

## IEEE SA Standards Board Standards Review Committee (RevCom) Recommendations

[SASB approval date: 10-Dec-2025]

[All votes unanimous unless noted otherwise.]

### New

#### IEEE Communications Society/Green ICT Standards Committee

##### P1927.1/Draft 1.2

IEEE Draft Standard for Services Provided by the Energy-Efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network

**Recommendation:** APPROVE

#### IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee

##### P1916.1/Draft 11

IEEE Draft Standard for Software Defined Networking and Network Function Virtualization Performance

**Recommendation:** APPROVE

#### IEEE Computer Society/Artificial Intelligence Standards Committee

##### P3379/Draft 5

IEEE Draft Standard for Interfaces of Deep Learning Compiler on Artificial Intelligence

**Recommendation:** APPROVE

#### IEEE Computer Society/Blockchain and Distributed Ledgers

##### P3240.04/Draft 5

IEEE Draft Standard for Blockchain-based Renewable Energy Certificates Trading Technical Specifications

**Recommendation:** APPROVE

#### IEEE Computer Society/Learning Technology

##### P2247.4/Draft 3

IEEE Draft Recommended Practice for Ethically Aligned Design of Artificial Intelligence (AI) in Adaptive Instructional Systems

**Recommendation:** APPROVE

#### IEEE Computer Society/Software & Systems Engineering Standards Committee

##### P3407/Draft 4

IEEE Draft Standard for End-to-End Software Testing Automation Tools

**Recommendation:** APPROVE

##### P24748-7/Draft 3

ISO/IEC/IEEE Systems and software engineering--Life cycle management--Part 7: Application of systems engineering on defense programs

**Recommendation:** APPROVE

##### P24748-10/Draft 2

ISO/IEC/IEEE Draft International Standard - Systems and software engineering-- Life cycle management--Part 10: Guidelines for systems engineering agility

**Recommendation:** APPROVE

##### P26516/Draft 3

Systems and software engineering — Development and production of instructional videos

**Recommendation:** APPROVE

#### IEEE Instrumentation and Measurement Society/TC39 - Measurements in Power Systems

##### P61869-21/Draft 2

IEEE/IEC Draft Standard Uncertainty Evaluation in the Calibration of Instrument Transformers

**Recommendation:** APPROVE

#### IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

##### P3456.1/Draft 5

IEEE Draft Standard for Testing Instruments for Deep foundations - Part 1: Low-strain Testing Instruments

**Recommendation:** APPROVE

##### P3456.2/Draft 5

IEEE Draft Standard for Testing instruments for Deep Foundations - Part 2: High-strain Testing Instruments

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Communications and Cybersecurity****P1686-2022/Cor 1/Draft 1.2**

IEEE Draft Standard for Intelligent Electronic Devices Cybersecurity Capabilities - Corrigendum 1

**Recommendation:** APPROVE**IEEE Power and Energy Society/Switchgear****PC37.100.6/Draft 11**

IEEE Draft Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications

**Recommendation:** APPROVE**IEEE Power and Energy Society/Transformers****PC57.162/Draft 9**

IEEE Draft Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors

**Recommendation:** APPROVE**IEEE Power and Energy Society/Transmission and Distribution****P2974/Draft 7**IEEE Draft Guide for System Commissioning of Medium and Low (750 V to  $\pm 50$  kV) Voltage Direct Current Distribution Network**Recommendation:** APPROVE**P3336/Draft 3.2**

IEEE Draft Guide for Vibration Tests for Aircraft Warning Marker Balls on Overhead Transmission Lines

**Recommendation:** APPROVE**IEEE SA Board of Governors/Entity Collaborative Activities Governance Board****P3115/Draft 2.2**

IEEE Draft Guide for the Technical Specification of 5G (5th Generation Mobile Network) Power Communication Terminal

**Recommendation:** APPROVE**IEEE Systems, Man, and Cybernetics Society/Standards Committee****P2814/Draft 3**

IEEE Draft Recommended Practice for Techno-Economic Metrics of Grid Power Generators and Energy Storage Systems

**Recommendation:** APPROVE**IEEE Vehicular Technology Society/High Speed Train and Maglev Standards Committee****P3143/Draft 5.5**

IEEE Draft Standard for Electric Traction System for Short Primary Maglev Vehicle

**Recommendation:** APPROVE**IEEE Vehicular Technology Society/Intelligent Transportation Systems****P2846a/Draft 1**

IEEE Draft Standard for Assumptions in Safety-Related Models for Automated Driving Systems Amendment 1

**Recommendation:** APPROVE**Revision****IEEE Computer Society/LAN/MAN Standards Committee****P802.1AS/Draft 2.1**

IEEE Draft Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications

**Recommendation:** APPROVE**IEEE Computer Society/Microprocessor Standards Committee****P1722/Draft 9**

IEEE Draft Standard for a Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks

**Recommendation:** APPROVE**IEEE Computer Society/Software & Systems Engineering Standards Committee****P24748-4/Draft 3**

ISO/IEC/IEEE Draft International Standard - Systems and Software Engineering -- Life Cycle Management -- Part 4: Systems Engineering Management Planning

**Recommendation:** APPROVE**IEEE Computer Society/Test Technology****P1581/Draft 2.22**

IEEE Draft Standard for Static Component Interconnection Test Protocol and Architecture

**Recommendation:** APPROVE**IEEE Dielectrics and Electrical Insulation Society/Standards Committee****P1043/Draft 10**

**Recommendation:** APPROVE

**IEEE Industry Applications Society/Petroleum & Chemical Industry**

**P60079-30-1/Draft 13**

IEC/IEEE Draft International Standard - Explosive Atmospheres -- Part 30-1: Electrical resistance trace heating  
-- General and testing requirements

**Recommendation:** APPROVE

**P60079-30-2/Draft 10**

IEC/IEEE Draft International Standard for Explosive atmospheres -- Part 30-2: Electrical resistance trace heating  
-- Application guide for design, installation and maintenance

**Recommendation:** APPROVE

**IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis**

**P181/Draft 13**

IEEE Draft Standard for Transitions, Pulses, and Related Waveforms

**Recommendation:** APPROVE

**P1696/Draft 3**

IEEE Draft Standard for Terminology and Test Methods for Circuit Probes

**Recommendation:** APPROVE

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

**P1188/Draft 16**

IEEE Draft Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Insulated Conductors**

**P386/Draft 37**

IEEE Draft Standard for Shielded Separable Insulated Connectors for Classes 15 kV through 35 kV

**Recommendation:** APPROVE

**P495/Draft 5**

IEEE Draft Standard for Testing Faulted Circuit Indicators

**Recommendation:** APPROVE

**P1142/Draft 5.4**

IEEE Draft Guide for the Selection, Testing, Application and Installation of 300 V to 500 kV Cables Having Radial-Moisture Barriers and/or Longitudinal Water Blocking

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Relaying and Control**

**PC57.13.3/Draft 2.5**

IEEE Draft Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Surge Protective Devices Committee**

**PC62.41.2/Draft 4**

IEEE Draft Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

**PC37.06.1/Draft 3**

IEEE Draft Recommended Practice for Preferred Ratings for High-Voltage (>1000 V) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times

**Recommendation:** APPROVE

**PC37.10/Draft 5.2**

IEEE Draft Recommended Practice for Investigation, Analysis, and Reporting of Failures of AC High-Voltage Circuit Breakers and Circuit Switchers with Rated Maximum Voltage Above 1000 V

**Recommendation:** APPROVE

**PC37.14/Draft 7**

IEEE Draft Standard for Low-Voltage DC (3200 V and below) Power Circuit Breakers Used in Enclosures

**Recommendation:** APPROVE

**PC37.20.2/Draft 4**

IEEE Draft Standard for Metal-Clad Switchgear

**Recommendation:** APPROVE

**PC37.20.9/Draft 7**

IEEE Draft Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems

**Recommendation:** APPROVE

**PC37.24/Draft 10**

IEEE Draft Guide for Evaluating the Effect of Solar Radiation on Outdoor Switchgear

**Recommendation:** APPROVE

**PC37.82/Draft 2**

IEEE Draft Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Transformers****PC57.142/Draft 15**

IEEE Draft Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction

**Recommendation:** APPROVE

**PC57.146/Draft 4**

IEEE Draft Guide for Interpretation of Gases Generated in Silicone-Immersed Transformers

**Recommendation:** APPROVE

**IEEE Vehicular Technology Society/Intelligent Transportation Systems****P1609.2/Draft 5**

IEEE Draft Standard for Wireless Access in Vehicular Environments--Security Services for Application and Management Messages

**Recommendation:** APPROVE

IEEE Computer Society/LAN/MAN Standards Committee  
P60802/Draft 3.4  
IEC/IEEE Draft International Standard Time-Sensitive Networking Profile for Industrial  
Automation  
Recommendation: APPROVE

This is a joint development project with IEC. IEC is responsible for preparing the Final Draft International Standard (FDIS) and for providing it to IEEE. To date, this has not occurred. As it is unknown if the FDIS will contain any non-editorial updates since the last balloted draft within IEEE, it is premature for this submittal to be granted final approval by the IEEE SA Standards Board.

IEEE SA staff will not enter an SASB approval date in myProject until IEEE SA staff can verify that the FDIS does not contain any non-editorial updates.

Status: Delay in IEC ballot, reaffirm the condition for the SASB.

Recommendation: Conditional approval based on the IEC completing their ballot.