ANSI STANDARDS ACTION

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## Contents



# American National Standards

## Call for comment on proposals listed

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



**ISSN 0038-9633**

# Comment Deadline: August 1, 2010

## NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

***Revisions***

BSR IT8.7/3-201x, Graphic technology - Input data for characterization of 4-color process printing (revision of ANSI IT8.7/3-2005)

Defines a data set of ink value combinations that may be used to characterize four-color process printing. Such characterization data may be created by rendering as images the ink values specified in this document and by measuring the printed sheet.

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

Send comments (with copy to BSR) to: Debra Orf, (703) 264-7229, dorf@npes.org

## API (American Petroleum Institute)

***Revisions***

BSR/API MPMS 14.3.1-201x, Concentric, Square-edged Orifice Meters - Part 1: General Equations and Uncertainty Guidelines (revision of ANSI/API MPMS 14.3.1-2003 (R2009))

Provides a single reference for engineering equations, uncertainty estimations, construction and installation requirements, and standardized implementation recommendations for the calculation of flow rate through concentric, square-edged, flange-tapped orifice meters. Both U.S. customary (U.S.C), inch pound (IP) and international system of units (SI) units are included.

Single copy price: $159.00

Obtain an electronic copy from: jonesd@api.org

Order from: Danielle Jones, 202-682-8565, jonesd@api.org

Send comments (with copy to BSR) to: Duane Brown, (202) 682-8000, brownd@api.org

## NSF (NSF International)

***Revisions***

BSR/NSF 140-201x (i14), Sustainabilty Carpet Assessment (revision of ANSI/NSF 140-2009)

Issue 14 - Includes language that was issued via formal interpretation in September 2008. This pertains to section 7.3.2.

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

Send comments (with copy to BSR) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

## APSP (Association of Pool and Spa Professionals)

***New Standards***

BSR/APSP/IAPMO-16-201x, Standard Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs (new standard)

Establishes materials, testing, and marking requirements for suction fittings that are designed to be totally submerged for use in swimming pools, wading pools, spas, and hot tubs, as well as other aquatic facilities.

Single copy price: Free

Obtain an electronic copy from: bcrenshaw@APSP.org

Order from: Bernice Crenshaw, (703) 838-0083 x150, bcrenshaw@APSP.org

Send comments (with copy to BSR) to: Same

# Comment Deadline: August 16, 2010

## ADA (American Dental Association)

***Reaffirmations***

BSR/ADA Spcification 43-1986 (R201x), Electrically Powered Dental Amalgamators (reaffirmation of ANSI/ADA 43-1986 (R2005))

Applies to mechanical dental amalgamators used for the mixing of alloy and mercury to make dental amalgam. This standard includes multipurpose devices but is restricted to their function of triturating alloy and mercury to produce dental amalgam.

Single copy price: $40.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

Send comments (with copy to BSR) to: Same

BSR/APSP 14-201x, Standard for Portable Spa Energy Efficiency (new standard)

Applies to factory-built residential portable spas that are used for bathing and are operated by a private owner. This standard is meant to establish minimum energy efficiency requirements for spas. This standard shall be met notwithstanding certain variations in equipment, materials, and design (Refer to ANSI/NSPI-6). These requirements do not apply to public spas, permanently installed residential spas or other spas, such as those operated for medical treatment, physical therapy or other purposes. Swim-spas and portions of combination spas/swim-spas are included in this standard.

Single copy price: Free

Obtain an electronic copy from: bcrenshaw@APSP.org

Order from: Bernice Crenshaw, (703) 838-0083 x150, bcrenshaw@APSP.org

Send comments (with copy to BSR) to: Same

## ASME (American Society of Mechanical Engineers)

### *Revisions*

BSR CSA B44.1/ASME A17.5-201x, Elevator and Escalator Electrical Equipment (revision of ANSI/ASME A17.5-2004)

Applies to the following electrical equipment for elevators, escalators, moving walks, dumbwaiters, material lifts, and elevating devices for persons with physical disabilities (platform lifts and stairway chairlifts):
(a) motor controllers;
(b) motion controllers;
(c) operation controllers;
(d) operating devices; and
(e) all other electrical equipment not listed/certified and labeled/marked according to another product safety standard or code. The equipment specified in this Standard is intended for installation in accordance with the Canadian Electrical Code, Part I (CSA C22.1) and the National Electrical Code (NFPA 70), whichever is applicable.
NOTE: Controllers, i.e., motion, motor, and operation controllers, are defined in CSA B44 and ASME A17.1.

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: Geraldine Burdeshaw, (212) 591-8523, burdeshawg@asme.org

## HI (Hydraulic Institute)

### *Revisions*

BSR/HI 11.6-201x, Submersible Pump Tests (revision of ANSI/HI 11.6-2001)

Applies to acceptance testing Submersible Pumps driven by induction motors, unless otherwise agreed. A submersible pump is defined as a close-coupled pump/motor unit designed to operate submerged in pumped liquid, and includes submersible pumps operating in either a wet-pit or dry-pit environment. This standard does not apply to accessory items, such as discharge elbows, suction fittings, or valves.

Single copy price: $95.00

Obtain an electronic copy from: kanderson@pumps.org

Order from: Karen Anderson, (973) 267-9700, kanderson@pumps.org

Send comments (with copy to BSR) to: Same

## NEMA (ASC C78) (National Electrical Manufacturers Association)

### *Reaffirmations*

BSR ANSLG C78.45-2007 (R201x), Self-Ballasted Mercury Lamps (reaffirmation of ANSI ANSLG C78.45-2007)

Sets forth the physical and electrical requirements for self-ballasted mercury lamps operated on 60-Hz supply lines to ensure interchangeability and safety. The data given also provides the lamp-related requirements for luminaires.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.41-2006 (R201x), High-Intensity Discharge Lamps - Low Pressure Sodium Lamps (reaffirmation of ANSI C78.41-2006)

Describes the physical and electrical requirements of the principal types of single-ended low-pressure sodium lamps. The electrical data provides the specific basis for ballast requirements for these lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.180-2003 (R201x), Specifications for Fluorescent Lamp Starters (reaffirmation of ANSI C78.180-2003 (R2007))

Covers performance of glow switch starters used with preheat-type fluorescent and similar discharge lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.375-21997 (R201x), Guide for Electrical Measurements (reaffirmation of ANSI C78.375-1997 (R2007))

Describes the procedures to be followed and the precautions to be observed in obtaining uniform and reproducible measurements of the electrical characteristics of fluorescent lamps under standard conditions when operated on alternating current (ac) circuits.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.376-2001 (R201x), Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2001 (R2006))

Covers the objectives and tolerances for the chromaticity of T8, T10, and T12 fluorescent lamps with a nominal loading of from 5 to 10 watts per foot at their normal 100-hour rating point.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.379-1994 (R201x), Electric Lamps - Classification of the Beam Patterns of Reflector Lamps (reaffirmation of ANSI C78.379-1994 (R2003))

Describes a system for classification of beam patterns and beam angles of reflector lamps. Also a method of describing light output is defined.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.380-2002 (R201x), High-Intensity Discharge Lamps, Method of Designation (reaffirmation of ANSI C78.380-2002)

Describes a system for the designation of high-intensity discharge lamps, including compact, enclosed-arc discharge light sources such as mercury, metal halide, high-pressure sodium, and similar types of lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR C78.60360-2002 (R201x), Electric Lamps - Standard Method of Measurement of Lamp Cap Temperature Rise (reaffirmation of ANSI C78.60360-2002 (R2007))

Describes the standard method of measurement of lamp cap temperature rise.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR/IEC C78.1195-2001 (R201x), Double-Capped Fluorescent Lamps - Safety Specifications (reaffirmation and redesignation of ANSI/IEC C78.1195-2001 (R2006))

Covers safety specifications for double-capped fluorescent lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

BSR/IEC C78.1199-2001 (R201x), Single-Capped Fluorescent Lamps - Safety Specifications (reaffirmation of ANSI/IEC C78.1199-2001 (R2006))

Covers safety specifications for single-capped fluorescent lamps.

Single copy price: $At cost+

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to BSR) to: Same

## NSF (NSF International)

### *New Standards*

BSR/NSF 360-201x, Field Performance Evaluation (new standard)

This standard was developed as a means to properly evaluate the performance of residential wastewater treatment systems under field conditions. Establishment of a national standard ensures a single, comprehensive method for properly conducting independent field performance studies, and enables broad acceptance of data to minimize redundant efforts.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=8627

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

Send comments (with copy to BSR) to: Same

## SDI (Steel Deck Institute)

### *Revisions*

BSR/SDI NC-201x, Standard for Non-Composite Steel Floor Deck (revision and redesignation of ANSI/SDI NC1.0-2006)

Provides a standard for non-composite steel floor deck to be used by designers, specifiers, manufacturers, and installers of non-composite steel floor deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of non-composite steel floor deck. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: steve@sdi.org

Order from: Steven Roehrig, (847) 458-4647, steve@sdi.org

Send comments (with copy to BSR) to: Thomas Sputo, (352) 378-0448, sputoeng@mindspring.com

BSR/SDI RD-2010-200x, Standard for Steel Roof Deck (revision and redesignation of ANSI/SDI RD1.0-2006)

Provides a standard for steel roof deck to be used by designers, specifiers, manufacturers, and installers of steel roof deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of steel roof deck. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: steve@sdi.org

Order from: Steven Roehrig, (847) 458-4647, steve@sdi.org

Send comments (with copy to BSR) to: Thomas Sputo, (352) 378-0448, sputoeng@mindspring.com

## TAPPI (Technical Association of the Pulp and Paper Industry)

### *New Standards*

BSR/TAPPI T 200 sp-xx, Laboratory beating of pulp (Valley beater method) (new standard)

Defines the papermaking quality of pulp, by subjecting it to a controlled mechanical treatment in a laboratory beater; see also TAPPI T 248, Laboratory Beating of Pulp (PFI Mill Method). The beating procedure may be used with any pulp, suitably modifying the withdrawal schedule to provide the number of samples required for a satisfactory beater curve. The method may not give satisfactory results with certain extremely long-fibered pulps, such as cotton fibers or jute, since the fibers entangle and tend to rope in the beater.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

BSR/TAPPI T 213 om-xx, Dirt in pulp - Chart method (new standard)

Provides a method that is adapted to the numerical estimation of dirt in pulp and recycled pulp in terms of equivalent black area.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

BSR/TAPPI T 1006 sp-xx, Testing of fiber glass mats: Use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, air permeability, and thickness (new standard)

Lists the existing TAPPI test methods that provide procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness, and suggests modifications to these methods for use in the sampling and testing of fiber glass mats.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

BSR/TAPPI T 1007 sp-xx, Sample location for fiber glass mat sheets (new standard)

Covers the location from which samples are taken from a sheet of fiber glass mat used as a sample test unit for physical property determination.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

### TechAmerica

***Revisions***

BSR/EIA 836-B-201x, Configuration Management Data Exchange and Interoperability (revision of ANSI/EIA 836-A-2008)

Provides information of interest to Configuration Management (CM) practitioners related to the performance of CM functions as products are conceived, proposed, defined, developed, produced, operated, maintained, modified, and disposed. This information is stored when generated and, from time to time, must be moved or shared with others.

Single copy price: $320.00

Obtain an electronic copy from: http://www.techstreet.com/techamgate.html

Order from: http://www.techstreet.com/techamgate.html

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

### UL (Underwriters Laboratories, Inc.)

***Revisions***

BSR/UL 1482-201x, Standard for Safety for Solid-Fuel Type Room Heaters (revision of ANSI/UL 1482-1998 (R2006))

This re-circulation proposal replaces the UL 1482 proposal dated 3-26-10. This proposal will cover:
(1) use of UL 1618 floor protectors;
(2) allowable temperatures for knobs and handles constructed of other materials; and
(3) revised requirements for firebrand conditioning.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@us.ul.com

## Comment Deadline: August 31, 2010

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

### AGA (ASC Z223) (American Gas Association)

***Revisions***

BSR Z223.1-2012, National Fuel Gas Code (revision of ANSI Z223.1-2009)

The National Fuel Gas Code contains installation requirements used to judge the acceptability of installed fuel gas appliances, venting and piping systems, downstream from the point of delivery. The proposed revisions would technically revise and update various section of the current code.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/nfgc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

### AGMA (American Gear Manufacturers Association)

***Reaffirmations***

BSR/AGMA 1012-2005 (R201x), Gear Nomenclature, Definitions of Terms with Symbols (reaffirmation of ANSI/AGMA 1012-2005)

Establishes the definitions of terms, symbols, and abbreviations that may be used to communicate the technology and specifications of external and internal gear teeth. This standard provides definitive meanings by the use of words and illustrations, for commonly used gearing terms.

Single copy price: $78.00

Order from: Charles Fischer, (703) 684-0211, fischer@agma.org

Send comments (with copy to BSR) to: Same

BSR/AGMA 6008-A98 (R201x), Specifications for Powder Metallurgy Gears (reaffirmation of ANSI/AGMA 6008-A98 (R2004))

Describes the specification data required to adequately inform the producer of powder metallurgy (P/M) gears about the gear design features desired by the purchaser. This standard also describes some of the related industry practices that commonly apply unless replaced by written agreement between producer and purchaser.

Single copy price: $53.00

Order from: Charles Fischer, (703) 684-0211, fischer@agma.org

Send comments (with copy to BSR) to: Same

### UL (Underwriters Laboratories, Inc.)

***New Standards***

BSR/UL 1008A-201x, Standard for Safety for Medium-Voltage Transfer Switches (new standard)

Covers completely enclosed automatic, non-automatic, and manual transfer switches, operating at above 750 VAC, up to 46 kV, and intended for use in ordinary locations to provide for power in emergency systems, optional standby systems, legally required standby systems, in accordance with electrical safety requirements. These requirements cover transfer switches together with their associated control devices including voltage sensing relays, frequency sensing relays, time delay relays.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Esther Espinoza, (408) 754-6500, Esther.Espinoza@us.ul.com

## 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:

### ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE S546-200x, Terminology for Grain Drying, Handling and Storage (new standard)

# 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:

**ADA (Organization)**
American Dental Association

211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533

Fax: (312) 440-2529
Web: www.ada.org

**AGA (ASC Z223)**
American Gas Association

400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7312
Fax: (202) 824-9122
Web: www.aga.org/

**AGMA**
American Gear Manufacturers Association

500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

**API (Organization)**
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: 202-682-8565
Fax: 202-962-4797
Web: www.api.org

**APSP**
Association of Pool and Spa Professionals

2111 Eisenhower Avenue
Alexandria, VA 22314
Phone: (703) 838-0083 x150
Fax: (703) 549-0493
Web: www.APSP.org

**ASME**
American Society of Mechanical Engineers

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

**comm2000**

1414 Brook Drive
Downers Grove, IL 60515

**HI**
Hydraulic Institute

6 Campus Drive, 1st Fl North
Parsippany, NJ 07054
Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.org

**NEMA (ASC C78)**
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

**NSF**
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

**SDI (Canvass)**
Steel Deck Institute, Inc.

P.O. Box 25
Fox River Grove, IL 60021
Phone: (847) 458-4647
Fax: (847) 458-4648
Web: www.sdi.org

**TAPPI**
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Norcross, GA 30033
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

**TechAmerica**
TechAmerica

1401 Wilson Boulevard
Suite 1100
Arlington, VA 22209
Phone: (703) 907-7571
Fax: (703) 907-7968
Web: www.techamerica.org

# Send comments to:

**ADA (Organization)**
American Dental Association

211 E. Chicago Ave

Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

**AGA (ASC Z223)**
American Gas Association

400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7312
Fax: (202) 824-9122
Web: www.aga.org/

**AGMA**
American Gear Manufacturers Association

500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

**API (Organization)**
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005
Phone: (202) 682-8000
Fax: (202) 962-4797
Web: www.api.org

**APSP**
Association of Pool and Spa Professionals

2111 Eisenhower Avenue
Alexandria, VA 22314
Phone: (703) 838-0083, x150
Fax: (703) 549-0493
Web: www.APSP.org

**ASME**
American Society of Mechanical Engineers

3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8523
Fax: (212) 591-8501
Web: www.asme.org

**HI**
Hydraulic Institute

6 Campus Drive, 1st Fl North
Parsippany, NJ 07054
Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.org

**NEMA (ASC C78)**
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

**NPES (ASC CGATS)**
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7229
Fax: (703) 620-0994
Web:
www.npes.org/standards/cgats.html

**NSF**
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

**SDI (Canvass)**
Steel Deck Institute

10 SW 1st Avenue
Gainesville, FL 32601
Phone: (352) 378-0448
Fax: 352-373-1331
Web: www.sdi.org

**TAPPI**
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Norcross, GA 30033

Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

**TechAmerica**
TechAmerica

1401 Wilson Boulevard
Suite 1100
Arlington, VA 22209
Phone: (703) 907-7571
Fax: (703) 907-7968
Web: www.techamerica.org

**UL**
Underwriters Laboratories, Inc.

455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6500
Fax: (408) 689-6500
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

*Contact:* *Duane Brown*

**Phone:** (202) 682-8000

**Fax:** (202) 962-4797

**E-mail:** brownd@api.org

BSR/API MPMS 14.3.1-201x, Concentric, Square-edged Orifice Meters - Part 1: General Equations and Uncertainty Guidelines (revision of ANSI/API MPMS 14.3.1-2003 (R2009))

**HI (Hydraulic Institute)**

**Office:** 6 Campus Drive, 1st Fl North
Parsippany, NJ 07054

*Contact:* *Karen Anderson*

**Phone:** (973) 267-9700

**Fax:** (973) 267-9055

**E-mail:** kanderson@pumps.org

BSR/HI 11.6-201x, Submersible Pump Tests (revision of ANSI/HI 11.6-2001)

**ISA (ISA)**

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BSR/ISA 50.00.01-1975 (R201x), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2002))

**NALFA (North American Laminate Flooring Association)**

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BSR/NALFA LF-01-201x, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF 01-2003)

**NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)**

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BSR IT8.7/3-201x, Graphic technology - Input data for characterization of 4-color process printing (revision of ANSI IT8.7/3-2005)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

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BSR/TAPPI T 435 om-xx, Hydrogen ion concentration (pH) of paper extracts (Hot extraction method) (new standard)

BSR/TAPPI T 610 sp-xx, Preparation of indicators and standard solutions (new standard)

BSR/TAPPI T 1006 sp-xx, Testing of fiber glass mats: Use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, air permeability, and thickness (new standard)

BSR/TAPPI T 1007 sp-xx, Sample location for fiber glass mat sheets (new standard)

**TPI (Truss Plate Institute)**

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Alexandria, VA 22314

*Contact:* *Jay Jones*

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BSR/TPI 1-201x, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2007)

**UL (Underwriters Laboratories, Inc.)**

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BSR/UL 60335-2-40-201x, Household and Similar Electrical Appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (national adoption with modifications of IEC 60335-2-40)

# 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.

## ABYC (American Boat and Yacht Council)

### *Revisions*

ANSI/ABYC H-24-2010, Gasoline Fuel Systems (revision of ANSI/ABYC H-24-2009): 6/24/2010

## AISC (American Institute of Steel Construction)

### *Revisions*

ANSI/AISC 341-2010, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2005): 6/22/2010

ANSI/AISC 360-2010, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2005): 6/22/2010

## API (American Petroleum Institute)

### *New National Adoptions*

ANSI/API Specification 19G2-2010, Flow-Control Devices for Side-Pocket Mandrels (national adoption with modifications of ISO 17078-2): 6/22/2010

## ASME (American Society of Mechanical Engineers)

### *New Standards*

ANSI/ASME MFC-21.2-2010, Thermal Mass Meters - Dispersion Flowmeters (new standard): 6/24/2010

### *Reaffirmations*

ANSI/ASME B5.54M-2005 (R2010), Methods for Performance Evaluation of Computer Numerically Controlled Machining Centers (reaffirmation of ANSI/ASME B5.54M-2005): 6/24/2010

ANSI/ASME B94.2-1995 (R2010), Reamers (reaffirmation of ANSI/ASME B94.2-1995 (R2005)): 6/24/2010

ANSI/ASME B94.33-1996 (R2010), Jig Bushings (reaffirmation of ANSI/ASME B94.33-1996 (R2005)): 6/24/2010

ANSI/ASME Y14.1M-2005 (R2010), Metric Drawing Sheet Size and Format (reaffirmation of ANSI/ASME Y14.1M-2005): 6/24/2010

ANSI/ASME Y14.1-2005 (R2010), Decimal Inch Drawing Sheet Size and Format (reaffirmation of ANSI/ASME Y14.1-2005): 6/24/2010

## ATIS (Alliance for Telecommunications Industry Solutions)

### *New Standards*

ANSI ATIS 0100027-2010, Availability - A Guide to Consistent Definitions (new standard): 6/22/2010

## AWS (American Welding Society)

### *New Standards*

ANSI/AWS C7.2M-2010, Recommended Practices for Laser Beam Welding, Cutting, and Allied Processes (new standard): 6/24/2010

## BOMA (Building Owners and Managers Association)

### *New Standards*

ANSI/BOMA Z65.5-2010, Retail Buildings: Standard of Measurement and Calculation of Leasable Area (new standard): 6/25/2010

## CSA (CSA America, Inc.)

### *Reaffirmations*

ANSI Z83.21/CSA C22.2 No. 168/UL 921-2005 (R2010), American National Standard/CSA Standard for Commercial Dishwashers (reaffirmation of ANSI Z83.21/CSA C22.2 No. 168/UL 921-2005): 6/24/2010

## EIA (Electronic Industries Alliance)

### *New Standards*

ANSI/EIA 717-A-2010, Surface Mount Niobium and Tantalum Capacitor Qualification Specification (new standard): 6/24/2010

## HI (Hydraulic Institute)

### *Reaffirmations*

ANSI/HI 4.1-4.6-2010, Sealless Rotary Pumps (reaffirmation of ANSI/HI 4.1 - 4.6-2000): 6/24/2010

### *Revisions*

ANSI/HI 1.4-2010, Rotodynamic (Cent.) Pumps for Installation, Operation & Maintenance (revision of ANSI/HI 1.4-2000): 6/25/2010

ANSI/HI 3.6-2010, Rotary Pump Test (revision of ANSI/HI 3.6-2000): 6/24/2010

ANSI/HI 5.1-5.6-2010, Sealless Rotodynamic Pumps for Nomenclature, Definitions, Application, Operation, and Test (revision of ANSI/HI 5.1- 5.6-2000): 6/25/2010

ANSI/HI 10.6-2010, Air Operated Pump Test Standard (revision of ANSI/HI 10.6-2004): 6/24/2010

## HL7 (Health Level Seven)

### *Reaffirmations*

ANSI/HL7 CDA, R2-2005 (R2010), HL7 Version 3 Standard: Clinical Document Architecture, Release 2 (reaffirmation of ANSI/HL7 CDA, R2-2005): 6/24/2010

## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

ANSI/IEEE 1068-2009, Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical and Process Industries (new standard): 6/24/2010

ANSI/IEEE 1698-2009, Guide for the Calculation of Braking Distances for Rail Transit Vehicles (new standard): 6/25/2010

ANSI/IEEE 16326-2009, Standard for Software Engineering - Project management (new standard): 6/28/2010

### *Reaffirmations*

ANSI/IEEE 1233-1996 (R2009), Guide for Developing System Requirements - Specifications (reaffirmation of ANSI/IEEE 1233-1996 (R2002)): 6/28/2010

ANSI/IEEE 1526-2003 (R2009), Commended Practice for Testing the Performance of Stand-Alone Photovoltaic Systems (reaffirmation of ANSI/IEEE 1526-2003): 6/24/2010

ANSI/IEEE 2001-2002 (R2009), Recommended Practice for the Internet - Web Site Engineering, Web Site Management, and Web Site Life Cycle (reaffirmation of ANSI/IEEE 2001-2002): 6/28/2010

### *Revisions*

ANSI/IEEE 115-2009, Guide for Test Procedures for Synchronous Machines - Part I: Acceptance and Performance Testing - Part II: Test Procedures and Parameter Determination for Dynamic Analysis (revision of ANSI/IEEE 115-1995 (R2002)): 6/25/2010

### *Supplements*

ANSI/IEEE 802.1Qav-2009, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment XX: Forwarding and Queuing Enhancements for Time-Sensitive Streams (supplement to ANSI/IEEE 802.1Q-2005): 6/23/2010

## NCPDP (National Council for Prescription Drug Programs)

### *Revisions*

ANSI/NCPDP Post Adj V2.2-2010, NCPDP Post Adjudication Standard Version 2.2 (revision and redesignation of ANSI/NCPDP Post Adj V2.1-2009): 6/24/2010

ANSI/NCPDP TC VD.4-2010, NCPDP Telecommunication Standard Version D.4 (revision and redesignation of ANSI/NCPDP TC VD.3-2010): 6/24/2010

## NFPA (National Fire Protection Association)

### *New Standards*

ANSI/NFPA 87-2011, Recommended Practice for Fluid Heaters (new standard): 6/28/2010

ANSI/NFPA 556-2011, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (new standard): 6/21/2010

### *Reaffirmations*

ANSI/NFPA 40-2007 (R2011), Standard for the Storage and Handling of Cellulose Nitrate Film (reaffirmation of ANSI/NFPA 40-2007): 6/21/2010

### *Revisions*

ANSI/NFPA 30B-2011, Code for the Manufacture and Storage of Aerosol Products (revision of ANSI/NFPA 30B-2007): 6/21/2010

ANSI/NFPA 33-2011, Standard for Spray Application Using Flammable or Combustible Materials (revision of ANSI/NFPA 33-2007): 6/21/2010

ANSI/NFPA 34-2011, Standard for Dipping and Coating Processes Using Flammable or Combustible Liquids (revision of ANSI/NFPA 34-2007): 6/21/2010

ANSI/NFPA 73-2011, Electrical Inspection Code for Existing Dwellings (revision of ANSI/NFPA 73-2006): 6/21/2010

ANSI/NFPA 88A-2011, Standard for Parking Structures (revision of ANSI/NFPA 88A-2007): 6/21/2010

ANSI/NFPA 160-2011, Standard for the Use of Flame Effects Before an Audience (revision of ANSI/NFPA 160-2006): 6/21/2010

ANSI/NFPA 307-2011, Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves (revision of ANSI/NFPA 307-2006): 6/21/2010

ANSI/NFPA 312-2011, Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up (revision of ANSI/NFPA 312-2006): 6/21/2010

ANSI/NFPA 780-2011, Standard for the Installation of Lightning Protection Systems (revision of ANSI/NFPA 780-2008): 6/21/2010

ANSI/NFPA 1000-2011, Standard for Fire Service - Professional Qualifications Accreditation and Certification Systems (revision of ANSI/NFPA 1000-2006): 6/21/2010

ANSI/NFPA 1071-2011, Standard for Emergency Vehicle Technician - Professional Qualifications (revision of ANSI/NFPA 1071-2006): 6/21/2010

ANSI/NFPA 1126-2011, Standard for the Use of Pyrotechnics Before a Proximate Audience (revision of ANSI/NFPA 1126-2006): 6/21/2010

ANSI/NFPA 1145-2011, Guide for the Use of Class A Foams in Manual Structural Fire Fighting (revision of ANSI/NFPA 1145-2006): 6/21/2010

## NSF (NSF International)

### *New Standards*

ANSI/NSF 321-2010 (i1), Standard for Botanical Dietary Supplement Ingredients: Goldenseal Root (Hydrastis canadensis) (new standard): 6/17/2010

### *Revisions*

ANSI/NSF 140-2010 (i9), Sustainable Carpet Assessment (revision of ANSI/NSF 140-2007e): 6/14/2010

## SCTE (Society of Cable Telecommunications Engineers)

### *Revisions*

ANSI/SCTE 34-2010, Test Method for Cored Depth Verification (revision of ANSI/SCTE 34-2002): 6/22/2010

## TIA (Telecommunications Industry Association)

### *Addenda*

ANSI/TIA 102.CAAA-C-1-2010, Digital C4FM/CQPSK Transceiver Measurement Methods - Addendum 1: Faded Channel Simulator (addenda to ANSI/TIA 102.CAAA-C-2008): 6/22/2010

### *Revisions*

ANSI/TIA 570-B-2010, Residential Telecommunications Infrastructure Standard (revision of ANSI/TIA 570-B-2004): 6/22/2010

ANSI/TIA 603-D-2010, Land Mobile FM or PM Communications Equipment - Measurement and Performance Standards (revision and redesignation of ANSI/TIA 603-C-2004): 6/24/2010

## UL (Underwriters Laboratories, Inc.)

### *New National Adoptions*

ANSI/UL 60745-2-15-2010, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (national adoption with modifications of IEC 60745-2-15): 6/28/2010

ANSI/UL 60745-2-15-2010a, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (national adoption with modifications of IEC 60745-2-15): 6/28/2010

### *New Standards*

ANSI/UL 231-2010, Standard for Safety for Power Outlets (Proposal dated 4/9/10) (new standard): 6/22/2010

### *Reaffirmations*

ANSI/UL 921-2005 (R2010), Standard for Safety for Commercial Dishwashers (reaffirmation of ANSI/UL 921-2005): 6/23/2010

### *Revisions*

ANSI/UL 94-2010, Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2009E): 6/23/2010

ANSI/UL 1278-2010, Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2008a): 5/21/2010

ANSI/UL 1278-2010a, Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2008a): 5/21/2010

## VITA (VMEbus International Trade Association (VITA))

### *New Standards*

ANSI/VITA 48.0-2010, Mechanical Specification for Microcomputers Using Ruggedized Enhanced Design Implementation (REDI) (new standard): 6/22/2010

ANSI/VITA 48.2-2010, Mechanical Specification for Microcomputers Using REDI Conduction Cooling Applied to VITA VPX (new standard): 6/22/2010

# 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.

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

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BSR X9.63-201x, Public Key Cryptography for the Financial Services Industry, Key Agreement and Key Transport Using Elliptic Curve Cryptography (revision of ANSI X9.63-2001)

Stakeholders: IT equipment vendors, banks, retailers.

Project Need: Elliptic curve cryptography provides very efficient methods for transporting encryption keys between network entities, such as terminals and servers. The methods save processing time and network bandwidth, and allow for strong encryption methods to be used in even mobile devices with relatively small processing capacity. The revision of the standard will align the standard with other recognized methods, and will also update recommendations to improve the security of the included protocols.

Defines a suite of schemes designed to facilitate the secure establishment of cryptographic data for the keying of symmetrically keyed algorithms (e.g., TDEA).

BSR X9.100-20-201x, Print and Test Specifications for Magnetic Ink Printing (MICR), Parts 1, 2, and 3 (revision of ANSI X9.100-20 Parts 1, 2 & 3-2006)

Stakeholders: Check manufacturers, ink manufacturers, financial institutions, processors, MICR-related hardware and software vendors.

Project Need: This is a core printing standard describing how to properly print the E-13B font characters in magnetic ink.

This is a core printing standard describing how to properly print the E-13B font characters in magnetic ink. Part 1 gives normative information on correctly printing the shape and giving the magnetic characteristics of the E-13B characters and what print quality issues to avoid. Part 2 informatively describes recommended methods of testing MICR characters to assure they are in conformance with normative specifications given in Part 1. Part 3 gives normative instruction on the requirements of a MICR reading device and the methods for producing and calibrating secondary reference documents used to measure MICR waveform and signal level.

**ASME (American Society of Mechanical Engineers)**

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New York, NY 10016

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BSR/ASME B89.1.21-201x, Indicating Bore Gages (new standard)

Stakeholders: Manufacturers, laboratory, gage manufactures, designers, end users.

Project Need: To be in compliance with ISO 9000 series of standards, there is a need to have measurement and test equipment used for product acceptance of a known (and controlled) configuration and performance. Without an available standard to use, users and suppliers constantly have to debate about performance-related issues.

Specifies configuration and performance requirements on indicating bore gages, along with 2- and 3-point contact dial bore gages with respect to SI and U.S. Customary units. Less common configurations of dial-based gages, such as spline-indicating and plug-indicating gages, may not be included.

BSR/ASME OMT-1-201x, Rules for Operation and Maintenance of Cranes and Other Lifting Devices at Nuclear Facilities (new standard)

Stakeholders: All nuclear facilities and other organizations who follow requirements for cranes contained in ASME NOG-1 and ASME NUM-1. (Commercial Nuclear Power Plants, Nuclear Weapons Labs, Nuclear Fuel Production Plants, select US Navy and US Air Force Facilities).

Project Need: The ASME Committee on Cranes for Nuclear Facilities (CNF) is in the process of developing an Operations & Maintenance Standard. The purpose of this standard is to better define the requirements of an effective heavy loads handling program at nuclear facilities including programmatic, operations and maintenance requirements.

Covers overhead and gantry cranes, underhung cranes, traveling wall cranes, jib cranes, monorail systems, overhead hoists, hoists with integral trolleys, slings, rigging, and below-the-hook lifting devices used at nuclear facilities. This standard levies rules for operation, maintenance, certification, inspection, testing, and repair of cranes, hoists, and other lifting equipment.

BSR/ASME P30-201x, Planning for the Use of Cranes, Derricks, Hoists, Cableways, Aerial devices and Lifting Accessories (new standard)

Stakeholders: This standard would be applicable to lifting equipment and rigging users in all industries including: nuclear power, oil and gas refining, coal-fired and hydroelectric power, mining, construction, manufacturing, machinery moving, pulp and paper, chemical, shipbuilding, wind energy, aerospace, maritime, defense, as well as many other areas.

Project Need: To provide guidance and assistance for the development of plans to support lifting activities. This standard would be suitable for use by concerned individuals at every level of a lifting operation (managers, project teams, equipment users, riggers, safety personnel).

Includes provisions that apply to the load-handling activities using cranes, derricks, hoists, cableways, aerial devices, and material lifting accessories and combinations thereof are used. Addressed are recommended lift planning guidelines that can apply to loads being moved vertically or horizontally using various equipment and techniques.

BSR/ASME Y14.3-201x, Orthographic and Pictorial Views (revision, redesignation and consolidation of ANSI/ASME Y14.3-2003 (R2008) and ANSI/ASME Y14.4M-1989 (R2009))

Stakeholders: Those who prepare and use mechanical engineering drawings and those who inspect parts manufacturer per drawing specifications.

Project Need: To revise and consolidate Y14.3 and Y14.4 to reflect the state of the art.

Establishes the requirements for creating orthographic and pictorial views for engineering drawings. The topics covered include the multiview system of drawing, selection, and arrangement of orthographic views; auxiliary views; sectional views; details; and conventional drawing practices. This standard also addresses the kinds of pictorial views commonly used on engineering drawings. The methods for constructing pictorial drawings is beyond the scope of this standard. Space geometry and space analysis and applications are included in the appendices for informational purposes.

**ASTM (ASTM International)**

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BSR/ASTM WK29237-201x, New Practice for the design calculations of close-fit liners (new standard)

Stakeholders: Plastic Piping Systems Industry.

Project Need: To develop a design procedure for close-fit liner systems such as CIPP, fold-n-form, etc. The design technique will cover both gravity and pressure pipelines; including non-circular design procedures for gravity piping.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK29237.htm.

**IIAR (International Institute of Ammonia Refrigeration)**

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BSR/IIAR 3-2005 (R201x), Ammonia Refrigeration Valves (reaffirmation of ANSI/IIAR 3-2005)

Stakeholders: Industrial and commercial refrigeration industry and end users of this technology.

Project Need: To reaffirm the current ANSI/IIAR standard, with minor revisions.

Reaffirms the existing ANSI/IIAR standards with minor revisions to terminology.

**ISA (ISA)**

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BSR/ISA 50.00.01-1975 (R201x), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2002))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide for compatibility between the several subsystems or separated elements of given systems.

Applies to analog dc signals used in process control and monitoring systems to transmit information between subsystems or separated elements of systems.

BSR/ISA 75.10.02-201x, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2008)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping designs.

Applies to valves, sizes NPS 1/2 (DN 15) through NPS 26 (DN 650), of the clamp or pinch valve design incorporating clamp or pinch elements.

**NALFA (North American Laminate Flooring Association)**

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BSR/NALFA LF-01-201x, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF 01-2003)

Stakeholders: Producers (manufacturers), distributors, test labs, users (consumers) government, general interest.

Project Need: To update, and expand, the current standard. Among other things, the new standard will incorporate environmental issues.

Applies to the performance of residential, commercial and industrial use of laminate flooring. The standard will be useful in guiding manufacturers and educating suppliers and consumers about the minimum performance requirements of laminate flooring in residential, light commercial, commercial, and industrial use settings.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

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BSR/TAPPI T 435 om-xx, Hydrogen ion concentration (pH) of paper extracts (Hot extraction method) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise it, if needed to address new technology or tocorrect errors.

Measures the hydrogen ion concentration, expressed in terms of pH, of an aqueous extract of paper obtained by hot extraction (unfiltered and extracted by boiling water for one hour). This standard may be applied to writing, printing, and sized industrial paper, but it is not intended for unbuffered types such as electrical insulating and condenser papers. Values determined by this method will reflect changes resulting from heat-induced hydrolysis. Additives, such as those used in filled and coated papers can have an effect on the extract pH.

BSR/TAPPI T 610 sp-xx, Preparation of indicators and standard solutions (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise it, if needed to address new technology or tocorrect errors.

Describes the preparation of frequently used indicator solutions and preparation and standardization of frequently used volumetric reagent solutions (usually called “standard solutions”) required in TAPPI Test Methods.

**TPI (Truss Plate Institute)**

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BSR/TPI 1-201x, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2007)

Stakeholders: Architects, Building Designers, Building Officials, Building Owners,Consumer Associations, Contractors, Engineers, Product Associations, Quality Assurance Agencies, Regulatory Associations, Truss Designers,Truss Manufacturers.

Project Need: There have been advances within the industry that should be accommodated by this standard. In addition, there have been specific requests presented to TPI to change specific sections of the standard. The standard also is approaching the required 5-year update/reaffirmation time frame.

Establishes the minimum requirements for the design and construction of metal-plate-connected wood trusses. This standard describes the materials used in a truss, both lumber and steel, and design procedures for truss members and joints. Methods for evaluating the metal connector plates, manufacturing quality assurance, and responsibilities in the design process involving metal plate connected wood trusses are also contained in the standard. Project Committee application form can be found at www.tpinst.org. Application deadline is August 2, 2010.

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BSR/UL 60335-2-40-201x, Household and Similar Electrical Appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (national adoption with modifications of IEC 60335-2-40)

Stakeholders: Heating, cooling, and dehumidifier industry and users.

Project Need: To develop a new American National Standard.

Deals with the safety of electric heat pumps, including sanitary hot-water heat pumps, air conditioners, and dehumidifiers incorporating motor-compressors and hydronic room fan coils, their maximum rated voltages being not more than 250 V for single phase appliances and 600 V for all other appliances. 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.

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BSR/UL 61800-5-1-201x, Standard for Safety for Adjustable Speed Electrical Power Drive Systems; Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption with modifications of IEC 61800-5-1)

Stakeholders: Electrical power drive system industry.

Project Need: To develop a new ANSI/UL standard based on IEC 61800-5-1.

Covers requirements for adjustable speed power drive systems, or their elements, with respect to electrical, thermal and energy safety considerations. This standrd does not cover the driven equipment except for interface requirements. It applies to adjustable speed electric drive systems, which include the power conversion, drive control, and motor or motors.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

# Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers).

**DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)**

ISO 25178-601:2010, Geometrical product specifications (GPS) - Surface texture: Areal - Part 601: Nominal characteristics of contact (stylus) instruments, $92.00

ISO 25178-602:2010, Geometrical product specifications (GPS) - Surface texture: Areal - Part 602: Nominal characteristics of non-contact (confocal chromatic probe) instruments, $122.00

ISO 25178-701:2010, Geometrical product specifications (GPS) - Surface texture: Areal - Part 701: Calibration and measurement standards for contact (stylus) instruments, $110.00

**EARTH-MOVING MACHINERY (TC 127)**

ISO 9533:2010, Earth-moving machinery - Machine-mounted audible travel alarms and forward horns - Test methods and performance criteria, $80.00

**FOOTWEAR (TC 216)**

ISO 10765:2010, Footwear - Test method for the characterization of elastic materials - Tensile performance, $57.00

ISO 10768:2010, Footwear - Test method for the determination of the resistance of elastic materials for footwear to repeated extension - Fatigue resistance, $49.00

**INDUSTRIAL FANS (TC 117)**

ISO 13349:2010, Fans - Vocabulary and definitions of categories, $141.00

**LIGHT METALS AND THEIR ALLOYS (TC 79)**

ISO 2931:2010, Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of admittance, $49.00

**ROAD VEHICLES (TC 22)**

ISO 11026:2010, Heavy commercial vehicles and buses - Test method for roll stability - Closing-curve test, $73.00

**SMALL TOOLS (TC 29)**

ISO 8695:2010, Tools for pressing - Punches - Nomenclature and terminology, $65.00

**WATER QUALITY (TC 147)**

ISO 11704:2010, Water quality - Measurement of gross alpha and beta activity concentration in non-saline water - Liquid scintillation counting method, $73.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 20060:2010, Information technology - Open Terminal Architecture (OTA) - Virtual machine, $220.00

## ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 18047-7:2010, Information technology - Radio frequency identification device conformance test methods - Part 7: Test methods for active air interface communications at 433 MHz, $116.00

# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

# Information Concerning

## American National Standards

### INCITS Executive Board

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

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

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

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

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

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

## ANSI Accredited Standards Developers

### Approval of Accreditation as an ANSI ASD and Transfer of Maintenance of ANS

### B11 Standards Inc.

ANSI's Executive Standards Council has approved B11 Standards Inc. as an ANSI Accredited Standards Developer (ASD) under operating procedures for documenting consensus on proposed American National Standards, effective June 29, 2010. The maintenance of all American National Standards and registered projects currently maintained by Accredited Standards Committee B11, Safety Requirements for Machine Tools, will be transferred to B11 Standards Inc., effective immediately. For additional information, please contact: Mr. David Felinski, Vice-President, B11 Standards Inc., 42293 Young Lane, Leesburg, VA 20176; PHONE/FAX: (703) 771-6957; e-mail: dfelinski@b11standards.com.

### Approval of Accreditation

### Mobility Golf (MG)

ANSI's Executive Standards Council has approved Mobility Golf (MG), a full ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its operating procedures for documenting consensus on proposed American National Standards, effective June 29, 2010. For additional information, please contact: Mr. Richard Thesing, President, Mobility Golf, 64 Alejandra Avenue, Atherton, CA 94027; PHONE: (650) 269-6889; FAX: (484) 730-4628; e-mail: jrthesing@yahoo.com.

### Approvals of Reaccreditation

### ASC A300 – Standard Practices for Shade Tree Maintenance

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee A300, Standard Practices for Shade Tree Maintenance under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact the Secretariat of ASC A300: Mr. Bob Rouse, Vice President of Industry Standards & Credentialing, Tree Care Industry Association, 136 Harvey Road, Suite 101, Londonderry, NH 03053; PHONE: (603) 314-5380, ext. 117; FAX: (603) 314-5386; e-mail: rouse@tcia.org.

### ASC O1 – Safety Requirements for Woodworking Machinery

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committees O1, Safety Requirements for Woodworking Machinery under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact the Secretariat of ASC O1: Ms. Gina Marinilli, Associate Director, Wood Machinery Manufacturers of America, 100 North 20th Street, 4th Floor, Philadelphia, PA 19103-1443; PHONE: (215) 564-3484, ext. 2238; FAX: (215) 963-09785; e-mail: gmarinilli@fernley.com.

### Compressed Air and Gas Institute (CAGI)

ANSI's Executive Standards Council has approved the reaccreditation of the Compressed Air and Gas Institute (CAGI) under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact: Mr. Christopher Johnson, Secretary-Treasurer, Compressed Air and Gas Institute, 1300 Sumner Avenue, Cleveland, OH 44115-2851; PHONE: (216) 241-7333, ext. 3027; FAX: (216) 241-0105; e-mail: cjohnson@thomasamc.com.

### Door and Access Systems Manufacturers Association (DASMA)

ANSI's Executive Standards Council has approved the reaccreditation of the Door and Access Systems Manufacturers Association (DASMA) under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact: Mr. Christopher Johnson, Executive Director, Door and Access Systems Manufacturers Association, 1300 Sumner Avenue, Cleveland, OH 44115-2851; PHONE: (216) 241-7333, ext. 3027; FAX: (216).241-0105; e-mail: cjohnson@thomasamc.com.

### Fluid Controls Institute (FCI)

ANSI's Executive Standards Council has approved the reaccreditation of the Fluid Controls Institute (FCI) under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact: Mr. Christopher Johnson, Executive Secretary, Fluid Controls Institute, 1300 Sumner Avenue, Cleveland, OH 44115-2851; PHONE: (216) 241-7333, ext. 3027; FAX: (216).241-0105; e-mail: cjohnson@thomasamc.com.

### Manufacturers Standardization Society (MSS)

ANSI's Executive Standards Council has approved the reaccreditation of the Manufacturers Standardization Society (MSS), a full ANSI Organizational Member,under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective June 30, 2010. For additional information, please contact: Mr. David Thompson, Technical Coordinator, Manufacturers Standardization Society, 127 Park Street, NE, Vienna, VA 22180; PHONE: (703) 281-6613; FAX: (703) 281-6671; e-mail: dthompson@mss-hq.org.

### Robotic Industries Association (RIA)

ANSI's Executive Standards Council has approved the reaccreditation of the Robotic Industries Association (RIA), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective June 30, 2010. For additional information, please contact: Mr. Jeff Fryman, Director, Standards Development, Robotic Industries Association, 900 Victors Way, Suite 140, Ann Arbor, MI 48108; PHONE: (734) 994-6088; FAX: (734) 994-3338; e-mail: JFryman@robotics.org.

### Scaffolding, Shoring and Forming Institute (SSFI)

ANSI's Executive Standards Council has approved the reaccreditation of the Scaffolding, Shoring and Forming Institute (SSFI) under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective June 25, 2010. For additional information, please contact: Mr. Christopher Johnson, Managing Director, Scaffolding, Shoring and Forming Institute, 1300 Sumner Avenue, Cleveland, OH 44115-2851; PHONE: (216) 241-7333, ext. 3027; FAX: (216).241-0105; e-mail: cjohnson@thomasamc.com.

## ANSI-ASQ National Accreditation Board (ANAB)

### Occupational Health and Safety Management Systems

### Notices of Accreditation

### Certification Bodies

### EQAICC

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANAB accreditation for Occupational Health and Safety Management Systems:

EQAICC
#903, 9F, Byucksan Digital Valley 7-cha, #170-13, Guro-dong, Guro-gu
Seoul, 152-742
Republic of Korea
Contact: Jason Moon
Phone: + 82 2 532 9002
E-mail: eqaicc@eqaicc.com

### SRI Quality System Registrar

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANAB accreditation for Occupational Health and Safety Management Systems:

SRI Quality System Registrar
300 Northpointe Circle, Suite 304
Seven Fields, PA 16046
Christopher Lake
Phone: 724-934-9000
E-mail: clake@sriregistrar.com

### ISO 14001 Environmental Management Systems

### Notice of Accreditation

### Certification Body

### HSB CT dba HSB Registration Services

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANAB accreditation for ISO 14001:

HSB CT dba HSB Registration Services
595 East Swedesford Road
Wayne, PA 19087
Janet Kowalski
Phone: 484-582-1419
E-mail: janet_kowalski@hsbct.com

## International Organization for Standardization (ISO)

### Calls for US TAG Administrator

### Project Committee on Treated Wastewater Re-use for Irrigation

The ISO Technical Management board has created a new ISO Project Committee on Treated Wastewater Re-use for Irrigation. The secretariat has been assigned to Israel (SII). The new project committee has the following scope:

> Standardization in the field of projects management for 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.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine, ANSI, at isot@ansi.org.

## Technical Committee on Safety of Attractions

The ISO Technical Management board has created a new ISO Technical Committee on Safety of Attractions. The secretariat has been assigned to the Russian Federation (GOST). The new project committee has the following scope:

The new committee will address the various aspects related to safety, including:

- the influence of acceleration and psycho-physiological loadings of attractions on the human body (biomechanical risks)
- safety of machines from the point of view of system interactions "the operator – an attraction"
- attractions include structural elements (the fixed foundations, not dismantled elements), and it is necessary to assess the relevant requirements related to these elements.
- safety requirements of the electronic systems will also be addressed.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine at isot@ansi.org.

## Technical Committee on Biogas

The ISO Technical Management board has created a new ISO Technical Committee on Biogas. The secretariat has been assigned to China (SAC). The new project committee has the following scope:

The standards on biogas subject will address the following areas:

- Biogas Glossary;
- Designing, Construction, Commissioning, Check and Test of Small Biogas Facilities (Household Biogas Pool);
- Designing, Construction, Commissioning, Check and Test of Large and Middle Scale Biogas Plants;
- Designing, Manufacturing, Installation, Inspection of Biogas Equipments;
- Designing, Manufacturing, Inspection of Products for Biogas Application;
- Designing, Manufacturing, Installation, Inspection of Equipments and Facilities for Biogas Power Generation;
- Comprehensive Use of Digested Solid and Liquid;
- Appraisal on Technical, Economical and Environmental Benefit of Biogas Facilities.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact Rachel Howenstine, ANSI, at isot@ansi.org.

## COMMITTEE FOR GRAPHIC ARTS TECHNOLOGIES STANDARDS

**Secretariat:**
NPES The Association for Suppliers of
Printing, Publishing and Converting Technologies
1899 Preston White Drive
Reston, Virginia 20191-4367
Telephone: 703/264-7200
Fax: 703/620-0994
Internet: http://www.npes.org

June 30, 2010

Re: Proposed Revision to IT8.7-3

At the last CGATS/USTAG meeting, the recommendation was made that, although IT8.7/3 must be maintained for historical purposes, its use should be deprecated in favor of IT8.7/4. Therefore, it is proposed that a notice be placed on the document with the following wording:

*The IT8.7/4 characterization target provides a more extensive data set than is provided by the IT8.7/3 target. CGATS recommends that the IT8.7/4 target be used rather than the IT8.7/3 target for all new work in characterization of 4-color printing.*

Regards,
Debbie Orf
Assistant Director, Standards
NPES
1899 Preston White Drive
Reston, VA 20191
dorf@npes.org
703-264-7229
703-620-0994 (fax)
*Visit the Standards Workroom at:*
*http://www.npes.org/standards/workroom.html*

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### 7.2.3 Suppliers' use of renewable energy

A manufacturer shall receive points for obtaining documentation from suppliers of materials present in the finished product at 1% or greater that lists the total production energy (electrical and thermal) derived from renewable energy sources meeting Green-e requirements used by the suppliers. Conformance to this criterion can be demonstrated by the use of on-site owner-generated renewable energy meeting Green-e requirements, renewable energy supplied from off site sources meeting Green-e requirements, or certified Green-e Power or certified Green-e Tradable Renewable Certificates. The renewable energy sources shall meet Green-e requirements.

A maximum of six points shall be awarded for demonstrating compliance with 7.2.3, as shown in Table 7.2.

**Table 7.2 – Points awarded for supplier's usage of renewable energy**

| Percent renewable energy of total energy production | Points awarded |
|---|---|
| ≥1% | 2 |
| ≥25% | 3 |
| ≥35% | 4 |
| ≥50% | 5 |
| ≥75% | 6 |

Each supplier reports the fraction of renewable energy used in the production of its supplied component(s). The percentage of renewable energy used by any one supplier is factored into the total use of renewable energy by the product components according to its percentage contribution to the finished product on a weight basis.

For example, a product has a total weight of 100 oz/yd$_2$ and a backing component comprises 20 oz/yd$_2$, i.e., contributes 20% of the product weight. The supplier of the backing component utilizes 50% renewable energy. The portion of the finished product produced by renewable energy from this supplier is 10% (i.e. 20% x 50% = 10%). The percentages from all suppliers are summed before determining the total points awarded in Table 7.2.

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