National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	STERLING AND WILSON MOBILE PV TESTING LABORATORY, A-27,MGF BUILDING, SECOND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, SOUTH EAST, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8972
Validity	26/08/2022 to 25/08/2024

Last Amended on -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Mobile Facility				
1	ELECTRONICS-MISCELLANEOUS PRODUCTS	Mono Cr-Si & Poly Cr-Si Terrestrial Photovoltaic (PV) (Modules Dimension of test Sample: (0.525 to 2.12) m²)	Performance at Low Irradiance	IS 14286/IEC 61215 Clause 10.7
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules	Visual Inspection	IEC 61215 (PART 2) Clause 4.1
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules	Visual Inspection	IS 14286/ IEC 61215 Clause 10.1
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules (Dimension of test Sample: (0.525 to 2.12) m²)	Max. Power Determination	IEC 61215 (Part 2) Clause 4.2 and IEC 60904-1
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules (Dimension of test Sample: (0.525 to 2.12) m²)	Max. Power Determination test	IS 14286/IEC 61215 Clause 10.2 and IEC 60904-1
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules (Dimension of test Sample: (0.525 to 2.12) m²)	Performance at Low Irradiance	IEC 61215 (Part 2) Clause 4.7
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Cr-Si,Mono Cr-Si PV Modules, Bi facial Modules & Thin Film Mobile Facility :(0.525 to 2.12) m² Site Testing: (0.525 to 9.5) m²	Electroluminescence Test	IEC TS 60904 (Part 13) / LAB/SOP-03/05
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules (Dimension of test Sample: (0.525 to 2.12) m²)	Performance at STC	IEC 61215-2, MQT-0.06.1

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Site Facility				
1	ELECTRONICS-MISCELLANEOUS PRODUCTS	Continuity of protective earthing and equipotential bonding conductors.	Continuity Test	IEC 62446-1, Clause : 6.1
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	DC Circuit.	Polarity test	IEC 62446-1, Clause: 6.2
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	Mono Cr-Si & Poly Cr-Si Terrestrial Photovoltaic (PV) (Modules Dimension of test Sample: (0.525 to 2.5) m^2)	Photovoltaic (PV) array – On-site measurement of current-voltage characteristics	IEC 61829,Ed.2
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules	Visual Inspection	IEC 61215 (PART 2) Clause 4.1
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Crystalline Silicon & Mono Crystalline Silicon Photovoltaic (PV) Modules	Visual Inspection	IS 14286/ IEC 61215 Clause 10.1
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	Poly Cr-Si,Mono Cr-Si PV Modules, Bi facial Modules & Thin Film Mobile Facility :(0.525 to 2.12) m^2 Site Testing: (0.525 to 9.5) m^2	Electroluminescence Test	IEC TS 60904 (Part 13) / LAB/SOP-03/05