National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MAHINDRA TEQO PRIVATE LIMITED - MOBILE PV LAB, MAHINDRA TOWERS, PANDURANG BHUDHKAR MARG, WORLI, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10454 **Page No** 1 of 3

Validity 30/03/2022 to 29/03/2024 **Last Amended on** 23/03/2023

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	PV Module	Electroluminescence of photovoltaic modules	IEC TS 60904-13, MTPL/IMS/LAB/SOP/18
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules 2000mm x 1150mm	Performance Measurement at Low Irradiation	IEC 61215-1-1:,MQT 07
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Maximum Power Determination	IEC 61215-1-1:, MQT 02 Clause 11.2
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	Crystalline Silicon Photovoltaic (PV) Modules	Maximum Power Determination	IS 14286: Part 2:
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Performance Measurement at Low Irradiation	IS 14286: Part 2:
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Visual examination	IEC 61215-1-1: MQT 01 Clause 11.1
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Visual Examination	IS 14286: Part 1
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	Crystalline Silicon Solar PV Module	Measurement of Photovoltaic current and voltage characteristics	IEC 60904-1 Edition 3.0
9	ELECTRONICS-MISCELLANEOUS PRODUCTS	Crystalline Silicon Solar PV Module	Measurement of Photovoltaic current and voltage characteristics	IS 12762: Part 3
10	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Insulation Test (MQT 03)	IEC 61215-2 Clause 4.3
11	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Insulation Test (MQT 03)	IS 14286(Part2) Clause 4.3
12	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Insulation test MST 16	IEC 61730-2 Clause 10.13
13	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices	IEC TS 60904-1-2

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14	ELECTRONICS-MISCELLANEOUS PRODUCTS	Thin-Film Cadmium Telluride (CdTe) based photovoltaic (PV) modules	Maximum Power Determination	IS 14286: Part 2:
15	ELECTRONICS-MISCELLANEOUS PRODUCTS	Thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules	Visual Examination	IEC 61215-1-2:, MQT 01(clause 11.1)
16	ELECTRONICS-MISCELLANEOUS PRODUCTS	Thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules	Visual Examination	IS 14286: Part 1

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Site Facility				
1	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Visual Examination	IEC 61215-1-1: MQT 01 Clause 11.1
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	crystalline silicon photovoltaic (PV) modules	Visual Examination	IS 14286:Part 1
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	PV Module	Electroluminescence of photovoltaic modules	IEC TS 60904-13/MTPL/IMS/LAB/SOP/18
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar Plant Equipment	Outdoor Infrared thermography	IEC TS 62446-3
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Maximum Power Determination-Procedures for Temperature & Irradiance corrections	IEC 60891
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Measurement of Photovoltaic current and voltage characteristics in Natural Sunlight	IEC 60904-1:2020,Clause 6
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV Module	Outdoor Infrared thermography	IEC TS 62446-3
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	Solar PV String	String I-V curve measurement	IEC 62446-1: edition 1.1: 2018
9	ELECTRONICS-MISCELLANEOUS PRODUCTS	Thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules	Visual Examination	IEC 61215-1-2:, MQT 01(clause 11.1)
10	ELECTRONICS-MISCELLANEOUS PRODUCTS	Thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules	Visual Examination	IS 14286: Part 1