American National Standards

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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

* Standard for consumer products
Comment Deadline: June 29, 2014

ACCA (Air Conditioning Contractors of America)
Revision
BSR/ACCA 12 QH-201x, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2011)
This is a 3rd public review. The revised standard provides guidance to those practitioners who evaluate building performance of existing residential buildings. The proposed standard will identify the metrics, tolerances, approved procedures, and required documentation to (1) evaluate the current performance, (2) establish the basis to create performance improvement specifications, (3) identify approved approaches to implement the specified improvements, and (4) establish the procedures to objectively assess the performance change of the completed improvements. Note: Public Comments are limited to the changes (Red-Lined Text) only.
Send comments (with copy to psa@ansi.org) to: Dick Shaw, (202) 251-3835, shawdd@aol.com; dick.shaw@acca.org

ASME (American Society of Mechanical Engineers)
Revision
BSR/ASME Y14.35-201x, Revision of Engineering Drawings and Associated Documents (revision and redesignation of ANSI/ASME Y14.35M-1997 (R2008))
This Standard defines the practices for revising drawings and associated documents and establishes methods for identification and recording revisions. The revision practices of this Standard apply to any form of original drawing and associated documents. It is essential that this Standard be used in close conjunction with ASME Y14.24, ASME Y14.34, ASME Y14.41, and ASME Y14.100.
Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantino@asme.org

EOS/ESD (ESD Association, Inc.)
Revision
BSR/ESD S20.20-201x, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2007)
This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies, and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 volts HBM, 200 volts CDM, and 35 volts on isolated conductors. Activities that handle items that are susceptible to lower withstand voltages may require additional control elements or adjusted limits. This document does not apply to electrically initiated explosive devices or flammable liquids or powders.
Send comments (with copy to psa@ansi.org) to: Christina Earl, (315) 339-6937, cearl@esda.org

ICC (International Code Council)
Revision
The objective of this Standard is to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe, reliable, and economical storm shelters to protect the public. It is intended that this Standard be used by design professionals, storm shelter designers, manufacturers, and constructors, building officials, emergency management personnel, and government officials to insure that storm shelters provide a consistently high level of protection to the sheltered public.
Send comments (with copy to psa@ansi.org) to: Edward Wirtschoreck, (708) 799-2300 x4317, ewirtschoreck@iccsafe.org

UL (Underwriters Laboratories, Inc.)
Revision
BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2013b)
The following changes in requirements for UL 746B are being proposed: (1) Revise the RTI rating Increments: Is there a better way to assign RTIs from the measured thermal index values?
Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

UL (Underwriters Laboratories, Inc.)
Revision
BSR/UL 1449-201x, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2012)
Recirculation of the following topics: (8) Revisions to thermal responsive device testing - Section 39C, (15) Capacitors.
Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

UL (Underwriters Laboratories, Inc.)
Revision
BSR/UL 1647-201X, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2013a)
(1) Proposed revisions to paragraph 83.5 to clarify the list of instruction statements required to be included in the instructions pertaining to a risk of fire, electric shock, or injury to persons.
Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)
Revision
BSR/UL 1691-201x, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2013)
(1) Revisions to figures B1.1 - B1.3 for clarification of dimensions and tolerances and to address non-TPE (rigid) housings.
Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com
Comment Deadline: July 14, 2014

ASA (ASC S3) (Acoustical Society of America)

New National Adoption

BSR/ASA S3.55-201x/Part 5/IEC 60318-5:2006 (MOD), Electroacoustics - Simulators of Human Head and Ear - Part 5: 2 cm3 coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts (national adoption with modifications of IEC 60318-5:2006)

This part describes an acoustic coupler for loading an earphone or hearing aid with a specified acoustic impedance when determining its physical performance characteristics, in the frequency range 125 Hz to 8 kHz. It is suitable for air-conduction hearing aids and earphones, coupled to the ear by means of ear inserts, e.g., ear molds or similar devices.

Single copy price: $73.00

Obtain an electronic copy from: asastds@aip.org
Order from: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org
Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR ATIS 1000641-201x, Calling Name Identification Presentation (reaffirmation of ANSI ATIS 1000641-1995 (R2009))

This standard is one of a series which defines and describes supplementary services. These services may be made available for users with non-ISDN interfaces who access SS7-capable networks and also within the context of an Integrated Services Digital Network (ISDN). This standard describes Calling Name Identification Presentation which is a terminating service that provides either the name associated with the calling party number or an indication of privacy or unavailability to the called party.

Single copy price: $175.00

Obtain an electronic copy from: kconn@atis.org
Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org; jpmard@atis.org
Send comments (with copy to psa@ansi.org) to: Same

CEA (Consumer Electronics Association)

New Standard

BSR/CEA 2047-201x, CE Energy Usage Information (CE-EUI) (new standard)

This standard will enable consumer electronic devices to communicate their energy usage information, for example, over a home network as well as optionally respond to basic demand/response commands. The usage data may be a measured or estimated value or may use other methods to indicate energy usage. This standard should enable mapping to/from the NAESB/PAP10 EUI model as well as utilize ANSI/CEA-2045 Modular Communications Interface for Energy Management messaging where possible.

Single copy price: $67.00

Obtain an electronic copy from: standards@ce.org
Order from: Veronica Lancaster, (703) 907-7697, vlancaster@ce.org; dwilson@ce.org
Send comments (with copy to psa@ansi.org) to: Same

ECA (Electronic Components Association)

New National Adoption

BSR/EIA 60115-9 e. 1.0, Fixed Resistors for Use in Electronic Equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (identical national adoption of IEC 60115-9 (ed.1.0))

This part of IEC 60115 is applicable to fixed surface mount resistor networks with individually measurable resistors for use in electronic equipment.

Single copy price: $75.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184
Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; lidonohoe@eciaonline.org

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

New Standard

BSR/IAPMO Z1002-201x, Rainwater Harvesting Tanks (new standard)

This Standard covers rainwater harvesting tanks and specifies requirements for design, materials, manufacture, performance testing, and markings. Rainwater harvesting tanks covered by this Standard are (a) made of (i) rigid (i.e., concrete, fiber-reinforced polyester, steel, thermoplastics, and wood) or (ii) flexible materials (i.e., vinyl-coated polyester); (b) prefabricated or assembled at the site of final installation; (c) intended for above-ground or buried installations; (d) intended for stationary (i.e., fixed) installations only; (e) for indoor and outdoor applications; and (f) for atmospheric pressure (i.e., non-pressurized) applications.

Single copy price: $10.00

Obtain an electronic copy from: standards@IAPMOstandards.org
Order from: Abraham Murra, (909) 472-4106, abraham.murra@IAPMOstandards.org
Send comments (with copy to psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

New Standard

BSR/NCPDP Product Identification v1.0-201x, NCPDP Product Identification Standard v1.0 (new standard)

The goal of this standard is to ensure that any change to critical product identifiers is managed in a way that does not adversely affect patient safety, financial processes involving drug products, and the healthcare applications that currently use these identifiers. NCPDP discussed the unintended consequences that could result from changes to the structure of product identifiers and initiated a project to develop a standard that could be used to protect the intended use, format and structure of product identifiers.

Single copy price: $200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org
Order from: Kitty Krempin, (512) 291-1356, kkrempin@ncpdp.org
Send comments (with copy to psa@ansi.org) to: Same
NCPDP (National Council for Prescription Drug Programs)

Revision
BSR/NCPDP FB v4.2-201x, NCPDP Formulary and Benefit Standard (revision and redesignation of ANSI/NCPDP FB v4.1-2013)
Formulary and Benefit Standard provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: kkrempin@ncpdp.org
Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncpdp.org
Send comments (with copy to psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

Revision
BSR/NCPDP Post Adj v4.4-201x, NCPDP Post Adjudication Standard v44-201x (revision and redesignation of ANSI/NCPDP Post Adj v4.3-2014)
The goal of this implementation guide is to support the development of a common format for post-adjudicated pharmacy claim data, which is used to meet the needs of the pharmacy industry to support the communication of patient pharmacy transaction data. The implementation of this standard will provide administrative efficiencies and allow for an industry standard to be used for all entities sharing historical health care data.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: kkrempin@ncpdp.org
Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncpdp.org
Send comments (with copy to psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

Revision
BSR/NCPDP SC WG110060201xxx#, NCPDP SCRIPT Standard 201xxx# (revision and redesignation of ANSI/NCPDP SC WG110059201xxx#)
The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: kkrempin@ncpdp.org
Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncpdp.org
Send comments (with copy to psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

Revision
BSR/NCPDP TC vE6-201x, NCPDP Telecommunication Standard vE6-201x (revision and redesignation of ANSI/NCPDP TC vE5-2014)
The standard supports the format for electronic communication of pharmacy service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content, the transmission protocol, and other appropriate telecommunication requirements.
Single copy price: $200.00 (non-member)
Obtain an electronic copy from: kkrempin@ncpdp.org
Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncpdp.org
Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revision
BSR C12.9-201x, Standard for Test Switches for Transformer-Rated Meters (revision of ANSI C12.9-2005)
Encompasses the dimensions and functions of meter test switches used with transformer-rated watthour meters in conjunction with instrument transformers.
Single copy price: $63.00
Order from: NEMA
Send comments (with copy to psa@ansi.org) to: Paul Orr, (703) 841-3227, Pau_orr@nema.org

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision
This standard defines the electrical and mechanical requirements of standalone solar-type light systems for use in roadway and area lighting equipment.
Single copy price: $55.00
Obtain an electronic copy from: megan.hayes@nema.org
Order from: Megan Hayes, (703) 841-3285, megan.hayes@nema.org
Send comments (with copy to psa@ansi.org) to: Same
OPEI (Outdoor Power Equipment Institute)

Revision
BSR/OPEI B71.3-201x, Snow Throwers - Safety Specifications (revision of ANSI B71.3-2005)
The specifications in this standard apply to (a) walk-behind power snow throwers, (b) ride-on power snow throwers, (c) lawn ride-on tractors with snow thrower attachments, (d) lawn and garden tractors with snow thrower attachments, and (e) lever-steer ride-on machines with snow thrower attachments. These specifications are not intended to apply to hand-held snow throwers nor to airport, highway, and agricultural types of snow removal machines and equipment. This standard does not cover all of the specifications that apply to electrically powered snow throwers.
Single copy price: 180.00/$144.00 (OPEI members)
Obtain an electronic copy from: dmustico@opei.org
Order from: Daniel Mustico, (703) 549-7600, dmustico@opei.org; gcoons@opei.org; gknott@opei.org
Send comments (with copy to psa@ansi.org) to: Same

ROHVA (Recreational Off-Highway Vehicle Association)

Revision
BSR/ROHVA 1-201x, Recreational Off-Highway Vehicles (revision of ANSI/ROHVA 1-2011)
This standard establishes minimum requirements for recreational off-highway vehicles (ROVs). The standard addresses design, configuration and performance aspects of ROVs, including, among other items, requirements for accelerator, clutch and gearshift controls; engine controls; lighting; tires; service and parking brake/parking mechanism performance; lateral and pitch stability; occupant handholds; Roll Over Protective Structure (ROPS); Occupant Retention System (ORS); and requirements for safety labels and owner’s manual.
Single copy price: $60.00 USD
Obtain an electronic copy from: tyager@rohva.org
Order from: Thomas Yager, (949) 300-5366, tyager@rohva.org
Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoption
BSR/UL 62109-1-201x, Standard for Safety of Power Converters for Use in Photovoltaic Power Systems - Part 1: General Requirements (national adoption with modifications of IEC 62109-1)
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard
BSR/UL 827-201X, Standard for Safety for Central-Station Alarm Services (Proposal dated 5-30-14) (new standard)
This recirculation proposal provides modifications to the UL 827 proposed first edition dated 1-10-14.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Dale Ivery, (919) 549-0989, Dale.Ivery@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard
This recirculation proposal provides modifications to the UL 1981 proposed first edition dated 1-10-14.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Dale Ivery, (919) 549-0989, Dale.Ivery@ul.com

UL (Underwriters Laboratories, Inc.)

Revision
BSR/UL 1247-201x, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2014)
The following changes for UL 1247 are being proposed: (1) Further modifications to signaling criteria and figure 11.1.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

Comment Deadline: July 29, 2014

ASME (American Society of Mechanical Engineers)

Reaffirmation
BSR/ASME B18.2.3.6M-1979 (R201x), Metric Heavy Hex Bolts (reaffirmation of ANSI/ASME B18.2.3.6M-1979 (R2006))
This standard covers the complete general and dimensional data for metric heavy hex bolts recognized as “American National Standard.”
Single copy price: $35.00
For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards.
Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezc@asme.org
UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 962-201x, Standard for Safety for Household and Commercial Furnishings (new standard)

UL 962 covers motor-operated furniture such as beds and chairs; electrified and non-electrified furniture; non-seasonal electrical decorations such as lava lamps; home office furnishings; study carrels and desks; commercial retail sales displays, kiosks, motorized carpet displays; electrified building components (heated and electro-chromatic windows, bathroom mirrored cabinets); misc. furnishings intended for use in residential or commercial environments; conference room tables and massage tables. UL 962 covers products rated 600 V ac or less.

Single copy price: Contact comm2000 for pricing and delivery options
Obtain an electronic copy from: www.comm-2000.com
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Danielle Tremblay, (919) 549-1309, Danielle.Tremblay@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1017-201x, Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines (revision of ANSI/UL 1017-2010c)

The proposed 9th edition of Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines.

Single copy price: Contact comm2000 for pricing and delivery options
Obtain an electronic copy from: www.comm-2000.com
Order from: comm2000
Send comments (with copy to psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@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:

ASTM (ASTM International)

BSR/ASTM D115-199x, Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials (new standard)

ASTM (ASTM International)

BSR/ASTM D495-201x, Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (new standard)

ASTM (ASTM International)

BSR/ASTM D0982-200x, Method of Test for Organic Nitrogen in Paper and Paperboard (new standard)

ASTM (ASTM International)


ASTM (ASTM International)


ASTM (ASTM International)

BSR/ASTM D3638-200x, Test Method for Comparative Tracking Index of Electrical Insulating Materials (revision of ANSI/ASTM D3638-93 (R1998))

ASTM (ASTM International)

BSR/ASTM D3755-201x, Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Under Direct-Voltage Stress (new standard)

ASTM (ASTM International)


ASTM (ASTM International)

BSR/ASTM D5423-201x, Specification for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (new standard)

ASTM (ASTM International)

BSR/ASTM D6965-200x, Guide for Use in the Evaluation of Thermal Decomposition Products from Electrical Insulating Materials (new standard)

ASTM (ASTM International)

BSR/ASTM WK42313-201x, Test Method for Thermal Endurance of Coating Powders Used for Integral Bus Bar Insulation Systems (new standard)

ASTM (ASTM International)

BSR/ASTM WK42315-201x, Test Method for Thermal Endurance of Coating Powders Used for Powder Coating Insulation Systems (new standard)

ASTM (ASTM International)

BSR/ASTM Z8220Z-200x, Test Method for Refrigerant Extraction of Electrical Insulating Materials (new standard)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASTM (ASTM International)

ANSI/ASTM D229-2009, Test Methods for Rigid Sheet and Plate Materials Used for Electrical Insulation
ASTM (ASTM International)
ANSI/ASTM D411-2008, Test Methods for Shellac Used for Electrical Insulation

ASTM (ASTM International)
ANSI/ASTM D784-2008, Specification for Orange Shellac and Other Indian Lacs for Electrical Insulation

ASTM (ASTM International)
ANSI/ASTM D1168-2008, Test Methods for Hydrocarbon Waxes Used for Electrical Insulation

ASTM (ASTM International)

ASTM (ASTM International)

ASTM (ASTM International)
ANSI/ASTM D4566-2014, Test Methods for Electrical Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable

ASTM (ASTM International)
ANSI/ASTM D4880-2014, Test Method for Salt Water Proofness of Insulating Varnishes over Enamelled Magnet Wire

ASTM (ASTM International)

ASTM (ASTM International)

Correction

UL 1650

The UL 1650 proposal that was listed in the May 23, 2014 issue of Standards Action should have referenced the UL 1650 proposal dated May 30, 2014. The public review for this proposal will end on July 29, 2014.
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.

ASA (ASC S3) (Acoustical Society of America)
Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Contact: Susan Blaeser
Phone: (631) 390-0215
Fax: (631) 390-0217
E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S3.55-201x/Part 5/IEC 60318-5:2006 (MOD), Electroacoustics - Simulators of Human Head and Ear - Part 5: 2 cm3 coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts (national adoption with modifications of IEC 60318-5:2006)

ASABE (American Society of Agricultural and Biological Engineers)
Office: 2950 Niles Road
St Joseph, MI 49085
Contact: Carla VanGilder
Phone: (269) 932-7015
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASAE S422.1 MONYEAR-201x, Mapping Symbols and Nomenclature for Erosion and Sediment Control Plans for Land Disturbing Activities (revision and redesignation of ANSI/ASAE S422-MAR95 (R2005))

CEA (Consumer Electronics Association)
Office: 1919 South Eads Street
Arlington, VA 22202
Contact: Veronica Lancaster
Phone: (703) 907-7697
Fax: (703) 907-4197
E-mail: viancaster@ce.org; dwilson@ce.org

BSR/CEA 2047-201x, CE Energy Usage Information (CE-EUI) (new standard)

DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)
Office: 1350 SW Alsbury Blvd., #514
Burleson, TX 76028-9219
Contact: Bailey Squier
Phone: (817) 461-1092
Fax: (862) 224-6201
E-mail: bsquier@dmsc.org

BSR/DMSC QIF Part 3-201x, Quality Information Framework - Complete and Accurate Model Based Definition (CAMBD) information model and XML schema files v2.0 (new standard)

BSR/DMSC QIF Part 5-201x, Quality Information Framework - QIF-Resources information model and XML schema files v2.0 (new standard)

BSR/DMSC QIF Part 6-201x, Quality Information Framework - QIF-Rules information model and XML schema files v2.0 (new standard)

BSR/DMSC QIF Part 8-201x, Quality Information Framework - QIF-Statistics information model and XML schema files v2.0 (new standard)

BSR/QIF Part 4-2014, Quality Information Framework -QIF-Plans information model and XML schema files v2.0 (revision and redesignation of ANSI/DMSC QIF 1.0, Part 3, v1.0-2013)


ECA (Electronic Components Association)
Office: 2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212
Contact: Laura Donohoe
Phone: (571) 323-0294
Fax: (571) 323-0245
E-mail: ldonohoe@eciaonline.org

BSR/EIA 60115-9 e. 1.0, Fixed Resistors for Use in Electronic Equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (identical national adoption of IEC 60115-9 (ed.1.0))

NEMA (ASC C136) (National Electrical Manufacturers Association)
Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Contact: Megan Hayes
Phone: (703) 841-3285
Fax: (703) 841-3385
E-mail: megan.hayes@nema.org

BSR C136.40-201x, Roadway and Area Lighting - Solar Lighting Systems (revision of ANSI C136.40-2011)

TAPPI (Technical Association of the Pulp and Paper Industry)
Office: 15 Technology Parkway South
Peachtree Corners, GA 30092
Contact: Charles Bohanan
Phone: (770) 209-7276
Fax: (770) 446-6947
E-mail: standards@tappi.org

BSR/TAPPI T 1012 om-201x, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2010)
The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

ASME (American Society of Mechanical Engineers)

Revised


AWWA (American Water Works Association)

Revised

ANSI/AWWA C520-2014, Knife Gate Valves, Sizes 2 In. (50 mm) Through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2010): 5/23/2014

CRSI (Concrete Reinforcing Steel Institute)

New Standard

* ANSI/CRSI RB4-2014, Supports for Reinforcement Used in Concrete (new standard): 5/22/2014

HL7 (Health Level Seven)

New Standard


ISEA (International Safety Equipment Association)

Revised


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

New National Adoption


**Supplement**


**NEMA (ASC C12) (National Electrical Manufacturers Association)**

**Reaffirmation**

ANSI C12.11-2006 (R2014), Standard for Instrument Transformers for Revenue Metering 10kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) (reaffirmation of ANSI C12.11-2006): 5/27/2014

**NGWA (National Ground Water Association)**

**New Standard**


**NSF (NSF International)**

**Revision**

* ANSI/NSF 50-2014 (i78r5), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50-2012): 5/22/2014

**TIA (Telecommunications Industry Association)**

**New National Adoption**


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

**New Standard**


**Revision**


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.

AHAM (Association of Home Appliance Manufacturers)
Office: 1111 19th Street N.W.
         Suite 402
         Washington, DC 20036
Contact: Matthew Williams
Fax: (202) 872-9354
E-mail: mwilliams@aham.org

* BSR/AHAM DW-1-201x, Household Electric Dishwashers (revision of ANSI/AHAM DW-1-2010)
Stakeholders: Producers, users, general interest.
Project Need: Revision to current version.

This standard includes definitions, methods for testing and evaluating dishwasher cleaning performance, a reference to testing for safety and methods of testing, and recommended levels for inlet and drain tubing of household electric dishwashers of the types indicated. The standard also includes requirements for the dishwasher drain connection to a food waste disposer and references to energy and water consumption measurement methods.

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 S422.1-MONYEAR-201x, Mapping Symbols and Nomenclature for Erosion and Sediment Control Plans for Land Disturbing Activities (revision and redesignation of ANSI/ASAE S422-MAR95 (R2005))
Stakeholders: The current audience for this standard is the group of state Erosion and Sediment Control program managers.
Project Need: Most states have Erosion and Sediment Control guidance documents that use some subset of the practices, abbreviations, and symbols from the standard. One state was found to explicitly reference ASAE S422. Responsible ASABE committee determined the standard should be updated to maintain its relevance. Additional mapping abbreviation and symbols and updated control practices in use will be added.

Establish list of standard mapping symbols for use in erosion and sediment control plan development. Facilitate use and review of such plans by contractors and other professionals. Nomenclature facet complements the mapping symbol development. Does not restrict creation of additional symbols as required for practices not included. Standard does not imply that these practices are suitable for erosion or sediment control in any or all applications. Symbols are intended only to facilitate communications. Symbols must be legible. Size of the symbol is at the discretion of the user. Symbols not intended to be used in lieu of other construction information and details.
BSR/ASTM WK46151-201x, New Test Method for a Laboratory Evaluation of Capture and Containment and Turn-Down Performance of Commercial Kitchen Demand Controlled Ventilation System (new standard)

Stakeholders: Commercial Kitchen Ventilation industry.

Project Need: To evaluate a Demand Controlled Ventilation system for response to cooking challenges from medium and heavy-duty appliance lines with 3 types of cooking sequences.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK46151.htm


Stakeholders: Aviation Gasoline industry.

Project Need: This guide provides procedures to develop data for use in research reports for new aviation gasolines, or new aviation gasoline additives.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK46161.htm

AWS (American Welding Society)

Office: 8669 NW 36 Street #130
Miami, FL 33166
Contact: Jennifer Rosario
Fax: (305) 443-5951
E-mail: jrosario@aws.org

BSR/AWS/NAVSEA B2.1-8-308-201x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (new standard)

Stakeholders: Navy, manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for fillet welds, partial-penetration groove welds, full-penetration groove welds with and without backing, and joints welded from both sides.


Stakeholders: Navy, manufacturers, welders, engineers, and CWIs.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for fillet welds, partial-penetration groove welds, full-penetration groove welds with and without backing, and joints welded from both sides.

DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)

Office: 1350 SW Alsbury Blvd., #514
Burleson, TX 76028-9219
Contact: Bailey Squier
Fax: (682) 224-6201
E-mail: bsquier@dmis.org

BSR/DMSC QIF Part 5-201x, Quality Information Framework - QIF-Resources information model and XML schema files v2.0 (new standard)

Stakeholders: Every manufacturing industry that uses computer-aided quality systems for product design, dimensional measurement planning, measurement execution, and results analysis.

Project Need: Effortless transfer of data describing measurement resources from any user’s software or data base to any vendor’s planning software.

The standard is an information model that can be used to describe resources, both hardware and software, used in manufacturing quality measurement. The resource descriptions can be used to prescribe required resources, or to describe resources used, for inspection of products. The standard also contains XML schema files that implement the information model and that describe the format for exchange files.

BSR/DMSC QIF Part 6-201x, Quality Information Framework - QIF-Rules information model and XML schema files v2.0 (new standard)

Stakeholders: Every manufacturing industry that uses computer-aided quality systems for product design, dimensional measurement planning, measurement execution and results analysis.

Project Need: Effortless transfer of required measurement practices from any user’s software or data base to any vendor’s planning software.

The standard describes an information model used to specify required measurement practices to be used in manufacturing dimensional metrology. The standard also contains XML schema files that implement the information model and that describe the format for rules exchange data packages.
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BSR/DMSC QIF Part 7-2014, Quality Information Framework - QIF-
Results information model and XML schema files v2.0 (revision and
redesignation of ANSI/DMSC QIF 1.0, Part 4, v1.0-2013)
Stakeholders: Every manufacturing industry that uses computer-aided
quality systems for product design, measurement planning,
measurement execution, and results analysis.
Project Need: Effortless transfer of measurement results data from any
vendor's dimensional measurement equipment to display and/or
analysis applications.
Format for quality measurements of dimensional and non-dimensional
entities, including numerical and non-numerical quantities.
Results information includes raw measurement values, and derived
results. Results also include description of the algorithmic means for
calculating derived results. Nominal target values are included to allow
reanalysis. Traceability information including shift, equipment
operator's name, the ID and feature of the item measure, date and time
of the measurement, etc.
BSR/DMSC QIF Part 8-201x, Quality Information Framework - QIF-
Statistics information model and XML schema files v2.0 (new
standard)
Stakeholders: Every manufacturing industry that uses computer-aided
quality systems for product design, measurement planning,
measurement execution, and results analysis.
Project Need: Effortless transfer of multiple-part measurement results
data within manufacturing computer-aided quality systems.
XML format for quality-measurement statistical data of dimensional and
non-dimensional entities, including numerical and non-numerical
quantities. QIF-Statistics includes references to raw measurement
results, traceability, plans and model information. It includes summary
statistical values (capability, standard deviation, maximum, minimum,
etc.), description of the control and sampling plan, corrective action
plan against multiple quality study types (e.g., capability, production,
gage R&R).
BSR/QIF Part 4-2014, Quality Information Framework - QIF-Plans
information model and XML schema files v2.0 (revision and
redesignation of ANSI/DMSC QIF 1.0, Part 3, v1.0-2013)
Stakeholders: Every manufacturing industry that uses computer-aided
quality systems for product design, dimensional measurement
planning, measurement execution, and results analysis.
Project Need: Effortless transfer of dimensional measurement plans
data from any vendor's planning software to execution applications.
The scope is all information required to generate part measurement
programs on any quality-measurement device. Plans include:
dimensional part information, e.g., geometric features, measurement
features, dimensions, and tolerances; part characteristics; nominals
and tolerances; CAD entity relationships; measurement rules; and work
instructions.
BSR/QIF Part 1-2014, and BSR/QIF Part 2-2014, Quality Information
Framework - QIF Library information model and XML schema files
v2.0 (revision and redesignation of ANSI/DMSC QIF Part 1, v1.0 and
DMSC-QIF 1.0, Part 2, v1.0-2013)
Stakeholders: Every manufacturing industry that uses computer-aided
quality systems for product design, measurement planning,
measurement execution, and results analysis.
Project Need: To provide effortless exchange of manufacturing
measurement information among computer-aided quality processes
using a standard format.
QIF is a suite of interface specifications defining quality-measurement
information to, from, and within Computer-Aided Quality (CAQ)
systems. The QIF Library contains data elements common to the major
QIF application areas of Model Based Design, Plans, Resources,
Rules, Results, and Statistics. It includes geometric dimension and
tolerance information, including measurement nominals, tolerances,
geomeric features, geometric dimensions, and quality control frames.

BSR/UL 2040-201x, Standard for Safety for Folding Rollaway Tables
(new standard)
Stakeholders: Manufacturers of folding rollaway tables, Supply chain,
and AHJ.
Project Need: To obtain first-time ANSI approval.
These requirements apply to folding rollaway tables. They may have
integral benches or stool seating. This does not apply to any electrical
circuitry integral to or provided with these. The requirements covering
the intended electrical product to be used with these tables shall be
applicable to any electrical circuits in the table. Electrical devices shall
comply with the requirements for such devices. A product that contains
features, characteristics, components or systems different from those
covered by the requirements in this standard, and that involves a risk of
fire, electric shock, or injury shall be evaluated to appropriate
component and end-product requirements.

TAPPI (Technical Association of the Pulp and Paper Industry)
Office: 15 Technology Parkway South
Peachtree Corners, GA 30092
Contact: Charles Bohanan
Fax: (770) 446-6947
E-mail: standards@tappi.org
BSR/TAPPI T 1012 om-201x, Moisture content of fiber glass mats
(revision of ANSI/TAPPI T 1012 om-2010)
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 correct errors.
This method covers the determination of the moisture content of fiber
glass mat.

UL (Underwriters Laboratories, Inc.)
Office: 12 Laboratory Drive
Research Triangle Park, NC 27709
Contact: Danielle Tremblay
E-mail: Danielle.Tremblay@ul.com
BSR/UL 2040-201x, Standard for Safety for Folding Rollaway Tables
(new standard)
Stakeholders: Manufacturers of folding rollaway tables, Supply chain,
and AHJ.
Project Need: To obtain first-time ANSI approval.
These requirements apply to folding rollaway tables. They may have
integral benches or stool seating. This does not apply to any electrical
circuitry integral to or provided with these. The requirements covering
the intended electrical product to be used with these tables shall be
applicable to any electrical circuits in the table. Electrical devices shall
comply with the requirements for such devices. A product that contains
features, characteristics, components or systems different from those
covered by the requirements in this standard, and that involves a risk of
fire, electric shock, or injury shall be evaluated to appropriate
component and end-product requirements.

SDI (ASC A250) (Steel Door Institute)
Office: 30200 Detroit Road
Westlake, OH 44145
Contact: Linda Hamill
Fax: (440) 892-1404
E-mail: leh@wherryassoc.com
BSR A250.6-201x, Recommended Practice for Hardware Reinforcing
on Standard Steel Doors and Frames (revision of ANSI A250.6-2003
(R2009))
Stakeholders: Users and prospective users of standard steel doors,
frames, and hardware.
Project Need: Revise and update current standard.
The intention of this publication is to furnish users and prospective
users of standard steel doors and frames with practical information
garding design methods for reinforcing and recommended practices
for properly filed preparation for builders' hardware.

E-mail: Danielle.Tremblay@ul.com
American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides 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)
- AGSC (Auto Glass Safety Council)
- 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)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd; select “Standards Activities,” click on “Public Review and Comment” and “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.
ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of Standards Action – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

ACCA
Air Conditioning Contractors of America
2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (202) 251-3835
Fax: (703) 575-9147
Web: www.acca.org

AHAM
Association of Home Appliance Manufacturers
1111 19th Street N.W.
Suite 402
Washington, DC 20036
Phone: (202) 872-5955 x317
Fax: (202) 872-9354
Web: www.aham.org

ASA (ASC 512)
Acoustical Society of America
1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (216) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society
8669 NW 36 Street
#130
Miami, FL 33166
Phone: (800) 443-9353
Fax: (305) 443-5051
Web: www.aws.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

CEA
Consumer Electronics Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.cea.org

CRSI
Concrete Reinforcing Steel Institute
933 North Plumb Grove Road
Schaumburg, IL 60173
Phone: (856) 264-3851
Web: www.crsi.org

DMSC, Inc.
Dimensional Metrology Standards Consortium, Inc.
1350 SW Alsbury Blvd., #514
Burleson, TX 76028-9219
Phone: (817) 461-1092
Fax: (682) 224-6201
Web: www.dmsc.org

ECA
Electronic Components Association
2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.eccioonline.org

EOS/ESD
ESD Association
7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esdo.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

IAPMO (ASC Z124)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmo.org

ICC
International Code Council
4051 West Flossmoor Road
Country Club Hills, IL 60417-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

NCPDP
National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (512) 291-1356
Fax: (480) 767-1042
Web: www.ncpdp.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Fax: (703) 841-3327
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3285
Fax: (703) 841-3385
Web: www.nema.org

NGWA
National Ground Water Association
601 Dempsey Road
Westerville, OH 43081-8978
Phone: (614) 898-7791 x511
Fax: (614) 898-7786
Web: www.ngwa.org

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

OPEI
Outdoor Power Equipment Institute
341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: www.opei.org

ROHVA
Recreational Off-Highway Vehicle Association
2 Jenner Street
Suite 150
Irving, CA 92618
Phone: (949) 255-2560
Fax: (949) 727-4216

SDI (ASC A250)
Steel Door Institute
30200 Detroit Road
Westlake, OH 44145
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.wherryassocsteeldoor.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: (919) 549-1309
Web: www.ul.com
Announcement of Proposed Procedural Revisions
Comment Deadline:  June 29, 2014

Comments with regard to these proposed revisions should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ANSI Executive Standards Council (ExSC) at 212-840-2298.

Public comments received in connection with these proposed revisions will be made available to the public in the ANSI Online public library (http://publicaa.ansi.org/sites/apdl/default.aspx) one week after the close of the comment deadline. The ANSI Executive Standards Council (ExSC) will consider all public comments received by the comment deadline at its next regularly scheduled meeting. Shortly thereafter, all commenters will be provided with a written disposition of their respective comments.

Questions should be directed to psa@ansi.org.
PROPOSED REVISIONS: ANTITRUST POLICY STATEMENTS

ANSI’s Board of Directors recently approved ANSI’s antitrust policy statement that is now posted at http://www.ansi.org/publicstatements/ANSI_Antitrust_Policy.aspx. Consistent with this action, the following revisions are proposed to: 1) the *ANSI Essential Requirements: Due process requirements for American National Standards*; and 2) the *ANSI International Procedures*.

**ANSI Essential Requirements** (www.ansi.org/essentialrequirements)

- Add a new Section 3.3 (after 3.2 Commercial terms and conditions and before Evidence of compliance):

3.3 Antitrust Policy

American National Standards shall be developed in accordance with applicable antitrust and competition laws and meetings amongst competitors to develop American National Standards are to be conducted in accordance with these laws.

**ANSI International Procedures** (www.ansi.org/internationalprocedures)

- Add language to the main text of *ANSI Procedures for US Participation in the International Standards Activities of the ISO* (ANSI International Procedures) and to Annex A Model TAG procedures:

2.3.3 Functions. The duties of the U.S. TAG administrator include:

1. Organizing the U.S. TAG and applying to ANSI for approval of the TAG administrator and initial TAG membership list and accreditation of the TAG
2. Submitting the U.S. TAG membership list and annual report to ANSI on an annual basis for review by the ExSC or its designee
3. Determining that the members of the U.S. TAG participate actively
4. Providing for administrative services, including arrangements for meetings, timely preparation and distribution of documents related to the work of the U.S. TAG, and maintenance of appropriate records, including minutes of meetings and results of letter ballots
5. Transmitting to ANSI U.S. proposals and U.S. positions, as developed and approved by the U.S. TAG
6. Transmitting to ANSI U.S. delegates lists for all international meetings
7. Establishing a procedure to hear appeals of actions or inactions of the U.S. TAG
8. Establishing a written antitrust policy reflecting the TAG’s practice to conduct all business and activity in compliance with applicable antitrust laws.
9. Complying with the requirements associated with ANSI oversight and supervision of the activities of the U.S. TAG and its administrator in accordance with 2.5
10. Ensuring compliance with applicable ANSI and ISO procedures
11. Completing mandatory training offered by ANSI to support compliance with ANSI procedures governing the administration of the U.S. TAG and representation of U.S. interests at ISO
A3 U.S. TAG Administrator

The U.S. TAG administrator shall be designated by the ExSC upon recommendation of its designee if any, and shall accept, in writing, the responsibilities described below:

1. Organizing the U.S. TAG and applying to ANSI for approval of the TAG administrator and initial TAG membership list and accreditation of the TAG
2. Submitting the U.S. TAG membership list and annual report to ANSI on an annual basis for review by the ExSC or its designee
3. Determining that the members of the U.S. TAG participate actively
4. Providing for administrative services, including arrangements for meetings, timely preparation and distribution of documents related to the work of the U.S. TAG, and maintenance of appropriate records, including minutes of meetings and results of letter ballots
5. Transmitting U.S. proposals and U.S. positions, as developed and approved by the U.S. TAG, to ANSI
6. Transmitting to ANSI U.S. delegates lists for all international meetings
7. Establishing a procedure to hear appeals of actions or inactions of the U.S. TAG
8. Establishing a written antitrust policy reflecting the TAG’s practice to conduct all business and activity in compliance with applicable antitrust laws.
9. Complying with the requirements associated with ANSI oversight and supervision of activities of the U.S. TAG and its administration in accordance with 2.5.5
10. Ensuring compliance with applicable ANSI and ISO procedures
11. Completing mandatory training offered by ANSI to support compliance with ANSI procedures governing the administration of the U.S. TAG and representation of U.S. interests at ISO

A.11 Antitrust Policy (insert before current A11 Parliamentary Procedures)

U.S. positions developed by ANSI Accredited U.S. TAGs shall be developed in accordance with applicable antitrust and competition laws and meetings amongst competitors to develop U.S. positions are to be conducted in accordance with these laws.
This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

**Comments**

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

**Ordering Instructions**

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

**ISO Standards**

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646/DAm1, Information technology - Universal Coded Character Set (UCS) - Amendment 1: Nushu, Tamil supplement, and other characters - 6/30/2014, $88.00

**IEC Standards**

17A/1065/CD, IEC 62271-1 Ed.2: High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear, 09/05/2014


21/830/CDV, IEC 62877-1: Electrolyte and water for vented Lead Acid accumulators - Part 1: Requirements for electrolyte, 09/05/2014

21/831/CDV, IEC 62877-2: Electrolyte and water for vented Lead Acid accumulators - Part 2: Requirements for water, 09/05/2014

34D/1129/CD, IEC 60598-2-4 Ed.3: Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires, 09/05/2014

45A/954/CDV, IEC 62765-1 Ed.1: Nuclear power plants - Instrumentation and control important to safety - Management of ageing of sensors and transmitters - Part 1: Pressure transmitters, 09/05/2014

45A/961/FDIS, IEC 62645 Ed.1: Nuclear power plants - Instrumentation and control systems - Requirements for security programmes for computer-based systems, 07/25/2014

45A/962/CD, IEC 62138 Ed.2: Nuclear power plants - Instrumentation and control important to safety - Software aspects for computer-based systems performing category B or C functions, 09/05/2014

56/1562/CD, IEC 61822/Ed 2: Hazard and operability studies (HAZOP studies) - Application guide, 09/05/2014


82/849/CD, IEC 62109-3 Ed.1: Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements, 09/05/2014

82/850/CD, IEC 62788-1-6 Ed.1: Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene-Vinyl Acetate encapsulation for photovoltaic modules, 09/05/2014

91/1175/CDV, IEC 61249-2-43 Ed.1: Materials for printed boards and other interconnecting structures - Part 2-43: Reinforced base materials clad and unclad - Non-halogen epoxide cellulose paper/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 09/05/2014

91/1176/CDV, IEC 61249-2-44 Ed.1: Materials for printed boards and other interconnecting structures - Part 2-44: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly, 09/05/2014

91/1187/DT, IEC/TR 62699-1 Ed.1: Mapping rules and exchanges methods for heterogeneous electronic parts libraries - Building an integrated search system, 07/25/2014

101/428/CDV, IEC 61340-5-3 Ed.2: Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices, 09/05/2014

105/506/FDIS, IEC 62282-4-101 Ed.1: Fuel cell technologies - Part 4 -101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Safety of electrically powered industrial trucks, 07/25/2014

114/135/NP, Future IEC 62600-xxx TS Ed.1: Marine energy - Wave, tidal and other water current converters - Part ###: Electricity producing river energy converters - Power performance assessment, 09/05/2014

CIS/D/417/CD, CISPR 12: Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers, 09/05/2014
Newly Published ISO & IEC Standards

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

ISO Standards

ACOUSTICS (TC 43)
ISO 12999-1:2014, Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation, $132.00

AIR QUALITY (TC 146)
ISO 12219-5:2014, Interior air of road vehicles - Part 5: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials - Static chamber method, $149.00

AIRCRAFT AND SPACE VEHICLES (TC 20)
ISO 10788:2014, Space systems - Lunar simulants, $88.00
ISO 11077:2014, Aircraft ground equipment - De-icers - Functional requirements, $139.00
ISO 17255:2014, Space systems - Programme management - Statement of work, $123.00

DENTISTRY (TC 106)
ISO 11499:2014, Dentistry - Single-use cartridges for local anaesthetics, $88.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)
ISO 7240-1:2014, Fire detection and alarm systems - Part 1: General and definitions, $114.00

FINE CERAMICS (TC 206)
ISO 17140:2014, Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at room temperature - Determination of fatigue properties at constant amplitude, $108.00
ISO 17861:2014, Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method of spectral transmittance of fine ceramics thin films under humid condition, $88.00

MACHINE TOOLS (TC 39)
ISO 1986-1:2014, Test conditions for surface grinding machines with horizontal grinding wheel spindle and reciprocating table - Testing of the accuracy - Part 1: Machines with table length of up to 1 600 mm, $123.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)
ISO 17411:2014, Optics and photonics - Optical materials and components - Test method for homogeneity of optical glasses by laser interferometry, $114.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)
ISO 5163:2014, Petroleum products - Determination of knock characteristics of motor and aviation fuels - Motor method, $149.00
ISO 5164:2014, Petroleum products - Determination of knock characteristics of motor fuels - Research method, $149.00

PLASTICS (TC 61)
ISO 15510:2014, Stainless steels - Chemical composition, $224.00
ISO 16143-1:2014, Stainless steels for general purposes - Part 1: Corrosion-resistant flat products, $199.00
ISO 16143-2:2014, Stainless steels for general purposes - Part 2: Corrosion-resistant semi-finished products, bars, rods and sections, $180.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)
ISO 17484-1:2014, Plastics piping systems - Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Part 1: Specifications for systems, $173.00

ROAD VEHICLES (TC 22)
ISO 3468:2014, Passenger cars - Windscreen defrosting and demisting systems - Test method, $88.00
ISO 12405-3:2014, Electrically propelled road vehicles - Test specification for lithium-ion traction battery packs and systems - Part 3: Safety performance requirements, $149.00

SMALL TOOLS (TC 29)
ISO 16462:2014, Cubic boron nitride inserts, tipped or solid - Dimensions, types, $123.00

STEEL (TC 17)
ISO 15510:2014, Stainless steels - Chemical composition, $224.00
ISO 16143-1:2014, Stainless steels for general purposes - Part 1: Corrosion-resistant flat products, $199.00
ISO 16143-2:2014, Stainless steels for general purposes - Part 2: Corrosion-resistant semi-finished products, bars, rods and sections, $180.00
ISO Technical Specifications

ESSENTIAL OILS (TC 54)

ISO/IEC JTC 1, Information Technology

ISO/IEC TS 11581-41:2014, Information technology - User interface icons - Part 41: Data structure to be used by the ISO/IEC JTC 1/SC 35 icon database, $108.00

IEC Standards

ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)
IEC 61810-7 Ed. 2.0 b:2006, Electromechanical elementary relays - Part 7: Test and measurement procedures, $351.00
IEC 61811-11 Ed. 1.0 b:2002, Electromechanical elementary relays of assessed quality - Part 11: Blank detail specification - Relays for industrial application, $121.00

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)
IEC 60728-1 Ed. 5.0 en:2014, Cable networks for television signals, sound signals and interactive services - Part 1: System performance of forward paths, $399.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)
IEC 61169-45 Ed. 1.0 b:2014, Radio-frequency connectors - Part 45: Sectional specification for SQMA series quick lock RF coaxial connectors, $182.00

DEPENDABILITY (TC 56)
IEC 60300-1 Ed. 3.0 en:2014, Dependability management - Part 1: Guidance for management and application, $278.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)
IEC 61000-3-2 Ed. 4.0 b:2014, Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase), $230.00

FIBRE OPTICS (TC 86)
IEC 61978-1 Ed. 3.0 en:2014, Fibre optic interconnecting devices and passive components - Fibre optic passive chromatic dispersion compensators - Part 1: Generic specification, $206.00
IEC 62149-2 Ed. 2.0 b:2014, Fibre optic active components and devices - Performance standards - Part 2: 850 nm discrete vertical cavity surface emitting laser devices, $121.00
IEC 62149-3 Ed. 2.0 b:2014, Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 2,5-Gbit/s to 40-Gbit/s fibre optic transmission systems, $73.00
IEC 60794-1-2 Ed. 3.0 b:2013, Optical fibre cables - Part 1-2: Generic specification - Cross reference table for optical cable test procedures, $31.00
IEC 61753-1-3 Ed. 1.0 en:2014, Fibre optic interconnecting devices and passive components - Performance standard - Part 1-3: General and guidance for single-mode fibre optic connector and cable assembly for industrial environment, Category I, $121.00
IEC 61290-10-5 Ed. 1.0 b:2014, Optical amplifiers - Test methods - Part 10-5: Multichannel parameters - Distributed Raman amplifier gain and noise figure, $157.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)
IEC 60770-3 Ed. 2.0 b:2014, Transmitters for use in industrial-process control systems - Part 3: Methods for performance evaluation of intelligent transmitters, $303.00
IEC 61158-1 Ed. 1.0 b:2014, Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series, $351.00

INSULATING MATERIALS (TC 15)
IEC 60464-2 Amd.1 Ed. 2.0 b:2006, Amendment 1 - Varnishes used for electrical insulation - Part 2: Methods of test, $17.00
IEC 60464-2 Ed. 2.1 b:2014, Varnishes used for electrical insulation - Part 2: Methods of test, $169.00
IEC 61212-1 Ed. 2.0 b:2006, Insulating materials - Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes - Part 1: Definitions, designations and general requirements, $55.00
IEC 62329-1 Ed. 1.0 b:2005, Heat shrinkable moulded shapes - Part 1: Definitions and general requirements, $43.00
IEC 60371-3-1 Ed. 3.0 b:2006, Specification for insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 1: Commutator separators and materials, $55.00
IEC 60371-3-2 Ed. 2.0 b:2005, Insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 2: Mica paper, $61.00
IEC 60371-3-5 Ed. 2.0 b:2005, Insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-impregnation (VPI), $55.00
IEC 60464-3-1 Amd.1 Ed. 2.0 b:2006, Amendment 1 - Varnishes used for electrical insulation - Part 3: Specifications for individual materials - Sheet 1: Ambient curing finishing varnishes, $14.00
IEC Technical Specifications

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)


LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60598-1 Ed. 8.0 b:2014, Luminaires - Part 1: General requirements and tests, $411.00

NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)

IEC 62607-3-1 Ed. 1.0 b:2014, Nanomanufacturing - Key control characteristics - Part 3-1: Luminescent nanomaterials - Quantum efficiency, $230.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60704-2-1 Ed. 3.0 b:2014, Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for vacuum cleaners, $97.00

POWER CAPACITORS (TC 33)

IEC 60831-1 Ed. 3.0 b cor.1:2014, Corrigendum 1 - Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V - Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation, $0.00

IEC 60871-1 Ed. 4.0 b:2014, Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V - Part 1: General, $303.00

POWER TRANSFORMERS (TC 14)

IEC 60214-1 Ed. 2.0 en:2014, Tap-changers - Part 1: Performance requirements and test methods, $351.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

IEC 62841-2-2 Ed. 1.0 b:2014, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches, $85.00

IEC 62841-3-6 Ed. 1.0 b:2014, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system, $97.00

IEC Technical Reports

SECONDARY CELLS AND BATTERIES (TC 21)

IEC/TR 62914 Ed. 1.0 en:2014, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Experimental procedure for the forced internal short-circuit test of IEC 62133:2012, $55.00
Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

Association of Chinese Students of Private Schools of America
Public Review: March 21 to June 13, 2014
NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by 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: nscsi@nist.gov or notifyus@nist.gov.
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 of choice for information technology developers, producers and users for the creation and maintenance of 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 40+ 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 has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**
  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**
  This category primarily produces software products for the ITC marketplace.

- **Distributor**
  This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**
  This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**
  This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**
  - “Minor” an SDO or Consortium that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.
  - **Academic Institution**
    This category is for organizations that include educational institutions, higher education schools or research programs.
  - **Other**
    This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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 202-626-6737 or jgarner@itic.org. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members
Society of Cable Telecommunications
ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE’s standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE’s membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers
Approvals of Reaccreditation

ASC O5 – Wood Poles and Other Wood Products

At the direction of ANSI’s Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee O5, Wood Poles and Other Wood Products has been approved under its recently revised operating procedures for documenting consensus on ASC O5-sponsored American National Standards, effective May 28, 2014. For additional information, please contact the Secretariat of ASC O5: Mr. Colin McCown, Executive Vice-President, American Wood Protection Association, P.O. Box 361784, Birmingham, AL 35236-1784; phone: 205.733.4077; e-mail: mccown@awpa.com.
Outdoor Power Equipment Institute (OPEI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Outdoor Power Equipment Institute (OPEI), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on OPEI-sponsored American National Standards, effective May 28, 2014. For additional information, please contact: Mr. Daniel J. Mustico, Vice-President, Government and Market Affairs, Outdoor Power Equipment Institute, 341 South Patrick Street, Alexandria, VA 22314; phone: 703.549.7600; e-mail: dmustico@opei.org.

American Society of Civil Engineers (ASCE)

ANSI's Executive Standards Council has approved the reaccreditation of the American Society of Civil Engineers (ASCE), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on ASCE-sponsored American National Standards, effective May 27, 2014. For additional information, please contact: Mr. Paul Sgambati, Director, Codes & Standards, American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191-4382; phone: 703.295.6297; e-mail: psgambati@asce.org.

Reaccreditations

Alliance for Telecommunications Industry Solutions (ATIS)

Comment Deadline: June 30, 2014

The Alliance for Telecommunications Industry Solutions (ATIS), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on ATIS-sponsored American National Standards, last reaccredited in 2012. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of ATIS’ revised procedures or to offer comments, please contact: Ms. Kerrianne Conn, Administrator for Standards Processes and Publications, Alliance for Telecommunications Industry Solutions, 1200 G Street NW, Suite 500, Washington, DC 20005; phone: 202.434.8841; e-mail: kconn@atis.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fpadfl%2fDocuments%2fStandards%2f20Activities%2fPublic%2fReview%20and%20Comments%2f2014%2f20Accreditation%20Actions&View=%7b21C60355%2dA1B7%2d4CD7%2dA090%2dBAEECE5D7C60%7d.

Please submit any public comments on the revised policies and procedures to ATIS by June 30, 2014, with a copy to the ExSC Recording Secretary in ANSI’s New York Office (E-mail: Jthompso@ansi.org).

American Institute of Steel Construction (AISC)

Comment Deadline: June 30, 2014

The American Institute of Steel Construction (AISC), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on AISC-sponsored American National Standards, last reaccredited in 2009. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of AISC’s revised procedures or to offer comments, please contact: Mr. Keith Grubb, P.E., S.E., Senior Engineer, American Institute of Steel Construction, 1 East Wacker Drive, Suite 700, Chicago, IL 60601; phone: 312.670.8318; e-mail: grubb@aisc.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fpadfl%2fDocuments%2fStandards%2f20Activities%2fPublic%2fReview%20and%20Comments%2f2014%2f20Accreditation%20Actions&View=%7b21C60355%2dA1B7%2d4CD7%2dA090%2dBAEECE5D7C60%7d.

Please submit any public comments on the revised policies and procedures to AISC by June 30, 2014, with a copy to the ExSC Recording Secretary in ANSI’s New York Office (E-mail: Jthompso@ansi.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation to ISO/IEC 17065

Solar Rating & Certification Corporation (SRCC)

Comment Deadline: June 30, 2014

Mr. Jim Huggins - Technical Director
Solar Rating & Certification Corporation (SRCC)
400 High Point Drive, Suite 400
Cocoa, FL 32926-6630
Phone: 321-213-6037
Fax: 321-821-0910
E-mail: jhuggins@solar-rating.org
Web: www.solar-rating.org

On May 27, 2013, Solar Rating & Certification Corporation (SRCC), Inc. was approved for ANSI Initial Accreditation to ISO/IEC 17065 for the following scopes:

Scopes:
- Solar Thermal (glazed, unglazed, and concentrating) Collectors
- Solar Thermal Water Heating Systems

Please send your comments by June 30, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293 9287 or e-mail: njackson@ansi.org.
Voluntary Withdrawal from ANSI Accreditation
Certification Commission for Health Information Technology (CCHIT)
Ms. Alisa Ray - Executive Director
Certification Commission for Health Information Technology (CCHIT)
200 S. Wacker Drive, Suite 3100
Chicago, IL 60606
Phone: 312-674-4930
Fax: 312-896-1466
E-mail: aray@cchit.org
Web: www.cchit.org
Effective May 23, 2014, Certification Commission for Health Information Technology (CCHIT) voluntarily withdrew from ANSI accreditation of the following scopes:
SCOPE(S):
- Permanent Certification Program for Health Information Technology (45 CFR Subpart E)
- Certification of other types of HIT for which the Secretary has adopted certification criteria under Subpart C of 45 CFR
- Complete EHR Certification
- EHR Module Certification (ALL)
If you have any questions regarding this or other matters related to Product Certification Accreditation, please contact Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation or Nikki Jackson, Senior Program Manager, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org; or njackson@ansi.org.

International Organization for Standardization (ISO)

Call for Comments
ISO/TMB Standards under Systematic Review
Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.
ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:
- TS/P 244 – Feed machinery
As there is no accredited U.S. TAG to provide the U.S. consensus positions on these documents, we are seeking comments from any directly and materially affected parties. Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

ISO/TC 119/SC 5 Specifications for powder metallurgical materials (excluding hard metals)
Currently, the U.S. holds a leadership position as secretariat of ISO/TC 119/SC 5 (Specifications for powder metallurgical materials [excluding hard metals]). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 119/SC 5 to ASTM. ASTM has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.
ISO/TC 119/SC 5 operates under the following scope:
Standardization of powder metallurgical materials concerning terms and definitions, sampling, testing method
ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 119/SC 5. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:
1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. The affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. The relevant US TAG has been consulted with regard to ANSI’s potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.
If no U.S. organization steps forward to assume the ISO/TC 119/SC 5 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.
Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

U.S. Technical Advisory Groups
Approval of TAG Accreditation
U.S. TAG to ISO TC 188/SC 1 – Personal Safety Equipment
ANSI’s Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 188/SC 1, Personal Safety Equipment under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) and with the Underwriters Laboratories serving as TAG Administrator, effective May 28, 2014. For additional information, please contact: Ms. Betty Holthouser, Project Manager, Standards Department, Underwriters Laboratories, 12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709-3995; phone: 919.549.1896; email: Betty.C.Holthouser@ul.com.
Meeting Notices

Development of AHRI Standard 540, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting in Atlanta, Ga. on June 4 from 9 a.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

Development of AHRI Standard 1260P

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting in Arlington, VA on June 4 from 8 a.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Anuj Mistry at amistry@ahrinet.org.
### Section # and Title

#### 3.0 COMPREHENSIVE PERFORMANCE AUDIT

The comprehensive performance audit shall collect data about the residence in the form of measurements, tests, and observations. This section defined the areas of the residence that shall be evaluated and the information that shall be collected. Prior to conducting the audit, the Auditor shall notify the occupants of the potential for aggravation to persons with environmental sensitivities (e.g., asthma, allergies, chemical sensitivity, etc.) and that it may take hours for the home to settle to pre-test conditions recommend that they leave the building. When conditions listed in Appendix A, §A1.0 exist, the Auditor or auditing company shall disclose the potential for conflict of interest.

#### 3.2.6 Combustion Appliance Venting (Atmospherically vented appliances)

- **3.2.6.a Requirement:** The Auditor shall document whether the combustion appliance venting system shows evidence of or insufficient performance for the following:
  - i. Blockages,
  - ii. Soot,
  - iii. Corrosion or oxidation,
  - iv. Improper support, slope, and/or termination,
  - v. For gas-fired appliances, Insufficient draft.

- **3.2.6.b Acceptable Procedures:** The Auditor shall visually inspect the venting system for i. through iv. above, and perform a draft test for v. above in accordance with the NFGC §11.6 (for gas-fired appliances) or NFPA 31 §6.3.1 (for oil-fired appliances), and record the findings for all of the above.
Y14.35
Revision of Engineering Drawings
and Associated Documents

ENGINEERING DRAWING AND RELATED DOCUMENTATION PRACTICES

TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or Quotation
ASME Standards Certification

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
Two Park Avenue
New York, New York 10016-5990
1 GENERAL

1.1 Scope
This Standard defines the practices for revising drawings and associated documentation and establishes methods for identification and recording revisions. The revision practices of this Standard apply to any form of original drawing and associated documentation. It is essential that this Standard be used in close conjunction with ASME Y14.24, ASME Y14.34, ASME Y14.41, and ASME Y14.100.

3 DEFINITIONS

3.4 Change:
Alterations made to a drawing or associated document as part of a revision or a Revision Authorization Document.

3.8.1 Current Design Activity — Current:
The design activity currently responsible for the design of an item. This may be the original design activity or a design activity to which the design responsibility has been transferred. (ASME Y14.100 2.4.4M)

3.8.2 Original Design Activity — Original:
The design activity originally responsible for the design and identification of an item whose drawing number and activity identification and address (city and state), or CAGE Code is shown in the title block of the drawings and associated documents (ASME Y 14.100).

3.27 Abbreviations:
The following is a list of abbreviations used in this standard:

3.27.1 CANC Canceled
3.27.2 DEL Delete
3.27.3 FIG. Figure
3.27.4 PARA. Paragraph
3.27.5 REV Revision
4 DRAWING PRACTICES

4.7 Design Activity Authority.
To maintain item configuration, an original drawing shall only be revised or changed only by the current design activity. Copies of a drawing purchased or acquired by a customer or supplier shall not be revised or changed by that entity, whether or not they have unlimited or limited rights to the drawing. When a customer or supplier, with appropriate data rights, has a need for a drawing to be revised or changed, the requestor shall arrange for the current design activity to incorporate requested revisions or changes.

5 IDENTIFYING INITIAL RELEASE and REVISIONS ON DRAWINGS

5.2 Revision Letters.
The revision letter is the identification of the revision level of the sheet or drawing. Upper case letters shall be used in sequence beginning with A and omitting letters “I”, “O”, “Q”, “S”, “X”, and “Z” for single, double and triple revision letters. When the single letters have been exhausted, the revisions following “Y” shall be “AA,” “AB” through “AY”. Should “AA” to “AY” be exhausted, the next sequence shall be “BA,” “BB,” etc. When the double letters have been exhausted, the revision following “YY” shall be “AAA”, “AAB” through “AYY”. Should “AAA” through “AYY” be exhausted, the next sequence shall be “BAA”, “BAB”, etc. Revision letters shall not exceed three alpha characters. Initial issue of a drawing does not constitute need for a revision letter and may be indicated by the use of a - (dash). The revision letter is the identification of the revision level of the sheet or drawing. The identity of the RAD or an itemized description of change(s) is included in the Revision History blocks part of the revision.
**FOREWORD**

This standard covers the requirements necessary to design, establish, implement and maintain an Electrostatic Discharge (ESD) Control Program for activities that manufacture, process, assemble, install, package, label, service, test, inspect or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 volts Human Body Model (HBM) and 200 volts Charged Device Model (CDM). The CDM voltage level as used in this document is based on managing process essential insulators to mitigate field induced voltages on devices that could lead to damage.

HBM and CDM testing for device qualification is defined by JEDEC JESD47. In addition, this standard also covers the requirements for isolated ungrounded conductors; if the rules of this standard are followed, devices with a Machine Model (MM) robustness of 20 V or more can easily be handled. The reference to Machine Model (MM) is retained in this standard for the historical association of the MM withstand voltage robustness of devices to charged isolated conductors.

The Machine Model test is no longer required for qualification of devices and test data may not be available, but are intrinsically given by the HBM robustness. The ESD robustness of devices are now fully characterized by HBM and CDM. The CDM event model describing the metal-to-metal contact that was formerly associated with MM. Therefore, MM testing is no longer required for qualification of devices and test data may not be available.

This document covers the ESD Control Program requirements for setting up a program to handle ESD sensitive (ESDS) items, based on the historical experience of both military and commercial organizations. References include ESD Association, U.S. Military and ANSI approved standards for material properties and test methods. The fundamental ESD control principles that form the basis of this document are:

A. All conductors in the environment, including personnel, shall be bonded or electrically connected and attached to a known ground or contrived ground (as on shipboard or on aircraft). This attachment creates an equipotential balance between all items and personnel. Electrostatic protection can be maintained at a potential above a “zero” voltage ground potential as long as all items in the system are at the same potential.

B. Necessary non-conductors (i.e. process-required insulators) in the environment cannot lose their electrostatic charge by attachment to ground. Ionization systems provide neutralization of charges on these necessary non-conductive items (circuit board materials and some device packages are examples of necessary non-conductors). Assessment of the ESD hazard created by electrostatic charges on the necessary non-conductors in the work place is required to ensure that appropriate actions are implemented, commensurate with risk to ESDS items.

C. Transportation of ESDS items outside an ESD Protected Area (hereafter referred to as “EPA”) requires enclosure in static protective materials, although the type of material depends on the situation and destination. Inside an EPA, low charging and static dissipative materials may provide adequate protection. Outside an EPA, low charging and static discharge shielding materials are recommended. While these materials are not discussed in the document, it is important to recognize the differences in their application. For more clarification see ANSI/ESD S541.

Any relative motion and physical separation of materials or flow of solids, liquids or particle-laden gases can generate electrostatic charges. Common sources of ESD include personnel, items made from common polymeric materials, and processing equipment. ESD damage can occur in a number of ways, including:

i. A charged object (including a person) coming into contact with an ESDS item.

ii. A charged ESDS device making contact with ground or another conductive object at a different potential.

iii. An ESDS device is grounded while exposed to an electrostatic field.

Examples of ESDS items are microcircuits, discrete semiconductors, thick and thin film resistors, hybrid devices, printed circuit boards and piezoelectric crystals. It is possible to determine device and item susceptibility by exposing the device to simulated ESD events. The level of sensitivity, determined by
testing using simulated ESD events, may not necessarily relate to the level of sensitivity in a real life situation. However, the levels of sensitivity are used to establish a baseline of susceptibility data for comparison of devices with equivalent part numbers from different manufacturers. Two different models are used for characterization of electronic components: HBM and CDM.

Compliance to this standard can be demonstrated through third party certification. The certification process is similar to any quality management system certification such as ISO 9001. Information on the certification process can be obtained by contacting an ESD Association approved Certifying Body. For a list of ESD Association approved Certifying Bodies, see www.esda.org.

2.0 SCOPE

This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport or otherwise handle electrical or electronic parts, assemblies and equipment susceptible to damage by electrostatic discharges greater than or equal to 100 volts HBM, 200 volts CDM, and 20-35 volts on isolated charged conductors. Activities that handle items that are susceptible to lower withstand voltages may require additional control elements or adjusted limits. Processes designed to handle items that have an ESD sensitivity to lower withstand voltages can still claim compliance to this standard. This document does not apply to electrically initiated explosive devices, flammable liquids or powders.

NOTE: The CDM voltage level as used in this document is based on managing process essential insulators to mitigate induced voltages on devices that could lead to damage.

NOTE: Isolated conductors were historically represented by MM.

NOTE: The 20 volts on isolated charge conductors was historically represented by MM. The 20 volts is derived from the Industry Council White Paper 1. All devices that have HBM protection will inherently have at least 20 volts MM protection. Device characterization of MM is not required. (See http://www.esdindustrycouncil.org)

8.1 Grounding / Equipotential Bonding Systems

Grounding / Equipotential Bonding Systems shall be used to ensure that ESDS items, personnel and any other conductors that come into contact with ESDS items (e.g., mobile equipment) are at the same electrical potential. An implementing process shall be selected from Table 1.

8.3.1 Insulators

All nonessential insulators such as coffee cups, food wrappers and personal items shall be removed from the workstation EPA or any operation where unprotected ESDS items are handled.

The ESD program shall include a plan for handling process-required insulators in order to mitigate field-induced CDM damage. The ESD program shall include a plan for the handling of process-required insulators.

If the field measured on the process required insulator is greater than 2000 volts/inch and the process required insulator is less than 30 cm (12 inches) from the ESDS item, steps shall be taken to either:

A) Separate the required insulator from the ESDS item by a distance of greater than 30 cm (12 inches);

or

B) Use ionization or other charge mitigating techniques to neutralize the charge.

If the field measured on the process required insulator is greater than 125 volts/inch and the process required insulator is less than 2.5 cm (1 inch) from the ESDS item, steps shall be taken to either:

A) Separate the required insulator from the ESDS item by a distance of greater than 2.5 cm (1 inch);

or

B) Use ionization or other charge mitigating techniques to neutralize the charge.

NOTE: The accurate measurement of electrostatic fields requires that the person making the measurement is familiar with the operation of the measuring equipment. Most hand held meters require that the reading be taken at a fixed distance from the object. They also normally specify that the object has a minimum dimension of fixed size in order to obtain an accurate reading.
All nonessential insulators such as coffee cups, food wrappers and personal items shall be removed from the workstation or any operation where unprotected ESDS items are handled.

An EPA shall be established wherever ESDS items are handled. However, there are many different ways to establish ESD controls within an EPA. Table 3 lists some optional ESD control items which can be used to control static electricity. For those ESD control items that are selected for use in the ESD Control Program, the required limits and test methods for those items become mandatory.

8.3.2 Isolated Conductors

When establishing an ESD Control Plan, if a conductor that comes into contact with an ESDS item cannot be grounded or equipotentially bonded together, then the process must ensure that the difference in potential between the conductor and the contact of the ESDS item is less than 35 volts.

This can be accomplished by measuring the ESDS item and the conductor by using a non-contact electrostatic voltmeter or a high impedance contact electrostatic voltmeter.

NOTE: Non-contacting fieldmeters have an aspect ratio for field of view that will dictate the applicability of their use in any given environment. Users are cautioned to follow the instructions of the instrument manufacturer.
<table>
<thead>
<tr>
<th>Technical Requirement</th>
<th>ESD Control Item</th>
<th>Product Qualification&lt;sup&gt;(1)&lt;/sup&gt;</th>
<th>Compliance Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Test Method</td>
<td>Required Limit(s)&lt;sup&gt;(2)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Worksurface&lt;sup&gt;(3,4)&lt;/sup&gt;</td>
<td>ANSI/ESD S4.1</td>
<td>Point to Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td>ESD TR53 Worksurface Section</td>
</tr>
<tr>
<td></td>
<td>ANSI/ESD STM4.2</td>
<td>&lt; 200 volts</td>
<td></td>
</tr>
<tr>
<td>Wrist Strap</td>
<td>ANSI/ESD S1.1</td>
<td>0.8 x 10&lt;sup&gt;6&lt;/sup&gt; to 1.2 x 10&lt;sup&gt;6&lt;/sup&gt; ohms</td>
<td>For compliance verification of a Wrist Strap System, see Table 2.</td>
</tr>
<tr>
<td>Wristband</td>
<td>ANSI/ESD S1.1</td>
<td>Interior &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exterior &gt; 1 x 10&lt;sup&gt;7&lt;/sup&gt; ohms</td>
<td></td>
</tr>
<tr>
<td>Personnel Ground wrist strap connection (non-monitored)</td>
<td>ANSI/ESD S6.1</td>
<td>Point to Ground &lt; 2 ohms</td>
<td>ESD TR53 Bonding Systems</td>
</tr>
<tr>
<td>Footwear</td>
<td>ANSI/ESD STM9.1</td>
<td>Point to Groundable Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td></td>
</tr>
<tr>
<td>Foot Grounders</td>
<td>ESD SP9.2</td>
<td>Point to Groundable Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td>For compliance verification of Footwear / Flooring System, see Table 2.</td>
</tr>
<tr>
<td>Flooring</td>
<td>ANSI/ESD STM7.1</td>
<td>Point to Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Point to Groundable Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td></td>
</tr>
<tr>
<td>Seating</td>
<td>ANSI/ESD STM12.1</td>
<td>Point to Groundable Point &lt; 1 x 10&lt;sup&gt;9&lt;/sup&gt; ohms</td>
<td>ESD TR53 Seating Section</td>
</tr>
</tbody>
</table>

---

1. Product qualification is normally conducted during the initial selection of ESD control products and materials. Any of the following methods can be used: product specification review, independent laboratory evaluation or internal laboratory evaluation.
2. For standards that have multiple resistance test methods, these limits apply to all methods.
3. Worksurfaces are defined as any surface on which an unprotected ESDS item is placed.
4. Due to a wide variety of applications for worksurfaces, specific requirements that could be broadly applied are difficult to determine. If there is a concern for CDM failures, then a lower limit of 1x10<sup>6</sup> ohms for point to point and point to groundable point should be considered.
<table>
<thead>
<tr>
<th>Technical Requirement</th>
<th>ESD Control Item</th>
<th>Product Qualification</th>
<th>Compliance Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Test Method</td>
<td>Required Limit(s)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ionization other than Room Systems</td>
<td>ANSI/ESD STM3.1</td>
<td>Discharge Time User defined</td>
<td>ESD TR53(5) Ionization Section</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Offset Voltage User defined</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ionization Room Systems</td>
<td>ANSI/ESD STM3.1</td>
<td>Discharge Time User defined</td>
</tr>
<tr>
<td></td>
<td>Shelving (When used to store unprotected ESDS)</td>
<td>ANSI/ESD S4.1</td>
<td>Point to Point $&lt; 1 \times 10^9$ ohms</td>
</tr>
<tr>
<td></td>
<td>Mobile Equipment (Working Surfaces)</td>
<td>ANSI/ESD S4.1</td>
<td>Point to Ground $&lt; 1 \times 10^9$ ohms</td>
</tr>
<tr>
<td></td>
<td>Electrical Soldering / Desoldering Hand Tools</td>
<td>ANSI/ESD S13.1</td>
<td>Tip to Ground $&lt; 2.0$ ohms</td>
</tr>
<tr>
<td></td>
<td>Continued Monitors</td>
<td>User defined</td>
<td>User defined</td>
</tr>
<tr>
<td></td>
<td>Static Control Garment</td>
<td>ANSI/ESD STM2.1</td>
<td>Point to Point $&lt; 1 \times 10^{11}$ ohms</td>
</tr>
<tr>
<td></td>
<td>Groundable Static Control Garment</td>
<td>ANSI/ESD STM2.1</td>
<td>Point to Groundable Point $&lt; 1 \times 10^9$ ohms</td>
</tr>
<tr>
<td></td>
<td>Groundable Static Control Garment System</td>
<td>ANSI/ESD STM2.1</td>
<td>$&lt; 3.5 \times 10^7$ ohms</td>
</tr>
</tbody>
</table>

For additional information on periodic testing of Ionizers, see ANSI/ESD SP3.3.
Proposal No.  
**IS-STM66-11/12**  
Section 401.1.1  

Revise as follows:  

401.1.1 Minimum floor elevation of community shelters.  

4. The maximum flood elevation associated with any modeled hurricane Category 5 hurricane event, including coastal wave effects. In areas where Category 5 flood elevations have not been established, the elevation associated with the highest established hurricane category shall apply.
1. Revise the RTI rating Increments: Is there a better way to assign RTI's from the measured thermal index values?

PROPOSAL

23 Assignment of Temperature Classifications

23.1 The relative thermal index of insulation materials is to be assigned in accordance with the following standard temperature classifications:

a) 5°C (9°F) increments up to 130°C (266°F) and including 180°C (356°F).

b) 10°C (18°F) increments from 130°C (266°F) through 180°C (356°F).

Exception: Includes 155°C (311°F).

c) 20°C (36°F)-10°C (18°F) increments over 180°C (356°F) up to 300°C (572°F).

Exception: Includes 190°C (374°F) and 210°C (410°F) providing that the temperature differential of the test ovens are within 3.0°C (5.4°F) of the nominal oven aging temperature.
39C Thermal Responsive Device Testing

39C.1 When required by the exception to 12.4, 12.4.3 or 12.4.5, the test program in Table 39C.1 shall be conducted, in the sequences detailed (based on Table 1 of UL 60691), when conducting an investigation of an integral thermal-link feature employed in a SPD. Each Specimen Group consists of 3 test samples.

<table>
<thead>
<tr>
<th>UL Standard</th>
<th>Clause</th>
<th>Test</th>
<th>Specimen Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>60691</td>
<td>10.2</td>
<td>Temperature and Humidity Cycle Conditioning</td>
<td>X</td>
</tr>
<tr>
<td>60691</td>
<td>10.3</td>
<td>Dielectric Strength (if applicable)</td>
<td>X</td>
</tr>
<tr>
<td>60691</td>
<td>10.4</td>
<td>Insulation Resistance (if applicable)</td>
<td>X</td>
</tr>
<tr>
<td>60691</td>
<td>10.6</td>
<td>Interrupting Current</td>
<td></td>
</tr>
<tr>
<td>1449</td>
<td>37 &amp; 38</td>
<td>Surge Testing and Operational Voltage Sequence</td>
<td>X</td>
</tr>
<tr>
<td>60691</td>
<td>11</td>
<td>Temperature Tests</td>
<td></td>
</tr>
<tr>
<td>60691</td>
<td>11.2</td>
<td>Check of T&lt;sub&gt;i&lt;/sub&gt;</td>
<td>X</td>
</tr>
<tr>
<td>60691</td>
<td>11.3</td>
<td>Check of T&lt;sub&gt;m&lt;/sub&gt;</td>
<td></td>
</tr>
<tr>
<td>60691</td>
<td>11.4</td>
<td>Ageing</td>
<td>X</td>
</tr>
</tbody>
</table>

- **Step 1 (optional)** 21 days
- **Step 2 (mandatory)** 21 days
- **Step 3 (mandatory)** 14 days
- **Step 4 (mandatory)** 7 days
- **Step 5 (mandatory)** 7 days
- **Step 6** 24 hours
### Table

<table>
<thead>
<tr>
<th>Standard</th>
<th>Section</th>
<th>Test Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>60691</td>
<td>10.3</td>
<td>Dielectric Strength (if applicable)</td>
<td>X X X X X X X X X</td>
</tr>
<tr>
<td>60691</td>
<td>10.4</td>
<td>Insulation Resistance (if applicable)</td>
<td>X X X X X X X X X</td>
</tr>
</tbody>
</table>

### Notes

**a** The 24 hour temperature aging portion of the Temperature and Humidity Cycling shall be conducted at 60°C, the maximum rated Ambient Air Temperature or the maximum temperature measured on the disconnect means, during the Temperature Test of Section 36 of UL 1449 (this is the static condition of the disconnect when it has not opened), whichever is greater. Testing may be conducted in a test chamber with a +/- 2°C temperature tolerance. Temperature Conditioning of component assemblies with a varistor shall be conducted at minimum 85°C unless the Metal Oxide Varistors are limited to an end-use temperature between 60°C and 84°C.

**b** If the conditions of voltage, power and current in (c), (d) and (e) of 10.6.2 of UL 60691 are not covered by one test, a minimum of three samples should be used for each condition. For SPDs not rated nor intended to carry current, other than surge current, the samples shall be subjected to the Limited Current Abnormal Overvoltage Test at the 10 A level, in lieu of the Interrupting Current Test.

**c** If Acceptable Results are obtained between Disconnection Means (between open contacts) for both the Dielectric Strength and Insulation Resistance Tests, "board level" Type 4 component assemblies do not need to comply with the Dielectric Strength and Insulation Resistance Testing requirements, between Live Part and the body of the discrete component (wrapped in foil) provided conditions of use indicate that there was dielectric breakdown between live parts and the body of the discrete component (wrapped in foil). As such, proper spacings need to be maintained between the discrete component, other live parts and dead-metal parts.

**d** For Type 3 SPDs connected in series with the load, the thermal-link may open at a temperature less than Tf-10°C, provided the opening temperature is greater than the maximum declared end-use temperature.

**e** Step 1 of the Aging portion of the Temperature Tests is conducted as detailed in 11.4 of UL 60691 except that Aging is conducted at the maximum declared end-use temperature. If the measured end-use temperature exceeds the declared value, then the test shall be conducted at 10°C higher than this measured temperature. Testing may be conducted in a test chamber with a +/- 2°C temperature tolerance.

**f** The Dielectric Strength and Insulation Resistance Tests following the Maximum Temperature Test shall be conducted with the samples at room temperature.

**Note 1** - The Surge Testing Sequence is conducted instead of the Transient Overload Current Test (UL 60691, Sec. 10.7) as the requirements in UL 1449 are more severe and demonstrate that the thermal-link feature is NOT damaged by the normal surges that a SPD is intended to subjected to.

**Note 2** - 48 Samples are required for the test program. (The numbers do not add up. 15 extras are required in case some tests need to be repeated).

**Note 3** - If the identification of the thermal element material has not been previously determined by UL, then the material will need to be subjected to the Differential Scanning Calorimeter test for identification.
15. Capacitors

25.1 Capacitors other than those employed in a secondary circuit shall comply with the Dielectric Voltage-Withstand Test, Section 35, Insulation Resistance Test, Section 45, and Capacitor Endurance Test, Section 46.

Exception No. 1: Capacitors that comply with the across-the-line requirements in the Standard for Capacitors and Suppressors for Radio- and Television-Type Appliances, UL 1414, meet the requirements for use in SPDs.

Exception No. 2: Capacitors evaluated to the Dielectric Voltage-Withstand Test, Insulation Resistance Test and Capacitor Endurance Test of the Standard for Electromagnetic Interference Filters, UL 1283 are not required to be subjected to these tests.

Exception No. 3: Capacitors that comply with the requirements in the Standard for Fixed Capacitors for Use in Electronic Equipment, UL 60384-14 and are rated for the intended application, including operating voltage, subclass, Upper and Lower Temperature rating as follows:

   a) X Capacitors can be used in L-L and L-N applications only without additional testing per Clause 25.1.

   b) Y Capacitors can be used in L-L, L-N, L-G and N-G applications without additional testing per Clause 25.1.

   c) Duration of the damp-heat test (21 or 56 days) does not need to be considered.

   d) Passive flammability category does not need to be considered.

   e) Overvoltage Class and Peak Surge Voltage properties do not need to be considered provided that the capacitors are tested as part of the SPD during the end-product SPD Surge Testing per UL 1449 Section 37.

Exception No. 4: Capacitors employed in Type 1 and 2 SPDs that comply with 25.3 or the exception need not comply with the Endurance Test. Capacitors employed in Type 1 and Type 2 SPDs and not intended to function as an EMI filtering feature, as defined in the glossary of this standard, that comply clause 25.3, clause 25.3 Exception 1, or clause 25.3 Exception 2 need not comply with the Capacitor Endurance Test.

25.3 Capacitors employed in Type 1 SPDs shall comply with the Fault-Current Test in the Standard for Capacitors, UL 810 at the short circuit current rating of the SPD.

Exception: UL 810 Capacitors that have not been subjected to the Fault-Current Test in accordance with UL 810 at the short circuit current rating of the SPD shall be subjected to the Capacitor Failure Test, Section 59F.

Exception No. 4: UL 810 Capacitors that have not been subjected to the Fault-Current Test in accordance with UL 810 at the short circuit current rating of the SPD shall be subjected to the Capacitor Failure Test, Section 59F, at all test current levels required by the Current Testing in
Sections 39.2, 39.3 and 39.4 that are higher than the Fault Current Rating of the UL 810 Capacitor including the SCCR of the SPD.

Exception No. 2: Capacitors that have not been subjected to the Fault Current Test in accordance with UL 810 shall be subjected to the Capacitor Failure Test, Section 59F at all current levels of the Current Testing detailed in Sections 39.2, 39.3 and 39.4.

59A.1 The maximum peak voltage, 5 seconds after disconnecting the supply, between any two terminals - blades of an attachment plug - and any terminal and earth ground shall not exceed the value indicated in Table 59A.1 corresponding to the capacitance between those points.

Exception: For Type 1 and Type 2 SPDs, the maximum peak voltage, as detailed in 59A.1, shall be less than 50 V within 1 minute after disconnecting the supply source.

59F.1 If required by the Exception of 25.3, capacitors employed in Type 1 SPDs shall be permanently mechanically (driving a nail through the capacitor where the nail should not short out the capacitor to ground or reduce spacings to other electrical paths) or electrically (as specified in 10.2.2 of UL 810) failed and three samples tested at each required current level. Permanent failure of a capacitor is demonstrated by the flow of short circuit current until interrupted by an internal overcurrent protection device internal to the SPD.
BSR/UL 1647, Standard for Motor-Operated Massage and Exercise Machines

1. Proposed Revisions To Paragraph 83.5 To Clarify The List Of Instruction Statements Required To Be Included In The Instructions Pertaining To A Risk of Fire, Electric Shock, Or Injury To Persons

83.5 The instructions required by 83.1 shall include the items in the following list, as applicable, and any other instructions that the manufacturer deems necessary for the appliance. The list shall not include the items mentioned in 82.2 or in Instructions Pertaining To A Risk of Fire, Electric Shock, Or Injury To Persons, Section 83; Operating Instructions, Section 84, User-Maintenance Instructions, Section 85, 86, Grounding/Double Insulation Instructions, Section 86. The statement "Read all instructions before using." shall precede the list of items following the word "DANGER." The items may be numbered.
BSR/UL 1691, Standard for Single Pole Locking-Type Separable Connectors

1. Revisions to Figures B1.1 - B1.3 for Clarification of Dimensions and Tolerances and to Address Non-TPE (Rigid) Housings

PROPOSAL

1. Figures B1.1 (Series 15), B1.2 (Series 16) and B1.3 (Series 18) have inconsistencies in the male slot tolerances. Series 16 is dimensioned at .030 ±.005, Series 15 and Series 18 are dimensioned as .030 min. The proposal is to consistently dimension the male slots as .030 ± .005.

2. Figure B1.1 (Series 15) proposal to revise how Cam Advance is dimensioned in the Male Contact view. This is for clarification.

3. Figure B1.2 (Series 16) proposal to revise Male Housing view to show external shoulder as being independent from the 1.552/1.575 (depth of taper) dimension. This is for clarification, presently the 1.552/1.572 dimension appears to be to the irrelevant shoulder feature.

4. Proposal to add a view to Figures B1.1 and Figures B1.2 for a RIGID MALE HOUSING. Revise existing view name to "FLEXIBLE MALE HOUSING". Series 15 (Fig B1.1) - RIGID MALE HOUSING to have an ID dimension of .670 ±.005 [17.02 mm]. Series 16 (Fig B1.2) - RIGID MALE HOUSING to have an ID dimension of 1.215 ±.005 [30.86 mm].
Figure B1.1

Series 15 male and female contact and housing rated 150 A MAX., 600 V MAX.

NOTES:
1. ALL DIMENSIONS ARE IN MM [INCHES]
2. GENERAL DEFAULT TOLERANCE
   +/-0.13 MM
   +/-0.005 INCHES
Figure B1.2

Series 16 male and female contact and housing rated 400 A MAX., 600 V MAX.

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS AND INCHES.
2. GENERAL EXPANSION TOLERANCE FOR DECIMAL DIMENSIONS IS ±0.13 mm [0.005 INCHES].
Figure B1.3

Series 18 male and female contact and housing rated 400 A MAX., 600 V MAX.

FEMALE CONTACT

GROOVE HAS CAM RISE OF 1.02 / 0.06 IN 180°
[0.040 / 0.002]

CAM ADVANCE 0.06 OF GROOVE
[0.16]

MALE CONTACT

FEMALE HOUSING

MALE HOUSING

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS
   AND INCHES
2. GENERAL DEFAULT TOLERANCE
   DECIMAL DIMENSIONS +/- 0.13 mm [0.005 INCHES]

[Dimensions and tolerances are shown in the diagram]