



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

MAHINDRA TEQO PRIVATE LIMITED - MOBILE PV LAB

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

MAHINDRA TOWERS, PANDURANG BHUDHKAR MARG, WORLI, MUMBAI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-10454

Issue Date: 30/03/2022

Valid Until:

29/03/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity: MAHINDRA TEQO PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



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 |



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

2 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 |
|------|---|--|--|--|
| 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 |



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 | 3 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 |
|---------------|-------------------------------------|--|--|--|
| 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 |