

IEEE SA Standards Board Standards Review Committee (RevCom) Recommendations

[SASB approval date: 12-Feb-2025]

[All votes unanimous unless noted otherwise.]

New

IEEE Communications Society/Unmanned Aerial Vehicles Communications Standards Committee **P1936.5/Draft 7.1**

IEEE Draft Standard for Technical Requirements for Intelligent Hangar Housing Unmanned Aircraft Systems Used for Power Grid Inspection

Recommendation: APPROVE [9=yes, 0=no, 1=recuse (Lu)]

P1937.12/Draft 4.1

IEEE Draft Standard for Technical Requirements for Emergency Cellular Communication System Based on Fixed-Wing Unmanned Aircraft System

Recommendation: APPROVE [9=yes, 0=no, 1=recuse (Lu)]

IEEE Computer Society/Artificial Intelligence Standards Committee **P3110/Draft 7**

IEEE Draft Standard for Computer Vision (CV) - Technical Requirements for Algorithms Application Programming Interfaces (APIs) of Deep Learning Framework

Recommendation: APPROVE

P3127/Draft 08

IEEE Draft Guide for an Architectural Framework for Blockchain-based Federated Machine Learning

Recommendation: APPROVE

P3128/Draft 2

IEEE Draft Recommended Practice for The Evaluation of Artificial Intelligence (AI) Dialogue System Capabilities

Recommendation: APPROVE

P3198/Draft 3

IEEE Draft Standard for Evaluation Method of Machine Learning Fairness

Recommendation: APPROVE

P3350/Draft 3

IEEE Draft Recommended Practice for Improving Generalizability of Artificial Intelligence for Medical Imaging

Recommendation: APPROVE

P3410/Draft 6

IEEE Draft Guide for Large Scale Financial Risk Models

Recommendation: APPROVE

IEEE Computer Society/Blockchain and Distributed Ledgers

P3230.03/Draft 4.2

IEEE Draft Standard for Blockchain Service Capability Evaluation

Recommendation: APPROVE

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P2883.1/Draft 17

IEEE Draft Recommended Practice for Use of Storage Sanitization Methods

Recommendation: APPROVE

IEEE Computer Society/Data Compression Standards Committee

P3184.1/Draft 4

IEEE Draft Standard for Joint Calibration Framework of Multiple Roadside Sensors

Recommendation: APPROVE

IEEE Computer Society/Design Automation

P1666-2023_Cor 1/Draft 1

IEEE Standard for Standard SystemC® Language Reference Manual - Corrigendum 1

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qdy/Draft 2.2

IEEE Draft Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks -Amendment 40: YANG for the Multiple Spanning Tree Protocol

Recommendation: APPROVE

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
P3812.2/Draft 1.0

IEEE Draft Standard for Data Access Management for Identity Relationships

Recommendation: APPROVE

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology
P3388/Draft 1.23

IEEE Draft Standard for the Performance Assessment of Industrial Wireless Systems

Recommendation: APPROVE

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee
P2993/Draft 6

Draft Recommended Practices for Energy Storage System Design using Second-life Electric Vehicle Batteries

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control
P2030.12/Draft 1.7

IEEE Draft Guide for the Design of Microgrid Protection Systems

Recommendation: APPROVE

IEEE Power and Energy Society/Transformers
PC57.32.10/Draft 6.4

IEEE Draft Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers

Recommendation: APPROVE

IEEE Power Electronics Society/Standards Committee
P2004/Draft 3.1

IEEE Draft Standard Hardware-in-the-Loop (HIL) Simulation Based Testing of Electric Power Apparatus and Controls

Recommendation: APPROVE

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board
P3308/Draft 1

Moving Picture, Audio and Data Coding by Artificial Intelligence—Object and Scene Description v1.0

Recommendation: APPROVE

P3326/Draft 3.3

IEEE Draft Recommended Practice for Use of Infrared Online System for Substation Inspection

Recommendation: APPROVE

P3327/Draft 1.3

IEEE Draft Recommended Practice for Use of an Unmanned Aerial Vehicle for Substation Inspection

Recommendation: APPROVE [9=yes, 0=no, 1=abstain (Swing)]

P3328/Draft 3.3

IEEE Draft Recommended Practice for Use of Wheeled Robots for Substation Inspection

Recommendation: APPROVE

IEEE SA Board of Governors/International Committee on Electromagnetic Safety
P63184/Draft 3

IEC/IEEE Draft International Standard - Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems - models, instrumentation, measurement and numerical methods and procedures (Frequency range of 1 kHz to 30 MHz)

Recommendation: APPROVE

Revision

IEEE Computer Society/Cybersecurity and Privacy Standards Committee
P1619/Draft 12

IEEE Draft Standard for Cryptographic Protection of Data on Block-Oriented Storage Devices

Recommendation: APPROVE

IEEE Computer Society/Test Technology
P1450.1/Draft 3

IEEE Draft Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std 1450-1999) for Semiconductor Design Environments

Recommendation: APPROVE

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee
P11073-10441/Draft 5

IEEE Draft Standard - Health Informatics--Personal health device communication Part 10441: Device specialization--Cardiovascular fitness and activity monitor

Recommendation: APPROVE

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

P3004.5/Draft 6.22

IEEE Draft Recommended Practice for the Application of Low-Voltage Circuit Breakers in Industrial and Commercial Power Systems

Recommendation: APPROVE

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

P1679.1/Draft 2.24

IEEE Draft Guide for the Characterization and Evaluation of Lithium-Based Batteries in Stationary Applications

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P1459/Draft 3

IEEE Draft Standard Definitions for the Measurement of Electric Power Quantities Under Sinusoidal, Nonsinusoidal, Balanced, or Unbalanced Conditions

Recommendation: APPROVE

IEEE Power and Energy Society/Substations Committee

P525/Draft 3

IEEE Draft Guide for the Design and Installation of Cable Systems in Substations

Recommendation: APPROVE

P1246/Draft 5

IEEE Draft Guide for Temporary Protective Grounding Systems Used in Substations

Recommendation: APPROVE

IEEE Power and Energy Society/Transformers

PC57.12.38/Draft 2.9

IEEE Draft Standard for Pad-Mounted-Type, Self-Cooled, Single-Phase Distribution Transformers 250 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 V and Below; Low Voltage, 480/240 V and Below

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P1159.3/Draft 6.3

IEEE Draft Recommended Practice for Power Quality Data Interchange Format (PQDIF)

Recommendation: APPROVE