mode selector shall only be issued to person(s) trained in set up operations.
 - 6.5.2.3 – Hazardous movement/motion required for the setting shall only be possible by means of a hold to run device
 - E6.5.2.3 – Such movement/motion required for setting might be that of: a) the blow mold and its parts; b) the blow pin or blow needle; c) individual blow station (multi-station machines); d) rotary wheel; e) parison drop.
 - 6.5.2.4 – When a hold to run control device is fitted on a portable control unit it shall be capable of being taken into the point of operation. An enabling device shall be fitted on such a control unit. The emergency stopping device shall act on all hazardous movements associated with setting operations.
 - 6.5.2.5 – when a hold to run device is not on a portable unit it shall be permanently fixed in such a position that the set-up person has clear view of the point of operation.
 - 6.5.2.6 – A hold to run control device shall only be operable when the mode selector device is in the setting mode.
 - 6.5.2.7 – The setting speeds shall be designed not to exceed 1 inch per second (25mm/sec.).
 - 6.5.2.8 – A pneumatic drive for the setting movements that create a hazard shall not be permitted to function in this mode.
 - 6.5.2.9 – Valves that could override set up speed restrictions through hand or tool shall be made inaccessible (i.e. guarding)