

**IEEE-SA Standards Board  
New Standards Committee (NesCom)  
Recommendations  
11-Jun-2008**

NesCom submits the following recommendations to the IEEE-SA Board. Except where noted, all votes were unanimous.

Withdrawal Requests

*IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems*

**P1641a**

Standard for Signal and Test Definition - Amendment 1: Enhancement of Measurement Capabilities and Technical Corrections

***Recommendation: Approve withdrawal at the request of Sponsor.***

*IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety*

**P1528b**

Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques. Amendment 2: Additional Procedures for SAR Measurement at 3 – 6 GHz

***Recommendation: Approve withdrawal at the request of Sponsor.***

Modified PARs

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P1683**

Standard for Motor Control Centers Rated Up To and Including 600 Vac or 1000 Vdc with Requirements Intended to Reduce Electrical Hazards While Performing Defined Operations.

***Recommendation: Approve modified PAR until December 2009***

*IEEE Power & Energy Society/Nuclear Power Engineering*

**P627**

Standard for Qualification of Equipment Used in Nuclear Facilities

***Recommendation: Approve modified PAR until December 2011***

*IEEE Power & Energy Society/Stationary Batteries Committee*

**P1635**

Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications

***Recommendation: Approve modified PAR until December 2012***

*IEEE Power & Energy Society/Substations*

**P1712**

Guide for Sulphur Hexafluoride (SF<sub>6</sub>) Gas Handling for High Voltage (over 1000Vac)Equipment

***Recommendation: Approve modified PAR until December 2010 with note to Sponsor/Submitters to review Policy on Intellectual Property with entire Working Group.***

***Vote: 9 approvals/3 abstentions***

*IEEE Power & Energy Society/Transformers*

**PC57.12.23**

Standard for Submersible Single-Phase Transformers: 167 kVA and Smaller; High Voltage 25 000 V and Below; Low Voltage 600 V and Below

***Recommendation: Approve modified PAR until December 2009***

Extension Requests

*IEEE Computer Society/Local and Metropolitan Area Networks*

**P802.22**

Standard for Information Technology -Telecommunications and information exchange between systems Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands

***Recommendation: Approve request for an extension until 2010***

*IEEE Engineering in Medicine and Biology Society/11073 Committee*

**P11073-00101**

Health informatics - Point-of-care medical device communication - Technical report - Guidelines for the use of RF wireless technology

***Recommendation: Approve request for an extension until 2009 contingent upon addition of Working Group chair information to PAR.***

*IEEE Power & Energy Society/Energy Development & Power Generation*

**P1249**

Guide for Computer Based Controls for Hydroelectric Power Plant Automation

***Recommendation: Approve request for an extension until 2010***

New PARs

*IEEE Computer Society/Microprocessor Standards Committee*

**P1788**

Standard for Interval Arithmetic

***Recommendation: Approve new PAR until December 2012***

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P1584b**

IEEE Guide for Performing Arc Flash Hazard Calculations - Amendment:

***Recommendation: Approve new PAR until December 2012***

***Vote: 11 approvals/1 disapproval (Thompson)***

*IEEE Industry Applications Society/Technical Books Coordinating Committee*

**P3001.2**

Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3001.8**

Recommended Practice for the Instrumentation and Metering of Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3001.9**

Recommended Practice for the Lighting of Industrial and Commercial Facilities

*Recommendation: Approve new PAR until December 2012*

**P3002.7**

Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3002.8**

Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3002.9**

Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3003.1**

Recommended Practice for the System Grounding of Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012, with modification of the 2nd sentence in the Scope to end with the words, "are discussed"*

**P3003.2**

Recommended Practice for Equipment Grounding and Bonding in Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3004.1**

Recommended Practice for the Application of Instrument Transformers in Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012 with a note to the Working Group to maintain close coordination with the IEEE Power & Energy Society/Power System Relaying Committee*

**P3004.10**

Recommended Practice for Generator Protection in Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012 with a note to the Working Group to maintain close coordination with the IEEE Power & Energy Society/Power System Relaying Committee*

**P3004.11**

Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3005.3**

Recommended Practice for the Application of Stored-Energy Systems for use in Emergency and Stand-By Power Systems

*Recommendation: Approve new PAR until December 2012*

**P3005.4**

Recommended Practice for Improving the Reliability of Emergency and Stand-By Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3005.7**

Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3006.7**

Recommended Practice for Determining the Reliability of "7 x 24" Continuous Power Systems in Industrial and Commercial Facilities

***Recommendation: Approve new PAR until December 2012 contingent upon change in title to "24 X 7".***

**P3006.8**

Recommended Practice for Analyzing Reliability Data for Equipment Used in Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3006.9**

Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3007.1**

Recommended Practice for the Operation and Management of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3007.2**

Recommended Practice for the Maintenance of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

**P3007.3**

Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2012***

*IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement*

**P378**

Recommended Practice for Scattering Parameter Measurements and Uncertainty Analysis Using Network Analyzers

***Recommendation: Approve new PAR until December 2012 with a note to Working Group regarding mandatory RAC coordination.***

***Vote: 10 approvals/2 abstentions***

*IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee*

**P1787**

Standard for High Frequency Characterization for Low Temperature Co-Fired Ceramic (LTCC) Materials

***Recommendation: Approve new PAR until December 2012***

*IEEE Power & Energy Society/Nuclear Power Engineering*

**P1786**

Human Factors Guide for Applications of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and Other Nuclear Facilities.

***Recommendation: Approve new PAR until December 2012***

*IEEE Power & Energy Society/Switchgear*

**PC37.04-1999/Cor 1**

IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers - Corrigendum 1:

***Recommendation: Approve new PAR until December 2012***

*IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety*

**PC95.1a**

Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz - Amendment: Amendment 1: Specifies Ceiling Limits for Induced and Contact Current, Clarifies Distinctions between Localized Exposure and Spatial Peak Power Density, and Corrects Other Known Errors in C95.1-2005

***Recommendation: Approve new PAR until December 2012.***

***"Amendment 1:" and "and Corrects Other Known Errors in C95.1-2005" will be deleted from the title.***

PARs for the Revision of Standards

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P1566**

Standard for Performance of Adjustable Speed AC Drives Rated 375 kW and Larger

***Recommendation: Approve PAR for the revision of a standard until December 2012***

*IEEE Power & Energy Society/Substations*

**P1534**

Recommended Practice for Specifying Thyristor-Controlled Series Capacitors

***Recommendation: Conditionally Approve as New PAR instead of PAR for the revision of a standard until December 2012, contingent upon change to New PAR status***

***Vote: 11 approvals/1 abstention***

**P837**

Standard for Qualifying Permanent Connections Used in Substation Grounding

***Recommendation: Approve PAR for the revision of a standard until December 2012***

*IEEE Power & Energy Society/Transformers*

**PC57.12.80**

Standard Terminology for Power and Distribution Transformers

***Recommendation: Approve PAR for the revision of a standard until December 2012***

*IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems*

**P1641**

Standard for Signal and Test Definition

***Recommendation: Approve PAR for the revision of a standard until December 2012***

***Vote: 11 approvals/1 abstention***

*IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety*

**P1528**

Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques

***Recommendation: Approve PAR for the revision of a standard until December 2012***