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National Institute of Standards and Industrial Technology Act 1993

DECLARATION OF PAPUA NEW GUINEA PUBLISHED TECHNICAL STANDARDS

I, WIN BAKRI DAKI, Minister for Commerce and Industry, by virtue of the powers conferred by Section 41 of the *National Institute of Standards and Industrial Technology Act 1993* and all other powers me enabling, acting with, and in accordance with, the advice of the National Institute of Standards and Industrial Technology Council, hereby declare the adoption and publication of the following International Standards as Papua New Guinea Published Technical Standards:

SCHEDULE

PUBLICATION OF TECHNICAL STANDARDS

	CODE
1.	PNGS IEC 60038:2009 ed. 7.0 IEC standard voltages
2.	PNGS IEC 60335 - 1:2020 ed. 6.0 Household and similar electrical appliances - Safety Part 1: General Requirements
3.	PNGS IEC 60364 - 1:2005 ed. 5.0 Low voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions
4.	PNGS IEC 60364-7-712:2017 ed. 2.0 Low voltage electrical installations - Part 7 - 712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems
5.	PNGS IEC 60904-1:2020 ed. 3.0 Photovoltaic devices - Part 1: Measurement of photovoltaic current - voltage characteristics
6.	PNGS IEC 60904-2:2023 ed. 4.0 Photovoltaic devices - Part 1: Requirements for photovoltaic references devices
7.	PNGS IEC 61000-3-2:2018 ed. 5.0 Photovoltaic devices -Part 9: Classification of sola simulator

Declaration of Papua New Guinea Published Technical Standards—*continued*Schedule—*continued*Publication of Technical Standards—*continued*

Code— <i>continued</i>
8. PNGS IEC 61000-3-2:2018 ed. 5.0 Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current \leq 16A per phase)
9. PNGS IEC 61000-3-2:2018/AMD1:2024 ed. 5.0 Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
10. PNGS IEC 61000-3-2:2018/AMD2:2024 ed. 5.0 Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
11. PNGS IEC 61215-1:20221 ed. 2.0 Terrestrial photovoltaic (PV) modules - Design qualifications and type approval - Part 1: Test requirements
12. PNGS IEC 61215-1-1:2021 ed. 2.0 Terrestrial photovoltaic (PV) modules - Design qualifications and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
13. PNGS IEC 61215-1-2:2021 ed. 2.0 Terrestrial Photovoltaic (PV) modules - Design qualifications and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules
14. PNGS IEC 61215-1-3:2021 ed. 2.0 Terrestrial Photovoltaic (PV) modules - Design qualifications and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules
15. PNGS IEC 61215-1-4:2021 ed. 2.0 Terrestrial Photovoltaic (PV) modules - Design qualifications and type approval - Part 1-4: Special requirements for testing of thin-film Cut (In,Ga) (S,Se) ₂ based photovoltaic (PV) modules
16. PNGS IEC 61215-2:2021 ed. 2.0 Terrestrial Photovoltaic (PV) modules - Design qualifications and type approval - Part 1: Requirements for testing
17. PNGS IEC 61427-1:2013 ed. 1.0 Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 1: Photovoltaic off-grid application
18. PNGS IEC 61427-2:2015 ed. 1.0 Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 1: Photovoltaic on-grid application
19. PNGS IEC 61638:1999 ed. 1.0 Photovoltaic systems - POver Conditioners - Procedure for measuring efficiency
20. PNGS IEC 61727:2004 ed. 2.0 Photovoltaic (PV) systems - Characteristics of the utility interface
21. PNGS IEC 61869-2:2012 ed. 1.0 Instruments transformers - Part 2: Additional requirements for current transformers
22. PNGS IEC 61869-4:2013 ed. 1.0 Instruments transformers - Part 3: Additional requirements for inductive voltage transformers
23. PNGS IEC 61869-4:2013 ed. 1.0 Instruments transformers - Part 4: Additional requirements for combined transformers
24. PNGS IEC 61869-4:2011 ed. 1.0 Instruments transformers - Part 5: Additional requirements for capacitor voltage transformers
25. PNGS IEC 62052-11:2020 ed. 2.0 Electricity metering equipment - General requirments, test and conditions - Part 11: Metering equipment

Declaration of Papua New Guinea Published Technical Standards—*continued*Schedule—*continued*Publication of Technical Standards—*continued*

Code— <i>continued</i>	
26.	PNGS IEC 62053-21:2020 ed. 2.0 Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5,1 and 2)
27.	PNGS IEC 62053-21:2020 ed. 2.0 Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5,1 and 2)
28.	PNGS IEC 62053-23:2020 ed. 2.0 Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)
29.	PNGS IEC 62054-21:2004 ed. 1.0 Electricity metering (AC) - Tariff and load control - Part 21: Particular requirements for time switches
30.	PNGS IEC 62054-21:2004/AMD 1:2017 ed. 1.0 Electricity metering (AC) - Tariff and load control - Part 21: Particular requirements for time switches
31.	PNGS IEC 62056-21:2002 ed. 1.0 Data exchange for meter reading, tariff and load control - Part 21: Direct local data exchange
32.	PNGS IEC 62059-31-1:2008 ed. 1.0 Electricity Metering Equipment Dependability
33.	PNGS IEC 62059-32-1:2011 ed. 1.0 Electricity Metering Equipment Dependability
34.	PNGS IEC 62059-41:2006 ed. 1.0 Electricity Metering Equipment Dependability
35.	PNGS IEC 62109-1:2010 Safety of power converters for use in photovoltaic power systems - Part 1: General requirements
36.	PNGS IEC 62109-2:2011 Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters
37.	PNGS IEC 62109-3:2020 Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements
38.	PNGS IEC TR 62059-11: 2002 ed. 1.0 Electricity Metering Equipment Dependability
39.	PNGS IEC TR 62059-21: 2002 ed. 1.0 Electricity Metering Equipment Dependability
40.	PNGS IEC TS 61724-2:2016 ED. 1.0 Photovoltaic system performance - Part 2: Capacity evaluation method
41.	PNGS IEC TS 61724-3:2016 ed. 1.0 Photovoltaic system performance - Part 3: Energy evaluation method
42.	PNGS IEC TS 61836:2016 ed. 3.0 Solar photovoltaic energy systems - Terms, definitions and symbols
43.	PNGS ISO/IEC 27000: 2018 ed. 5.0 Information technology - Security techniques - Information security management system - Overview and vocabulary
44.	PNGS ISO/IEC 27001: ed. 3.0 Information security, cybersecurity and privacy protection - Information security management system - Requirements

Dated this 6th day of February, 2025.

Hon. W.B. DAKI,
Minister for Commerce and Industry.