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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: January 31, 2010

API (American Petroleum Institute)

New Standards

BSR/API Standard RP 754-201x, Process Safety Performance Indicators for the Refining and Petrochemical Industries (new standard)

Identifies leading and lagging indicators in the refining and petrochemical industries for nationwide public reporting as well as indicators for use at individual facilities including methods for the development and use of performance indicators.

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

Send comments (with copy to BSR) to: David Soffrin, (202) 682-8157, soffrind@api.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1446-201x, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2009a)

The following change in requirements to the Standard for Safety for Systems of Insulating Materials - General, UL 1446, is being proposed: Change in referenced publications (2.1) to adjust according to changes in 11.3.1.1, which have achieved consensus and will be published in the near future.

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

Send comments (with copy to BSR) to: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME EA-4-201x, Assessment for Compressed Air Systems (new standard)

Covers compressed air systems, which are defined as a group of subsystems comprised of integrated sets of components including air compressors, treatment equipment, controls, piping, pneumatic tools, pneumatically powered machinery, and process applications utilizing compressed air. The objective is consistent, reliable, and efficient delivery of energy to manufacturing equipment and processes.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Ryan Crane, (212) 591-7004, craner@asme.org

Revisions

BSR/ASME B30.20-201x, Below the Hook Lifting Devices (revision of ANSI/ASME B30.20-2006)

Includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of below-the-hook lifting devices, other than components addressed by other ASME B30 volumes or other standards, used for attaching loads to a hoist.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

Comment Deadline: February 15, 2010

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC A-31-201x, Battery Chargers and Inverters (new standard)

Provides a guide for the design, construction, and installation of permanently installed marine alternating current (AC) battery chargers, power inverters, and inverter chargers.

Single copy price: \$75.00

Order from: www.abycinc.org

Send comments (with copy to BSR) to: comments@abycinc.org

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

BSR/ASAE S376.2-JAN98 (R201x), Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipelines (reaffirmation of ANSI/ASAE S376.2-JAN98 (RFEB04))

Applies to underground, thermoplastic pipelines used in the conveyance of irrigation water to the point of distribution and may or may not apply to potable water systems.

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawals

ANSI ATIS 0326800-2004, TMN - PKI - Digital Certificates and Certificate Revocation Lists Profile (withdrawal of ANSI ATIS 0326800-2004)

Promotes interoperability among TMN elements that use Public Key Infrastructure (PKI) to support security-related functions. This standard applies to all TMN Interfaces and applications.

Single copy price: \$25.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to BSR) to: Same

CSA (CSA America, Inc.)

Reaffirmations

BSR Z21.81-2004 (R201x), Standard for Cylinder Connection Devices (reaffirmation of ANSI Z21.81-1997 (R2003) and ANSI Z21.81a-2006)

Details test and examination criteria for Type I and Type II cylinder connection devices intended to connect the cylinder valve on portable LP-Gas containers to the inlet of the regulator on outdoor cooking gas appliances. These cylinder connection devices are intended for vapor withdrawal service only.

Single copy price: \$390.00

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

Send comments (with copy to BSR) to: Same

ESTA (Entertainment Services and Technology Association)

New Standards

BSR E1.6-1-201x, Entertainment Technology - Powered Hoist Systems (new standard)

This draft standard is part of the BSR E1.6 powered theatrical rigging system project. This part, BSR E1.6-1, deals with powered winches that are not serially manufactured electric chain hoists, and is intended to establish requirements for the design, manufacture, inspection, and maintenance of powered hoist systems for lifting and suspending loads in theaters and other places of public assembly.

Single copy price: Free

Obtain an electronic copy from:

http://www.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to BSR) to: Same

BSR E1.6-2-201x, Entertainment Technology -- Design, Inspection, and Maintenance of Serially Manufactured Electric Chain Hoists for the Entertainment Industry (new standard)

This draft standard is a part of the BSR E1.6 powered theatrical rigging systems project. This document, BSR E1.6-2, covers the design, inspection, and maintenance of serially manufactured electric chain hoists used in the entertainment industry as part of a performance or in preparation for a performance.

Single copy price: Free

Obtain an electronic copy from:

http://www.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to BSR) to: Same

NECA (National Electrical Contractors Association)

New Standards

BSR/NECA 700-201x, Installing Overcurrent Protection to Achieve Selective Coordination (new standard)

Describes the application procedures for installing low-voltage overcurrent protective devices to achieve selective coordination.

Single copy price: \$40.00

Obtain an electronic copy from: orderdesk@necanet.org

Order from: Nancy Sipe, (301) 215-4504, orderdesk@necanet.org

Send comments (with copy to BSR) to: am2@necanet.org

NEMA (ASC C29) (National Electrical Manufacturers Association)

Reaffirmations

BSR C29.3-1986 (R201x), Wet-Process Porcelain Insulators - Spool Type (reaffirmation of ANSI C29.3-1986 (R2002))

Covers spool-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy.

Single copy price: \$40.00

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

Send comments (with copy to BSR) to: Scott Choinski, (703) 841-3253, scott.choinski@nema.org

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 102.CAAA-C-1-201x, Digital C4FM/CQPSK Transceiver Measurement Methods - Addendum 1- Faded Channel Simulator (addenda to ANSI/TIA 102.CAAA-C-2008)

Specifies the requirements for the faded channel simulator and will be used to replace the information that is given in TIA 102.CAAA-C. It is intended that, upon future revision of document TIA 102.CAAA-C, the requirements of this addendum will be incorporated into that next revision.

Single copy price: \$63.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to BSR) to: Ronda Coulter, (703) 907-7974, rcoulter@tiaonline.org

Comment Deadline: March 5, 2010

NFPA (National Fire Protection Association)

(See page 6 for introduction)

New Standards

BSR/NFPA 2-201x, Hydrogen Technologies Code (new standard)

Provides fundamental safeguards for the generation, installation, storage, piping, use, and handling of hydrogen in compressed gas (GH2) form or cryogenic liquid (LH2) form. This code shall apply to the production, storage, transfer, and use of hydrogen in all occupancies.

BSR/NFPA 3-201x, Standard on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems (new standard)

Provides the minimum requirements for procedures, methods and documentation for commissioning and the integrated testing of active and passive fire protection and life safety systems.

Revisions

BSR/NFPA 12-201x, Standard on Carbon Dioxide Extinguishing Systems (revision of ANSI/NFPA 12-2008)

Contains minimum requirements for carbon dioxide fire-extinguishing systems. This standard includes only the necessary essentials to make it workable in the hands of those skilled in this field. Portable carbon dioxide equipment is covered in NFPA 10. The use of carbon dioxide for inerting is covered in NFPA 69.

BSR/NFPA 16-201x, Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems (revision of ANSI/NFPA 16-2007)

Contains minimum requirements for the design, installation, and maintenance of foam-water sprinkler and spray systems. These systems shall be designed with the required density for either foam or water application as the controlling factor, depending on the design purpose of the system. It is not the intent of this standard to specify where foam-water sprinkler and spray protection is required. The determination of where foam-water sprinkler and spray systems are required shall be made in accordance with such applicable standards as NFPA 30, Flammable and Combustible Liquids Code, and NFPA 409, Standard on Aircraft Hangars. This standard shall apply only to systems using low-expansion foam.

BSR/NFPA 18A-201x, Standard on Water Additives for Fire Control and Vapor Mitigation (revision of ANSI/NFPA 18A-2007)

Provides the minimum requirements for water additives used for the control and/or suppression of fire and mitigation of flammable vapors.

BSR/NFPA 31-201x, Standard for the Installation of Oil-Burning Equipment (revision of ANSI/NFPA 31-2006)

Applies to the installation of stationary oil-burning equipment and appliances, including but not limited to industrial-, commercial-, and residential-type steam, hot water, or warm air heating plants; domestic-type range burners and space heaters; and portable oil-burning equipment. This standard shall also apply to the following:

- (1) All accessory equipment and control systems, whether electric, thermostatic, or mechanical, and all electrical wiring connected to oil-fired equipment;
- (2) The installation of oil storage and supply systems connected to oil-fired equipment and appliances; and
- (3) Those multi-fueled appliances in which fuel oil is one of the optional fuels.

BSR/NFPA 32-201x, Standard for Drycleaning Plants (revision of ANSI/NFPA 32-2007)

Applies to establishments defined as drycleaning plants.

BSR/NFPA 35-201x, Standard for the Manufacture of Organic Coatings (revision of ANSI/NFPA 35-2005)

Applies to facilities that use flammable and combustible liquids to manufacture organic coatings for automotive, industrial, institutional, household, marine, printing, transportation, and other applications.

BSR/NFPA 51A-201x, Standard for Acetylene Cylinder Charging Plants (revision of ANSI/NFPA 51A-2006)

Applies to plants that are engaged in the generation and compression of acetylene and in the charging of acetylene cylinders, either as their sole operation or in conjunction with facilities for charging other compressed gas cylinders.

BSR/NFPA 79-201x, Electrical Standard for Industrial Machinery (revision of ANSI/NFPA 79-2007)

Applies to the electrical/electronic equipment, apparatus, or systems of industrial machines operating from a nominal voltage of 600 volts or less, and commencing at the point of connection of the supply to the electrical equipment of the machine.

BSR/NFPA 85-201x, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2007)

Applies to single burner boilers, multiple burner boilers, stokers, and atmospheric fluidized-bed boilers with a fuel input rating of 3.7 MWt (12.5 million Btu/hr) or greater, to pulverized fuel systems, to fired or unfired steam generators used to recover heat from combustion turbines [heat recovery steam generators (HRSGs)], and to other combustion turbine exhaust systems. This code covers design, installation, operation, maintenance, and training. This code also covers strength of the structure; operation and maintenance procedures; combustion and draft control equipment; safety interlocks; and alarms, trips, and other related controls that are essential to safe equipment operation.

BSR/NFPA 102-201x, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures (revision of ANSI/NFPA 102-2006)

Addresses the following:

- (1) The construction, location, protection, and maintenance of grandstands and bleachers, folding and telescopic seating, tents, and membrane structures; and
- (2) Seating facilities located in the open air or within enclosed or semi-enclosed structures such as tents, membrane structures, and stadium complexes.

BSR/NFPA 253-201x, Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/NFPA 253-2006)

Describes a procedure for measuring critical radiant flux behavior of horizontally mounted floor covering systems exposed to a flaming ignition source in a graded, radiant heat energy environment within a test chamber. The specimen can be mounted over underlayment or over a simulated concrete structural floor, bonded to a simulated structural floor, or otherwise mounted in a typical and representative way.

BSR/NFPA 262-201x, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces (revision of ANSI/NFPA 262-2002 (R2007))

Prescribes the methodology to measure flame travel distance and optical density of smoke for insulated, jacketed, or both, electrical wires and cables and optical fiber cables that are to be installed in plenums and other spaces used to transport environmental air without being enclosed in raceways.

BSR/NFPA 265-201x, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Coverings on Full Height Panels and Walls (revision of ANSI/NFPA 265-2007)

Describes a test method for determining the contribution of textile wall coverings to room fire growth during specified fire-exposure conditions. This test method shall be used to evaluate the flammability characteristics of textile wall coverings where such materials constitute the exposed interior surfaces of buildings and demountable, relocatable, full-height partitions used in open building interiors.

BSR/NFPA 285-201x, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components (revision of ANSI/NFPA 285-2006)

Provides a method of determining the flammability characteristics of exterior, non-load-bearing wall assemblies/panels. The test method described is intended to evaluate the inclusion of combustible components within wall assembled/panels of buildings that are required to be of non-combustible construction. It is intended to simulate the tested wall assemblies' fire performance.

BSR/NFPA 418-201x, Standard for Heliports (revision of ANSI/NFPA 418-2006)

Specifies the minimum requirements for fire protection for heliports and rooftop hangars.

BSR/NFPA 730-201x, Guide for Premises Security (revision of ANSI/NFPA 730-2008)

Describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property. This guide is not intended to supersede government statutes or regulations.

BSR/NFPA 731-201x, Standard for the Installation of Electronic Premises Security Systems (revision of ANSI/NFPA 731-2008)

Covers the application, location, installation, performance, testing, and maintenance of electronic premises security systems and their components.

BSR/NFPA 1192-201x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2008)

Covers fire and life safety criteria for recreational vehicles.

BSR/NFPA 1194-201x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2008)

Provides the minimum construction requirements for safety and health for occupants using facilities supplied by recreational vehicle parks and campgrounds offering temporary living sites for use by recreational vehicles, recreational park trailers, and other camping units.

BSR/NFPA 1405-201x, Guide for Land-Based Fire Fighters Who Respond to Marine Vessel Fires (revision of ANSI/NFPA 1405-2006)

Identifies the elements of a comprehensive marine fire-fighting response program including, but not limited to, vessel familiarization, training considerations, pre-fire planning, and special hazards that enable land-based fire fighters to extinguish vessel fires safely and efficiently. In general, the practices recommended in this publication apply to vessels that call at United States ports or that are signatory to the Safety of Life at Sea (SOLAS) agreement.

BSR/NFPA 1906-201x, Standard for Wildland Fire Apparatus (revision of ANSI/NFPA 1906-2006)

Defines the requirements for new automotive fire apparatus, including apparatus equipped with a slip-on fire-fighting module, designed primarily to support wildland fire-suppression operations.

BSR/NFPA 1912-201x, Standard for Fire Apparatus Refurbishing (revision of ANSI/NFPA 1912-2006)

Specifies the minimum requirements for the refurbishing of automotive fire apparatus utilized for fire fighting and rescue operations, whether the refurbishing is done at the fire department or municipal maintenance facilities, or at the facilities of private contractors or apparatus manufacturers.

BSR/NFPA 1977-201x, Standard on Protective Clothing and Equipment for Wildland Fire Fighting (revision of ANSI/NFPA 1977-2005)

Specify the minimum design, performance, testing, and certification requirements for protective clothing, helmets, gloves, and footwear that are designed to protect fire fighters against adverse environmental effects during wildland fire-fighting operations.

BSR/NFPA 2001-201x, Standard on Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2008)

Contains minimum requirements for total flooding and local application clean agent fire extinguishing systems. This standard does not cover fire-extinguishing systems that use carbon dioxide or water as the primary extinguishing media, which are addressed by other NFPA documents.

Reaffirmations

BSR/NFPA 901-2006 (R201x), Standard Classifications for Incident Reporting and Fire Protection Data (reaffirmation of ANSI/NFPA 901-2006)

Describes and defines data elements and classifications used by many fire departments in the United States and other countries to describe fire damage potential and experience during incidents. This standard does not provide guidelines for a reporting system or related forms.

Withdrawals

ANSI/NFPA 251-2006, Standard Methods of Tests of Fire Resistance of Building Construction and Materials (withdrawal of ANSI/NFPA 251-2006)

Applies to assemblies of masonry units and to composite assemblies of structural materials for buildings, including bearing and other walls and partitions, columns, girders, beams, slabs, and composite slab and beam assemblies for floors and roofs. This standard also applies to other assemblies and structural units that constitute permanent integral parts of a finished building. It is the intention of this standard that classifications be based on performance during the period of exposure and shall not be used to determine suitability for use after fire exposure.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
2010 FALL REVISION CYCLE REPORT ON PROPOSALS
COMMENT CLOSING DATE: March 5, 2010**

The National Fire Protection Association, in cooperation with ANSI, has developed a procedure whereby the availability of the semi-annual NFPA Report on Proposals will be announced simultaneously by NFPA and ANSI for review and comment.

Disposition of all comments will be published in the semi-annual NFPA Report on Comments, a copy of which will automatically be sent to all commentors, and to others upon request. All comments for the 2010 Fall Revision Cycle Report on Proposals must be received by March 5, 2010.

The NFPA 2010 Fall Revision Cycle Report on Proposals contains the Reports listed on pages 3 – 5. If you wish to comment on these Reports, they are available and downloadable from the NFPA Website at www.nfpa.org or request the 2010 Fall Revision Cycle Report on Proposals (ROP 10 FRC) from the:

National Fire Protection Association
Publications/Sales Department
11 Tracy Drive
Avon, MA 02322

Please note that some documents in the Report on Proposals do not contain the complete text of standards that are being revised, reconfirmed, or withdrawn. The full text of the standard is available from NFPA.

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:

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460

Fax: (410) 990-4466
Web: www.abycinc.org/index.cfm

ASABE

American Society of Agricultural
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2950 Niles Road
St Joseph, MI 49085
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Web: www.asabe.org

ASME

American Society of Mechanical
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Fax: (301) 215-4500
Web: www.necanet.org

NFPA

National Fire Protection
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One Batterymarch Park
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Fax: (617) 770-3500
Web: www.nfpa.org

Send comments to:

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org/index.cfm

API (Organization)

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8157
Fax: (202) 682-8051
Web: www.api.org

ASABE

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2950 Niles Road
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Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASME

American Society of Mechanical
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Fax: (212) 591-8501
Web: www.asme.org

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1200 G Street, NW
Suite 500
Washington, DC 20005
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Web: www.atis.org

CSA

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Web: www.csa-america.org/

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875 Sixth Avenue, Suite 1005
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1300 North 17th Street, Suite 1752
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Fax: (703) 841-3353
Web: www.nema.org

NFPA

National Fire Protection
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Phone: (617) 770-3000
Fax: (617) 770-3500
Web: www.nfpa.org

TIA

Telecommunications Industry
Association
2500 Wilson Blvd
Arlington, VA 22201
Phone: (703) 907-7974
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747
Phone: (631) 546-2593
Fax: (631) 439-6021
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: Edmund Baniak

Phone: (202) 682-8135

Fax: (202) 962-4797

E-mail: baniake@api.org

BSR/API RP 17A/ISO 13628-1/Amd 1 -201x, Design and Operation of
Subsea Production Systems - General Requiements and
Recommendations (addenda to ANSI/API RP 17A/ISO 13628-1-201x)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center, 11th Floor
Bethesda, MD 20814

Contact: Michael Johnston

Phone: (301) 215-4521

Fax: (301) 215-4500

E-mail: am2@necanet.org

BSR/NECA 700-201x, Installing Overcurrent Protection to Achieve
Selective Coordination (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: Ronda Coulter

Phone: (703) 907-7974

Fax: (703) 907-7727

E-mail: rcoulter@tiaonline.org

BSR/TIA 102.CAAA-C-1-201x, Digital C4FM/CQPSK Transceiver
Measurement Methods - Addendum 1- Faded Channel Simulator
(addenda to ANSI/TIA 102.CAAA-C-2008)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
RTP, NC 27709

Contact: Nicolette Allen

Phone: (919) 549-0973

Fax: (919) 316-5727

E-mail: Nicolette.Allen@us.ul.com

BSR/UL 1370-201x, Standard for Safety for Unvented Alcohol Fuel
Burning Decorative Heating Appliances (new standard)

BSR/UL 2735-201x, Standard for Safety for Electric Utility Meters (new
standard)

Final actions on American National Standards

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

ADA (American Dental Association)

Reaffirmations

ANSI/ADA 100-2004 (R2009), Orthodontic Brackets and Tubes
(reaffirmation of ANSI/ADA 100-2004): 12/22/2009

ANSI/ADA Specification No. 48-2004 (R2009), Visible Light Curing
Units (reaffirmation of ANSI/ADA 48-2004): 12/22/2009

ANSI/ADA Specification No. 85-Part 1-2004 (R2009), Disposable
Prophy Angles (reaffirmation of ANSI/ADA 85-Part 1-2004):
12/22/2009

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

ANSI/ASAE S422-MAR95 (R2009), Mapping Symbols and
Nomenclature for Erosion and Sediment Control Plans for Land
Disturbing Activities (reaffirmation of ANSI/ASAE S422-MAR95
(R2005)): 12/22/2009

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME NUM-1-2009, Rules for Construction of Cranes,
Monorails, and Hoists (with Bridge or Trolley or Hoist of the
Underhung Type) (revision of ANSI/ASME NUM-1-2004):
12/22/2009

NECA (National Electrical Contractors Association)

New Standards

ANSI/NECA 331-2009, Standard for Building and Service Grounding
and Bonding (new standard): 12/22/2009

NSF (NSF International)

Revisions

ANSI/NSF 60-2009 (i45), Drinking Water Treatment Chemicals -
Health Effects (revision of ANSI/NSF 60-2009): 12/11/2009

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 414-2009B, Standard for Safety for Meter Sockets (revision
of ANSI/UL 414-2009a): 12/21/2009

ANSI/UL 2200-2009A, Standard for Safety for Stationary Engine
Generator Assemblies (revision of ANSI/UL 2200-2004): 12/21/2009

ANSI/UL 2200-2009B, Standard for Safety for Stationary Engine
Generator Assemblies (revision of ANSI/UL 2200-2004): 12/21/2009

ANSI/UL 2200-2009C, Standard for Safety for Stationary Engine
Generator Assemblies (revision of ANSI/UL 2200-2004): 12/21/2009

Project Initiation Notification System (PINS)

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

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

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

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Edmund Baniak*

Fax: (202) 962-4797

E-mail: baniake@api.org

BSR/API RP 17A/ISO 13628-1/Amd 1-201x, Design and Operation of Subsea Production Systems - General Requirements and Recommendations (addenda to BSR/API RP 17A/ISO 13628-1-201x)

Stakeholders: Subsea equipment manufacturers.

Project Need: To update and create one industry standard.

Amends Clause 6 with a revised set of provisions that includes the general material design requirements and recommendations applicable to the complete subsea production system. This amendment has been based on the previous clause 6, EEMUA Publication 194, several NORSOK standards, and many oil company and supplier material specifications.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Roland Goodman*

Fax: (202) 962-4797

E-mail: goodman@api.org

BSR/API Recommended Practice 19G4-201x, Practices for Side-pocket Mandrels and Related Equipment (identical national adoption of ISO/FDIS 17078-4)

Stakeholders: Petroleum exploration and production companies and equipment manufacturers.

Project Need: To provide guidance on side-pocket mandrels and related equipment.

Provides informative documentation to assist the user/purchaser and the supplier/manufacturer in specification, design, selection, testing, calibration, reconditioning, installation and use of side-pocket mandrels, flow-control devices, and associated latches and installation tools.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASAE S276.7 MONYEAR-201x, Slow Moving Vehicle Emblem (SMV Emblem) (revision of ANSI/ASAE S276.6-JAN05)

Stakeholders: Manufactures of SMV signs, equipment manufacturers, Users of SMV signs.

Project Need: To update requirements for testing backing material.

Establishes specifications that define a unique identification emblem, the Slow Moving Vehicle Emblem, used only for slow moving machines when operated or traveling on public roads. Purpose is to communicate to third parties the slower speed capabilities of the slow moving vehicle to other vehicle(s) using public roads. Primary application of SMV emblem will be with implements of husbandry but may be used with other machines/vehicles traveling at speeds < 40 km/h (25 mile/h) & in combination with a Speed Information Symbol (SIS) on vehicles which travel at speeds between 40 km/h (25 mile/h) and 65 km/h (40 mile/h).

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: *Isabel Bailey*

Fax: (410) 267-0961

E-mail: isabel.baileyx9@verizon.net

BSR X9.112-3-201x, Wireless Management and Security - Part 3: Mobile Banking (new standard)

Stakeholders: Financial institutions, merchants, payment providers, phone, SIM and software manufacturers, mobile carriers.

Project Need: The mobile environment represents a challenging interplay between the financial services, mobile manufacturers and mobile carriers industries. Financial institutions, merchants, payment providers and consumers all need a level of assurance.

Cumulates numerous risk factors for unattended and card-not-present transactions on untrustworthy platforms using all-pervasive wireless connections.

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME MFC-5.2-201x, Measurement of Liquid Flow in Closed Conduits Using Cross-correlation Ultrasonic Flowmeters (revision and partition of ANSI/ASME MFC-5M-1985 (R2006))

Stakeholders: Manufacturers and users of cross-correlation ultrasonic flowmeters.

Project Need: To provide for measurement of liquid flow in closed conduits using cross-correlation ultrasonic flowmeters.

Applies only to ultrasonic flowmeters that base their operation on the cross-correlation of modulated acoustic signals. This Standard concerns the volume flowrate measurement of a single-phase or multiphase liquid with steady flow or flow varying only slowly with time in a completely filled closed conduit.

BSR/ASME MFC-5.3-201x, Measurement of Liquid Flow in Closed Conduits Using Doppler Ultrasonic Flowmeters (revision and partition of ANSI/ASME MFC-5M-1985 (R2006))

Stakeholders: The manufacturers and users of doppler ultrasonic flowmeters.

Project Need: To provide requirements for doppler ultrasonic flowmeters for the measurement of liquid flow.

Applies only to ultrasonic flowmeters that base their operation on the scattering (Doppler) of acoustic signals. This standard concerns the volume flowrate measurement of two-phase liquid with steady flow or flow varying only slowly with time in a completely filled closed conduit.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: *Kerriane Conn*

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR ATIS 0300003-201x, XML Schema Interface for Fault Management (Trouble Administration) (revision of ANSI ATIS 0300003-2008)

Stakeholders: Communications Industry.

Project Need: To provide an XML schema information model for Trouble Administration.

This standard -- formerly known as T1.278-200X -- provides an XML schema information model for Trouble Administration based on T1.227-2000/T1.228-1995 (R1999) and an XML schema interface for Trouble Administration functions and services specified in the same American National Standards.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
RTP, NC 27709

Contact: *Nicolette Allen*

Fax: (919) 316-5727

E-mail: Nicolette.Allen@us.ul.com

BSR/UL 1370-201x, Standard for Safety for Unvented Alcohol Fuel Burning Decorative Heating Appliances (new standard)

Stakeholders: Manufacturers and users of unvented alcohol fuel burning decorative heating appliances.

Project Need: To obtain national recognition of a standard covering unvented alcohol-fuel-burning decorative heating appliances.

Applies to factory-built unvented liquid or gelled alcohol based, fuel burning decorative appliances intended to be fixed non-moveable appliances including only the following:

- (a) Floor-mounted appliances with a minimum width of 36 inches (914 cm) and a minimum weight of 100 pounds (45.36 kg);
- (b) Wall-mounted appliances; and
- (c) Fireplace inserts.

These appliances are intended to be decorative in nature and limited to a maximum input rate of 0.25 gallons of fuel per hour (0.95 liters per hour). Fuel oils, kerosene, gasoline, and other non-alcohols are not covered by these requirements.

BSR/UL 2735-201x, Standard for Safety for Electric Utility Meters (new standard)

Stakeholders: Manufacturers and users of electric utility meters

Project Need: To obtain national recognition of a standard covering electric utility meters.

Covers electric utility meters that measure, monitor, record, transmit, or receive electrical energy generation or consumption information. Meters may be provided with one- or two-way communication.

VC (ASC Z80) (The Vision Council)

Office: 1700 Diagonal Road, Suite 500
Alexandria, VA 22314

Contact: *Amber Robinson*

Fax: (703) 548-4580

E-mail: arobinson@thevisioncouncil.org

BSR Z80.5-201x, Frames (revision of ANSI Z80.5-2004)

Stakeholders: Opticians, optometrists, ophthalmologists, frame manufacturers, and frame distributors.

Project Need: To call out additional frame material characteristics associated with biocompatibility and relegate the biocompatibility of those requirements to state and federal standards or guidelines.

Applies to the manufacture of all frames intended for street wear as ophthalmic eyewear with prescription lenses, excluding specialty and novelty products such as lorgnettes and monocles.

American National Standards Maintained Under Continuous Maintenance

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

Continuous maintenance is defined as follows:

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

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

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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

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

Proposed Foreign Government Regulations

Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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

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

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

Meeting Notices

Green Building Initiative's Full Technical Committee

The next meeting of the Green Building Initiative's Full Technical Committee has been scheduled regarding the GBI Proposed American National Standard 01-200XP: Green Building Assessment Protocol for Commercial Buildings. The following are the details of the meeting:

Full Technical Committee Meeting on GBI 01-200XP

January 13, 2010 - 1:00-4:00 pm EST

The meeting will be held by teleconference. The meeting is open to the public. Your pre-registration is requested. Please register with Sara Rademacher, Secretariat, at (207) 236-2920 or sara@thegbi.org.

Information Concerning

International Organization for Standardization (ISO)

Call for Administrator and formation of an Accredited US Technical Advisory Group (TAG) for a potential ISO Committee on Asset Management

The August 28, 2009 issue of STANDARDS ACTION announced that BSI (United Kingdom) submitted to ISO a proposal for a series of three ISO standards on the subject of Asset Management, with the following scope statements for each:

Asset management – Overview, principles and terminology

This International Standard provides:

- a) an overview of the asset management family of standards;
- b) an introduction to asset management;
- c) a description of the underlying principles of asset management
- d) examples of the application of asset management principles,
- e) a brief description of the Plan-Do-Check-Act (PDCA) methodology and its application within the asset management standards; and
- f) details of the terms and definitions for use in the asset management family of standards.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

Asset management – Requirements

This International Standard specifies the requirements for an asset management system to optimally and sustainably manage physical assets and asset systems over their life cycles.

This International Standard is applicable to any organization that wishes to:

- a) establish an asset management system to optimally and sustainably manage its physical assets over their life cycles or over a defined long-term period;
- b) implement, maintain and improve the management of its assets;
- c) assure itself of conformity with its stated asset management policy and strategy,
- d) demonstrate conformity with this International Standard by
- e) making a self-determination and self-declaration, or
- f) seeking confirmation of its conformance by parties having an interest in the organization, such as customers, or
- g) seeking confirmation of its self-declaration by a party external to the organization, or
- h) seeking certification/registration of its asset management system by an external organization.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

NOTE 1

The management of physical assets is inextricably linked to the management of other asset types (for example, the optimal life cycle management of physical assets is heavily dependent upon information and knowledge, human assets and financial resources, and often has a significant impact on reputation and customer satisfaction); these other asset types are addressed within the requirements of this International Standard, insofar as they have a direct impact on the management of physical assets.

NOTE 2

The organization can need to manage its assets optimally for an indefinite period into the future i.e. in perpetuity; in such situations the organization can define the "long-term period" to be in alignment with the time horizon of its organizational strategic plan, including the life cycles of critical assets.

Asset management – Guidelines on the application of ISO Asset Management Requirements Standard

This International Standard provides guidelines for the application of the requirements specified in the ISO asset management requirements standard. It provides guidance on the establishment, implementation, maintenance and improvement of an asset management system and its coordination with other management systems.

This International Standard does not prescribe mandatory approaches, methods or tools for the implementation of the requirements of the ISO asset management requirements standard, but rather seeks to aid understanding and implementation by means of examples and illustrations.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standards does not create any additional requirements to those specified in the ISO asset management requirements standard.

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

BSI has indicated their intention to have a first meeting shortly after ISO Technical Management Board (TMB) acceptance of this new work item. Therefore, it is important, should there be interest for the United States undertaking participating status in this committee, that ANSI be contacted regarding the formation of an accredited US Technical Advisory Group (TAG) for this ISO committee.

For more information concerning the establishment of a US TAG and/or serving as Administrator of a US TAG, please contact rhowenstine@ansi.org .

International Organization for Standardization (ISO)

Call for Administrator and formation of an Accredited US Technical Advisory Group (TAG) for a potential ISO Committee on Reuse of Treated Wastewater

The June 19, 2009 issue of STANDARDS ACTION announced that Israel (SII) submitted to ISO a proposal for an ISO standard on the subject of Treated Wastewater Reuse (TWW), with the following scope statement:

Standardization in the field of the reuse of treated wastewater

The standard will deal with the requirements and processes involved in the development of health, environmentally viable and sustainable projects for the reuse of treated wastewater in agriculture, landscape and industry.

The standard will state the conditions necessary for the design, construction, operation and maintenance of such projects without endangering or causing damage to the health of the people affected by the projects to the environment, to the soil, or to the crops and to the hydrological situation in the area.

The standardization process shall refer to the complex management of all the internal and external elements that affect or can be affected by the implementation of such projects and will refer to other aspects such as:

- wastewater treatment plants: design, building, operation and maintenance requirements,
- treated wastewater distribution and storage systems: design, building, operation and maintenance requirements,
- irrigation systems: design, operation and maintenance requirements,
- wastewater quality suitability to soils and crops
- wastewater quality demands, specially in hydrological sensible regions

This International guideline will deal with the management of projects, specifying requirements and procedures to integrate health and environmental aspects into design, operation and development processes of projects related to treated wastewater reuse and the products obtained from such projects.

SII has indicated their intention to have a first meeting shortly after ISO Technical Management Board (TMB) acceptance of this new work item. Therefore it is important, should there be interest for the United States undertaking participating status in this committee, that ANSI be contacted regarding the formation of an accredited US Technical Advisory Group (TAG) for this ISO committee.

For more information concerning the establishment of a US TAG and/or serving as Administrator of a US TAG, please contact rhowenstine@ansi.org.

BSR/API Standard RP 754-201x—Process Safety Performance Indicators for the Petroleum and Petrochemical Industries

6.2 Tier 1 Indicator Definition and Consequences

A Tier 1 Process Safety Event (T-1 PSE) is a loss of primary containment (LOPC) with the greatest consequence as defined by this document. A T-1 PSE is an unplanned or uncontrolled release of any material, including non-toxic and non-flammable materials (e.g., steam, hot condensate, nitrogen, compressed CO₂, or compressed air), from a process that results in one or more of the consequences listed below:

Note: Non-toxic and non-flammable materials (e.g., steam, hot water, nitrogen, compressed CO₂ or compressed air) have no threshold quantities and are only included in this definition as a result of their potential to result in one of the other consequences.

- An employee, contractor or subcontractor “days away from work” injury and/or fatality; or
- A hospital admission and/or fatality of a third-party; or
- An officially declared community evacuation or community shelter-in-place; or
- A fire or explosion resulting in greater than or equal to \$25,000 of direct cost to the Company; or
- A pressure relief device (PRD) discharge to atmosphere or to a downstream destructive device that results in one or more of the following four consequences:
 - liquid carryover; or
 - discharge to a potentially unsafe location; or
 - an onsite shelter-in-place; or
 - public protective measures (e.g., road closure);
 and a PRD discharge quantity greater than the threshold quantities in Table 1; or
- A release of material greater than the threshold quantities described in Table 1 in any one-hour period.

7.2 Tier 2 Indicator Definition and Consequences

A Tier 2 Process Safety Event (T-2 PSE) is a LOPC with lesser consequence. A T-2 PSE is an unplanned or uncontrolled release of any material, including non-toxic and non-flammable materials (e.g., steam, hot condensate, nitrogen, compressed CO₂, or compressed air), from a process that results in one or more of the consequences listed below and is not reported in Tier 1:

Note: Non-toxic and non-flammable materials (e.g., steam, hot water, nitrogen, compressed CO₂ or compressed air) have no threshold quantities and are only included in this definition as a result of their potential to result in one of the other consequences.

- An employee, contractor or subcontractor recordable injury; or
- A fire or explosion resulting in greater than or equal to \$2,500 of direct cost to the Company; or
- A pressure relief device (PRD) discharge to atmosphere or to a downstream destructive device that results in one or more of the following four consequences:
 - liquid carryover; or
 - discharge to a potentially unsafe location; or
 - an onsite shelter-in-place; or
 - public protective measures (e.g., road closure);
 and a PRD discharge quantity greater than the threshold quantity in Table 2; or
- A release of material greater than the threshold quantities described in Table 2 in any one-hour period.

Table 3 — Stakeholder Report Information

		Industry	Company	Site
Tier 1	PSE Count	X	See Note ¹	
	PSE Rate	X	X	See Note ²
Tier 2	PSE Count	X	See Note ³⁻¹	See Note ³
	PSE Rate	X	X	X
Notes: ¹ Comparisons among companies and industries are only statistically valid on a rate basis; therefore, Company and Site PSE counts are not reported publically. ² An insufficient number of Tier 1 PSEs is expected at the site level to make the PSE rate statistically valid.				

³Companies and sites with ten or fewer employees or contractors at all times during the reporting period shall report their PSE count in lieu of a PSE rate.

Table 2 — Tier-2 Material Release Threshold Quantities

Threshold Release Category	Material Hazard Classification ^{1,3,4}	Threshold Quantity (outdoor release)	Threshold Quantity (indoor ² release)
1	TIH Hazard Zone A Materials	0.5 kg (1 lb)	0.25 kg (0.5 lbs)
2	TIH Hazard Zone B, C, and D Materials	2.2 2.5 kg 5.0 (5.5 lbs)	4.4 1.3 kg 2.5 (2.8 lbs)
3	TIH Hazard Zone C Materials	10 kg (22 lbs)	5 kg (11 lbs)
4	TIH Hazard Zone D Materials	20 kg (44 lbs)	10 kg (22 lbs)
35	Flammable Gases or Liquids with Boiling Point ≤ 35 °C (95 °F) and Flash Point < 23 °C (73 °F) or Other Packing Group I Materials	50 kg (100 lbs)	25 kg (50 lbs)
46	Liquids with a Boiling Point > 35 °C (95 °F) and Flash Point < 60 °C (140 °F) or Liquids with Flash Point > 60 °C (140 °F) released at or above Flash Point; or Other Packing Group II and III Materials or Strong acids and bases	100 kg (220 lbs) or 1 bbl	50 kg (110 lbs) or 0.5 bbl
57	Liquids with Flash Point > 60 °C (140 °F) released at a temperature below Flash Point or Moderate acids/bases	1000 kg (2200 lbs) or 10 bbl	500 kg (1100 lbs) or 5 bbl

In order to simplify determination of reporting thresholds for Tier 2, the categories in Tier 1 have been reduced to 5 categories in Tier 2. Categories 6 and 7 in Tier 1 have been combined into one category in Tier 2 (Category 6). The simplification is intended to provide less complicated requirements for those events with lesser consequences.

It is recognized that threshold quantities given in kg and lbs or in lbs and bbl are not exactly equivalent. Companies should select one of the pair and use it consistently for all recordkeeping activities.

¹ Many materials exhibit multiple hazards. Correct placement in Hazard Zone or Packing Group shall follow the rules of DOT 49 CFR 173.2a [REF 14] or UN Recommendations on the Transportation of Dangerous Goods, Section 2 [REF 10].

² A structure composed of four complete (floor to ceiling) walls, floor and roof.

³ For solutions not listed on the UNDG, the anhydrous component shall determine the TIH hazard zone or Packing Group classification. The threshold quantity of the solution shall be back calculated based on the threshold quantity of the dry component weight.

⁴ For mixtures where the UNDG classification is unknown, the fraction of threshold quantity release for each component may be calculated. If the sum of the fractions is equal to or greater than 100%, the mixture exceeds the threshold quantity. Where there are clear and independent toxic and flammable consequences associated with the mixture, the toxic and flammable hazards are calculated independently. See Annex A, Examples 28, 29 and 30.

Topic 1. Change in referenced publications 2.1 to adjust according to changes in 11.3.1.1 which have achieved consensus and will be published in the near future

PROPOSAL FOR BSR/UL 1446

2.1 This Standard refers to the following publications and where such reference is made it shall be to the edition listed below. Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

ASTM Standards

ASTM D1676,
Test Methods for Film-Insulated Magnet Wire

ASTM D1932,
Test Method for Thermal Endurance of Flexible Electrical Insulating Varnishes

ASTM D2307,
Test Method for Relative Thermal Endurance of Film-Insulated Round Magnet Wire
Exception - Specimens shall be thermal aged in ASTM D5423 Type I or Type II ovens.

ASTM D2519,
Standard Method of Test for Bond Strength of Electrical Insulating Varnishes by Helical Coil Test

ASTM D3145,
Test Method for Thermal Degradation/Endurance by Helical Coil Method

ASTM D3251,
Test Method for Thermal-Aging Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire

ASTM D5642,
Test Method for Sealed Tube Chemical Compatibility Test

ASTM E178,
Standard Practice for Dealing with Outlying Observations

IEC Standards

IEC 61857 (All Parts),
Electrical Insulation Systems - Procedures for Thermal Evaluation

IEEE Standards

IEEE No. 1,
General Principles for Temperature Limits in the Rating of Electrical Equipment

IEEE No. 99,
Guide for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electric Equipment

IEEE No. 101,
Guide for the Statistical Analysis of Thermal Life Test Data

IEEE No. 117,
Standard Test Procedure for Evaluation of Systems of Insulating Materials for Random-Wound AC Electrical Machinery

IEEE No. 259,
Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose Transformers



Standards Action Publishing Schedule for 2010, Volume No. 41

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/15/2009	12/21/2009	1-JAN	1/31/2010	2/15/2010	3/2/2010
2	12/22/2009	12/28/2009	8-JAN	2/7/2010	2/22/2010	3/9/2010
3	12/29/2009	1/4/2010	15-JAN	2/14/2010	3/1/2010	3/16/2010
4	1/5/2010	1/11/2010	22-JAN	2/21/2010	3/8/2010	3/23/2010
5	1/12/2010	1/18/2010	29-JAN	2/28/2010	3/15/2010	3/30/2010
6	1/19/2010	1/25/2010	5-FEB	3/7/2010	3/22/2010	4/6/2010
7	1/26/2010	2/1/2010	12-FEB	3/14/2010	3/29/2010	4/13/2010
8	2/2/2010	2/8/2010	19-FEB	3/21/2010	4/5/2010	4/20/2010
9	2/9/2010	2/15/2010	26-FEB	3/28/2010	4/12/2010	4/27/2010
10	2/16/2010	2/22/2010	5-MAR	4/4/2010	4/19/2010	5/4/2010
11	2/23/2010	3/1/2010	12-MAR	4/11/2010	4/26/2010	5/11/2010
12	3/2/2010	3/8/2010	19-MAR	4/18/2010	5/3/2010	5/18/2010
13	3/9/2010	3/15/2010	26-MAR	4/25/2010	5/10/2010	5/25/2010
14	3/16/2010	3/22/2010	2-APR	5/2/2010	5/17/2010	6/1/2010
15	3/23/2010	3/29/2010	9-APR	5/9/2010	5/24/2010	6/8/2010
16	3/30/2010	4/5/2010	16-APR	5/16/2010	5/31/2010	6/15/2010
17	4/6/2010	4/12/2010	23-APR	5/23/2010	6/7/2010	6/22/2010
18	4/13/2010	4/19/2010	30-APR	5/30/2010	6/14/2010	6/29/2010
19	4/20/2010	4/26/2010	7-MAY	6/6/2010	6/21/2010	7/6/2010
20	4/27/2010	5/3/2010	14-MAY	6/13/2010	6/28/2010	7/13/2010
21	5/4/2010	5/10/2010	21-MAY	6/20/2010	7/5/2010	7/20/2010
22	5/11/2010	5/17/2010	28-MAY	6/27/2010	7/12/2010	7/27/2010
23	5/18/2010	5/24/2010	4-JUN	7/4/2010	7/19/2010	8/3/2010
24	5/25/2010	5/31/2010	11-JUN	7/11/2010	7/26/2010	8/10/2010
25	6/1/2010	6/7/2010	18-JUN	7/18/2010	8/2/2010	8/17/2010
26	6/8/2010	6/14/2010	25-JUN	7/25/2010	8/9/2010	8/24/2010
27	6/15/2010	6/21/2010	2-JUL	8/1/2010	8/16/2010	8/31/2010



Standards Action Publishing Schedule for 2010, Volume No. 41

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
28	6/22/2010	6/28/2010	9-JUL	8/8/2010	8/23/2010	9/7/2010
29	6/29/2010	7/5/2010	16-JUL	8/15/2010	8/30/2010	9/14/2010
30	7/6/2010	7/12/2010	23-JUL	8/22/2010	9/6/2010	9/21/2010
31	7/13/2010	7/19/2010	30-JUL	8/29/2010	9/13/2010	9/28/2010
32	7/20/2010	7/26/2010	6-AUG	9/5/2010	9/20/2010	10/5/2010
33	7/27/2010	8/2/2010	13-AUG	9/12/2010	9/27/2010	10/12/2010
34	8/3/2010	8/9/2010	20-AUG	9/19/2010	10/4/2010	10/19/2010
35	8/10/2010	8/16/2010	27-AUG	9/26/2010	10/11/2010	10/26/2010
36	8/17/2010	8/23/2010	3-SEP	10/3/2010	10/18/2010	11/2/2010
37	8/24/2010	8/30/2010	10-SEP	10/10/2010	10/25/2010	11/9/2010
38	8/31/2010	9/6/2010	17-SEP	10/17/2010	11/1/2010	11/16/2010
39	9/7/2010	9/13/2010	24-SEP	10/24/2010	11/8/2010	11/23/2010
40	9/14/2010	9/20/2010	1-OCT	10/31/2010	11/15/2010	11/30/2010
41	9/21/2010	9/27/2010	8-OCT	11/7/2010	11/22/2010	12/7/2010
42	9/28/2010	10/4/2010	15-OCT	11/14/2010	11/29/2010	12/14/2010
43	10/5/2010	10/11/2010	22-OCT	11/21/2010	12/6/2010	12/21/2010
44	10/12/2010	10/18/2010	29-OCT	11/28/2010	12/13/2010	12/28/2010
45	10/19/2010	10/25/2010	5-NOV	12/5/2010	12/20/2010	1/4/2011
46	10/26/2010	11/1/2010	12-NOV	12/12/2010	12/27/2010	1/11/2011
47	11/2/2010	11/8/2010	19-NOV	12/19/2010	1/3/2011	1/18/2011
48	11/9/2010	11/15/2010	26-NOV	12/26/2010	1/10/2011	1/25/2011
49	11/16/2010	11/22/2010	3-DEC	1/2/2011	1/17/2011	2/1/2011
50	11/23/2010	11/29/2010	10-DEC	1/9/2011	1/24/2011	2/8/2011
51	11/30/2010	12/6/2010	17-DEC	1/16/2011	1/31/2011	2/15/2011
52	12/7/2010	12/13/2010	24-DEC	1/23/2011	2/7/2011	2/22/2011
53	12/14/2010	12/20/2010	31-DEC	1/30/2011	2/14/2011	3/1/2011