



**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
TELECOMMUNICATION ENGINEERING CENTRE
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001**

CERTIFICATE OF DESIGNATION

**M/s MARQUIS TECHNOLOGIES PRIVATE LIMITED,
NOIDA**

has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

**A-43, SECTOR 67, NOIDA, GAUTAM BUDDHA NAGAR,
UTTAR PRADESH-201 301**

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/95

Issue Date: 25/04/2024

Validity: 24/04/2024 to 23/04/2027

This Certificate remains valid for the Scope of Designation as specified in the Annexure subject to the continued validity of NABL Accreditation and satisfied compliance to the Standards/specifications against which lab has been designated and strict compliance to the relevant terms and conditions of TEC CAB Designation Scheme.

(To see the scope of designation of this laboratory, you may also visit TEC website www.tec.gov.in)

Signed for and on behalf of TEC

**Vijay Dixit
Director (CA)
For Designating Authority
TEC**

**Certificate No: TEC/MRA/CAB/IND-D/95 dated 25/04/2024 issued to
M/S Marquis Technologies Private Limited, Noida
A-43, Sector 67, Noida, Gautam Buddha Nagar,
Uttar Pradesh- 201 301**



Validity: - 24/04/2024 to 23/04/2027

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING DOMESTIC CONFORMITY ASSESEMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESEMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 3 NO. TEC 04019:2023.

Some of the conditions are reiterated as under:

A. Obligations of the Designated CAB.

1. It shall ensure that it maintains its accreditation status from any recognised Indian accreditation body like NABL during validity period of certificate.
2. It shall follow the stipulated procedures, rules and policies laid down by Designating Authority (DA) or Mutual Recognition Agreement (MRA)* partner for testing and evaluation.
3. In respect of tests for which it is seeking designation, it shall have no interest whatsoever in any business to carry on testing in an unfair or biased manner.
4. It shall fully indemnify DA from and against all liabilities, damages, claims, costs, and expenses incurred or sustained by DA as a result of any action taken or omitted by DA relating to the process of designation.
5. It shall comply with DA's or MRA partner's terms and conditions for designation and recognition as modified from time to time.
6. It shall be under obligation to participate in the online process prescribed by TEC for test and certification against TEC's GR/IR/ER and standards.
7. It shall have a record system which shall have a retention period of at least 5 years for documents related to the equipment testing. It shall maintain all the relevant documents including list of products submitted for testing, product-wise testing and evaluation reports. These documents shall be produced before the DA within seven days, as and when required.
8. It shall ensure the Intellectual Property Rights of the customers in the course of testing by maintaining professional ethics, secrecy and keeping all the product related information confidential.

*Applicable only if recognized by MRA (Mutual Recognition Agreement) partner.

9. It shall notify the DA in writing of occurrence of any of the following incident(s) within 2 weeks of its occurrence
 - a) Cessation of its business of conformity assessment for which it is Designated or accredited
 - b) Changes in its legal, commercial, or Organisational status
 - c) Changes, which may affect continuing compliance with any of the criteria or requirement specified by DA or MRA partner.
 - d) Change of premises

B. REFERENCE TO DESIGNATION STATUS

1. Designated CABs may advertise their designation status with regard to standards or parts thereof which are included in the scope of designation.
2. The advertisement should not imply, or otherwise suggest that DA or MRA Partner has endorsed the product or imply that the designated CAB is an agent or representative of DA or MRA Partner.
3. CABs whose designations have been suspended or withdrawn for any reason, shall discontinue advertisement of their designated status and not make any misleading statements regarding their designation status.

C. POST-DESIGNATION SURVEILLANCE

As and when required, DA shall conduct surveillance assessments and other non-routine assessments on the Designated CABs to ensure that standards of practices are maintained as well as to investigate complaints made against them.

D. SUSPENSION OR WITHDRAWAL OF DESIGNATION

1. DA shall suspend or withdraw the designation of a CAB if
 - a. Its accreditation is withdrawn.
 - b. It is found that the CAB is not complying with the stipulated criteria or requirements.
 - c. It is guilty of any offence involving fraud or dishonesty.
 - d. DA concludes that there is a just cause for withdrawing the designation.
2. A CAB whose designation, and recognition in case of MRA, has been suspended or withdrawn shall be removed from the list of designated CABs, in case it fails to take corrective measures.
3. DA shall keep the designation of a Designated CAB under suspension, until the completion of formal review process.

E. AMENDMENT TO THE SCHEME

DA reserves the rights to amend the scheme, as and when required, for the purpose of streamlining designation process.

SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/S Marquis Technologies Private Limited, Noida
A-43, Sector 67, Noida, Gautam Buddha Nagar,
Uttar Pradesh- 201 301

Certificate Number: TEC/MRA/CAB/IND-D/95

Page 1 of 7

Validity: 24/04/2024 to 23/04/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
1	Uninterruptible Power System (UPS)-General and Safety requirements	Resistance to Fire Clause-7.5	IEC 62040-1
		Safety Extra Low Voltage -SELV Circuits Clause- 5.2.1	IEC 62040-1
		Stability Clause- 7.2	IEC 62040-1
		Telephone Network Voltage Circuits-TNV Clause- 5.2.2	IEC 62040-1
		Temperature Rise Clause- 7.7	IEC 62040-1
		Ventilation Clause- 7.6.7	IEC 62040-1
		Wiring Terminals for External Power Conductors Clause- 6.3	IEC 62040-1
		Protective Earthing and Bonding Clause- 5.3	IEC 62040-1
		Protection for UPS intended to be used in Service Access Areas Clause- 5.1.2	IEC 62040-1
		Protection for UPS intended to be used in Restricted Access Area Clause- 5.1.3	IEC 62040-1
		Protection for UPS intended to be used in Operator Access Area Clause- 5.1.1	IEC 62040-1

***The validity of Certificate is up to 23/04/2027 or the continued validity of NABL Accreditation, whichever is earlier.**

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Certificate Number: TEC/MRA/CAB/IND-D/95

Page 2 of 7

Validity: 24/04/2024 to 23/04/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Uninterruptible Power System (UPS)-General and Safety requirements	Power Interface Clause- 4.6	IEC 62040-1
		Overcurrent and Earth Fault Protection Clause- 5.5	IEC 62040-1
		Mechanical Strength Clause- 7.3	IEC 62040-1
		Limited Current Circuits Clause- 5.2.3	IEC 62040-1
		Abnormal Operating and Fault Conditions Clause- 8.3	IEC 62040-1
		Backfeed Protections Clause- 5.1.4	IEC 62040-1
		Clearance, Creepage Distances and Distances through Insulation Clause- 5.7	IEC 62040-1
		Connection to Telecommunication Networks Clause- 9	IEC 62040-1
		Constructions Details Clause- 7.4	IEC 62040-1
		Durability of Markings Clause- 4.7.16	IEC 62040-1
		Electric Strength Clause- 8.2	IEC 62040-1
		General Provisions for Earth Leakage Clause- 8.1	IEC 62040-1

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Page 3 of 7

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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Uninterruptible Power System (UPS)-General and Safety requirements	General Provisions for Connection to Power (Cord Anchorage and Strain Relief) Clause- 6.2.1	IEC 62040-1
2.	Secondary cells and batteries (Lithium-ion system)-Safety Requirements	Charging Procedures for Test Purposes Clause- 7.1	IEC 62133-2
		Continuous Charging at Constant Voltage (Cells) Clause- 7.2.1	IEC 62133-2
		Crush (Cells) Clause- 7.3.5	IEC 62133-2
		External Short Circuit (Cell) Clause- 7.3.1	IEC 62133-2
		External Short Circuit (Battery) Clause- 7.3.2	IEC 62133-2
		Forced Discharge (Cells) Clause- 7.3.7	IEC 62133-2
		Free Fall Clause- 7.3.3	IEC 62133-2
		Insulation and Wiring Clause- 5.2	IEC 62133-2
		Mechanical Shock Clause- 7.3.8.2	IEC 62133-2
		Overcharging of Battery Clause- 7.3.6	IEC 62133-2
	Thermal Abuse (Cell) Clause- 7.3.4	IEC 62133-2	

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Certificate Number: TEC/MRA/CAB/IND-D/95

Page 4 of 7

Validity: 24/04/2024 to 23/04/2027

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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Secondary cells and batteries (Lithium-ion system)-Safety Requirements	Vibration Clause- 7.3.8.1	IEC 62133-2
		Case Stress at High Ambient Temperature (Battery) Clause- 7.2.2	IEC 62133-2
3.	Information Technology Equipment-Safety Requirements	Access to Energized Parts Clause- 2.1.1.1	IEC 60950-1
		Battery Compartments Clause- 2.1.1.2	IEC 60950-1
		Access to ELV Wiring Clause- 2.1.1.3	IEC 60950-1
		Access to Hazardous Voltage Circuit Wiring Clause- 2.1.1.4	IEC 60950-1
		Discharge of Capacitors in Equipment Clause- 2.1.1.7	IEC 60950-1
		Audio Amplifiers in Information Technology Equipment Clause- 2.1.1.9	IEC 60950-1
		Connection of SELV Circuits to other Circuits Clause- 2.2.4	IEC 60950-1
		Contact Gaps Clause- 2.8.7.1	IEC 60950-1
		Clearances in Primary Circuits Clause- 2.10.3.3	IEC 60950-1
		Clearances in Secondary Circuits Clause- 2.10.3.4	IEC 60950-1

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Certificate Number: TEC/MRA/CAB/IND-D/95

Page 5 of 7

Validity: 24/04/2024 to 23/04/2027

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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment-Safety Requirements	Additional Insulation in Wound Components Clause- 2.10.5.14	IEC 60950-1
		Determination of Working Voltage Clause- 2.10.2	IEC 60950-1
		Creepage Distances Clause- 2.10.4	IEC 60950-1
		Abrasion Resistance Test Clause- 2.10.8.4	IEC 60950-1
		Beads and Ceramic Insulators Clause- 3.1.5	IEC 60950-1
		Appliance Inlets Clause- 3.2.4	IEC 60950-1
		Cord Guards Clause- 3.2.8	IEC 60950-1
		AC Power Supply Cords Clause- 3.2.5.1	IEC 60950-1
		Adjustable Controls Clause- 4.3.3	IEC 60950-1
		Direct Plug-in Equipment Clause- 4.3.6	IEC 60950-1
		Batteries Clause-4.3.8	IEC 60950-1
		Containers for Liquids or Gases Clause- 4.3.11	IEC 60950-1
		Constructional Design Measures Clause- 4.6.4.1	IEC 60950-1

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Page 6 of 7

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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Information Technology Equipment-Safety Requirements	Adhesives for Constructional Purposes Clause- 4.6.5	IEC 60950-1
		Conditions for a Fire Enclosure Clause- 4.7.2	IEC 60950-1
		Audio Amplifiers in Information Technology Equipment Clause- 5.3.6	IEC 60950-1
		After the Tests (Electric Strength Test) Clause- 5.3.9.2	IEC 60950-1
		Connection to Cable Distribution Systems Clause- 7	IEC 60950-1
		Clearances, Creepage Distances and Distances through Insulation Clause- 2.10	IEC 60950-1
		Abnormal Operating and Fault Conditions Clause- 5.3	IEC 60950-1
		TNV Circuits Clause- 2.3	IEC 60950-1
		Limited Current Circuits Clause- 2.4	IEC 60950-1
		Protective Earthing and Protective Bonding Clause- 2.6.3	IEC 60950-1
		Over Current and Earth Fault Protection in Primary Circuits Clause- 2.7	IEC 60950-1

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Page 7 of 7

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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment-Safety Requirements	Solid Insulation Clause 2.10.5	IEC 60950-1
		Power Supply Cords Clause 3.2.5	IEC 60950-1
		Wiring Terminal for Connection of External Conductors Clause 3.3	IEC 60950-1
		Mechanical Strength Test Clause 4.2	IEC 60950-1
		Opening in Enclosures Clause 4.6	IEC 60950-1
		Electric Strength Test Clause 6.2.2	IEC 60950-1

AD (CA), TEC

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