

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

[SASB approval date: 17-Feb-2017]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

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

P11073-10419-2015/Cor 1

Health Informatics - Personal Health Device Communication - Part 10419: Device Specialization - Insulin Pump - Corrigendum 1

Recommendation: Approve PAR withdrawal

P11073-10425-2014/Cor 1

Health Informatics - Personal Health Device Communication - Part 10425: Device Specialization - Continuous Glucose Monitor (CGM) - Corrigendum 1

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Engineering in Medicine and Biology Society/Standards Committee

P3333.2.2

Standard for Three-Dimensional (3D) Medical Visualization

Recommendation: Approve modified PAR

P3333.2.3

Standard for Three-Dimensional (3D) Medical Data Management

Recommendation: Approve modified PAR

P3333.2.4

Standard for Three-Dimensional (3D) Medical Simulation

Recommendation: Approve modified PAR

P3333.2.5

Standard for Bio-CAD File Format for Medical Three-Dimensional (3D) Printing

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Insulated Conductors

P1210

Standard Tests for Determining Compatibility of Cable-Pulling Lubricants With Wire and Cable

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.20.9

Metal Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulation Systems

Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1591.2

Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable

Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Substations

P1032

Guide for Protecting Transmission Static Var Compensators

Recommendation: Approve request for an extension until December 2018

P1267

Guide for Development of Specification for Turnkey Substation Projects

Recommendation: Approve request for an extension until December 2018

P1527

Recommended Practice for the Design of Buswork Located in Seismically Active Areas

Recommendation: Approve request for an extension until December 2018

P1615

Recommended Practice for Network Communication in Electric Power Substations

Recommendation: Approve request for an extension until December 2017

P1818

Guide for the Design of Low Voltage Auxiliary Systems for Electric Power Substations

Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Switchgear

PC37.100.1

Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

Recommendation: Approve request for an extension until December 2017

IEEE Power Electronics Society/Standards Committee

P389

Recommended Practice for Testing Transformers and Inductors For Electronics Applications

Recommendation: Approve request for an extension until December 2018

IEEE Reliability Society/IEEE Reliability

P1856

Standard Framework for Prognostics and Health Management of Electronic Systems

Recommendation: Approve request for an extension until December 2017

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1CS

Standard for Local and Metropolitan Area Networks -- Link-local Registration Protocol

Recommendation: Approve new PAR until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7003

Algorithmic Bias Considerations

Recommendation: Approve new PAR until December 2021

P21839

Systems Engineering - Systems of Systems Considerations in Engineering of Systems

Recommendation: Approve new PAR until December 2021

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1752

Standard for Mobile Health Data

Recommendation: Approve new PAR until December 2021

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P2717

Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments

Recommendation: Conditionally approve new PAR until December 2021; contingent upon placing the following text, at the beginning of section 5.5 (Need), and removing the text from section 8.1: No suitable standard concerning the test framework for extremely low PIM levels exists. Current PIM noise tests for communication components/devices/antennas/systems do not work well at extremely low PIM levels or high transmission power levels, for example where PIM noise falls below -150dBc. (5 in favor, 2 opposed)

P2718

Guide for Near Field Characterization of Unintentional Stochastic Radiators

Recommendation: Approve new PAR until December 2021

IEEE Instrumentation and Measurement Society/TC41 - Traffic Enforcement Technologies

P2452

Standard for the Performance of Lidar Used in Traffic Speed Measurements

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Energy Development & Power Generation

P2775

Technical Guide for Smart Hydroelectric Power Plant

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Electric Machinery

P97

Diagnostic Test Methods for testing the Insulation of AC Electric Machinery Using Direct Voltage

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Insulated Conductors

P400.5

Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)

Recommendation: Approve new PAR until December 2021

P1186

Recommended Practice for Applicability of Methods for the Evaluation of Low Voltage and Medium Voltage Installed Cable Systems in Nuclear Facilities

Recommendation: Approve new PAR until December 2021

P2776

Guide for Specifying and Selecting Cables for Nuclear Facilities

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Transformers

PC57.32a

Standard for Requirements, Terminology, and Test Procedures for Neutral Grounding Devices Amendment: Neutral Grounding Resistor Section

Recommendation: Approve new PAR until December 2021

PC57.165

Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors

Recommendation: Approve new PAR until December 2021

IEEE Robotics and Automation Society/Standing Committee for Standards

P1872.1

Robot Task Representation

Recommendation: Approve new PAR until December 2021

P2751

3D Map Data Representation for Robotics and Automation

Recommendation: Approve new PAR until December 2021

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AR

Standard for Local and Metropolitan Area Networks - Secure Device Identity

Recommendation: Approve PAR for the revision of a standard until December 2021

P802.16

Standard for Air Interface for Broadband Wireless Access Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1128

Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 40 GHz

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1349

Guide for Application of Electric Motors in Class I, Division 2 and Class I, Zone 2 Hazardous (Classified) Locations

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Electric Machinery

P62.2

Guide for Diagnostic Field Testing of Electric Power Apparatus - Electrical Machinery

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P1184

Guide for Batteries for Uninterruptible Power Supply Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1375

Guide for the Protection of Stationary Battery Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Insulated Conductors

P400.1

Guide for Field Testing of Laminated Dielectric, Shielded AC Power Cable Systems Rated 5 kV to 500 kV Using High Voltage Direct Current (HVDC)

Recommendation: Approve PAR for the revision of a standard until December 2021

P592

Standard for Semiconducting Shields on Medium-Voltage (15kV - 35kV) Cable Joints and Separable Connectors

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Nuclear Power Engineering

P572

Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Switchgear

PC37.48

Guide and Tutorial for the Application of High-Voltage (> 1000 V) Fuses and Accessories

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transformers

P1277

Standard General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors and for Dry-Type Converter Reactors for DC Power Transmission

Recommendation: Approve PAR for the revision of a standard until December 2021

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 2021

PC57.143

Guide for Application of Monitoring Equipment to Liquid-Immersed Transformers and Components

Recommendation: Approve PAR for the revision of a standard until December 2021

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

PC95.2

Standard for Radio-Frequency Energy and Current-Flow Symbols

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1474.1

Standard for Communications-Based Train Control (CBTC) Performance and Functional Requirements

Recommendation: Approve PAR for the revision of a standard until December 2021