

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

15-June-2011 [SASB approved: 16 June 2011]

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

Modified PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15026-2

Standard Adoption of ISO/IEC 15026

Systems and Software Engineering -- Systems and software assurance -- Part 2: Assurance case

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.1

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

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P21451-7

Standard for Information Technology - Smart Transducer Interface for Sensors and Actuators - Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheet Formats

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Insulated Conductors

P1717

Standard for Testing Circuit Integrity Cables Using A Hydrocarbon Pool Fire Test Protocol

Recommendation: Approve modified PAR

P1816

Guide for Preparation Techniques of Extruded Dielectric, Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories

Recommendation: Conditionally Approve modified PAR contingent upon changing the word "defines" to "describes" in the scope.

*IEEE Power and Energy Society/Nuclear Power Engineering***P62582-3**

Standard for Nuclear Power Plants - Instrumentation and control important to safety – Electrical equipment condition monitoring methods - Part 3: Elongation at break

Recommendation: Approve modified PAR

*IEEE Power and Energy Society/Surge Protective Devices/High Voltage***PC62.22a**

Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems Amendment: Supplement to consider energy handling capabilities

Recommendation: Approve modified PAR

*IEEE Power and Energy Society/Switchgear***P62271-37-082**

Standard for High-voltage switchgear and controlgear - Part 37-082: Measurement of sound pressure levels on alternating current circuit-breakers

Recommendation: Approve modified PAR

PC37.17

Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers

Recommendation: Approve modified PAR

*IEEE Power and Energy Society/Transformers***PC57.152**

Guide for Diagnostic Field Testing of Fluid Filled Power Transformers, Regulators, and Reactors

Recommendation: Approve modified PAR

*IEEE Vehicular Technology Society/Intelligent Transportation Systems***P1609.0**

Guide for Wireless Access in Vehicular Environments (WAVE) - Architecture

Recommendation: Approve modified PAR

P1609.12

Standard for Wireless Access in Vehicular Environment (WAVE) - Identifier Allocations

Recommendation: Approve modified PAR

*IEEE Vehicular Technology Society/Rail Transportation Standards Committee***P1653.6**

Recommended Practice for Grounding of Direct Current Equipment Enclosures in Traction Power Distribution Facilities

Recommendation: Approve modified PAR

Extension Requests

IEEE-SASB Coordinating Committees/SCC14 - Quantities, Units, and Letter Symbols

P80000

Standard for Quantities and Units

Recommendation: Approve a two year extension until December 2013

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1888.1

Standard for a Ubiquitous Community Network : Control and Management

Recommendation: Approve new PAR until December 2015

P1888.2

Standard for Ubiquitous Green Community Control Network: Heterogeneous Networks Convergence and Scalability

Recommendation: Approve new PAR until December 2015

P1888.3

Standard for Ubiquitous Green Community Control Network: Security

Recommendation: Approve new PAR until December 2015

IEEE Computer Society/LAN/MAN Standards Committee

P802.16.1

Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems

Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24774

Guide for Adoption of ISO/IEC TR 24774, Systems and Software Engineering--Life Cycle Management--Guidelines for Process Description

Recommendation: Approve new PAR until December 2015

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.1

Standard for the Construction, Testing, and Marking for Skin Effect Heating Systems for Pipelines and Vessels

Recommendation: Approve new PAR until December 2015

P844.2

Standard for the Construction, Testing, and Marking for Impedance, Induction, and Induction Susceptor Heating Systems for Pipelines and Vessels

Recommendation: Approve new PAR until December 2015

P844.3

Recommended Practice for Electrical Impedance, Induction and Skin Effect Heating Systems for Pipelines and Vessels

Recommendation: Approve new PAR until December 2015

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.7

Recommended Practice for the Protection of Power Cables and Busway Used in Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2015

P3004.9

Recommended Practice for the Protection of Power Transformers Used in Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Switchgear

PC37.13a

Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures
Amendment 1: Increase of Voltages to 1000 V AC and Below

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Transformers

PC57.19.04

Standard Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus Enclosures

Recommendation: Approve new PAR until December 2015

PC57.156

Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors

Recommendation: Approve new PAR until December 2015

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

P1505.3

Standard for the Universal Test Interface Framework and Pin Configuration for Portable/Bench Top Test Requirements Utilizing IEEE 1505 Receiver Fixture Interface Standard

Recommendation: Approve new PAR until December 2015

Mike Seavey, as Sponsor, recused himself from the vote.

P1671.0

Guide for the Use of Automatic Test Equipment Markup Language (ATML); the IEEE-1671 Family of Standards.

Recommendation: Approve new PAR until December 2015

Mike Seavey, as Sponsor, recused himself from the vote.

P1871.1

Recommended Practice for Using IEEE 1671.2 Instrument Description Templates for Describing Synthetic Instrumentation for Classes of Instruments Such as Waveform Generators, Digitizers, External Oscillators, and Up & Down Converters

Recommendation: Approve new PAR until December 2015

Mike Seavey, as Sponsor, recused himself from the vote.

P1871.2

Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adaptors and Test Equipment

Recommendation: Approve new PAR until December 2015

Mike Seavey, as Sponsor, recused himself from the vote.

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.3.1

Standard for Management Information Base (MIB) definitions for Ethernet

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Industry Applications Society/Petroleum & Chemical Industry

P463

Standard for Electrical Safety Practices in Electrolytic Cell Line Working Zones

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Electric Machinery

P1415

Guide for Induction Machinery Maintenance Testing and Failure Analysis

Recommendation: Approve PAR for the revision of a standard until December 2015

PC50.13

Standard for Cylindrical-Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Switchgear

PC37.63

Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems Up to 38 kV

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transformers

PC57.12.00

Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.12.90

Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers

Recommendation: Approve PAR for the revision of a standard until - December 2015

PC57.139

Guide for Dissolved Gas Analysis in Transformer Load Tap Changers

Recommendation: Approve PAR for the revision of a standard until December 2015