



**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 Atharva Laboratories Pvt. Ltd., Noida
has been assessed and designated as Conformity Assessment Body (CAB)

for its facilities at

B-100 Phase-II, Noida Gautam Buddha Nagar, Uttar Pradesh
In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/72

Issue Date: 26/02/2021

Valid Until: 25/02/2024

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

Prasanth Kumar
Deputy Director General (MRA)
For Designating Authority
TEC

**Certificate No: TEC/MRA/CAB/IND-D/72 dated 26/02/2021 issued to
M/s Atharva Laboratories Pvt. Ltd., B-100 Phase-II,
Noida Gautam Buddha Nagar, Uttar Pradesh.**

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC Scheme for Designating Domestic Conformity Assessment Bodies and Certification Bodies for Conformity Assessment and Certification of Telecommunication Equipment Issue 2 No. TEC/DES-01/02.DEC.2017.

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 out 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 two 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 of 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 Atharva Laboratories Pvt. Ltd.
B-100 Phase-II, Noida Gautam Buddha Nagar, Uttar Pradesh.

Certificate Number: TEC/MRA/CAB/IND-D/72

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Validity: 26/02/2021 to 25/02/2024

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
1.	Information Technology Equipment- Safety Requirements	Double or Reinforced Insulation Bridged by components Clause- 1.5.7.3	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Input Current Voltage, Neutral conductor Clause- 1.6.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Removable parts, Replaceable Batteries & Equipment for restricted access location Clause- 1.7.11, 1.7.13	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Access to energized parts Clause- 2.1.1.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Protection requirements Clause- 2.8.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Energy Hazard Measurements Clause- 2.1.1.5	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Capacitance discharge test Clause- 2.1.1.7	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		SELV reliability test Clause- 2.2.2, 2.2.3 & 2.3.4	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		TNV Circuits Clause- 2.3	IEC 60950-1 : 2005 +A1 :2009 +A2:2013



Director (MRA), TEC



AD (MRA), TEC

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Validity: 26/02/2021 to 25/02/2024

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Limited current circuits measurements Clause- 2.4.1, 2.4.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Limited Power source measurements Clause- 2.5	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Protective Earthing conductor and protective bonding conductor test Clause- 2.6.3.4, 2.6.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Properties of insulating materials, Humidity condition Clause- 2.9.1, 2.9.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		RMS Working Voltage & Peak Working Voltage Clause- 2.10.2.2, 2.10.2.3	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Measurement of Transient voltages Clause- 2.10.3.9	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Distance through Insulation Clause- 2.10.5.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Cord anchorages and strain relief test Clause- 3.2.6	IEC 60950-1 : 2005 +A1 :2009 +A2:2013



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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Cord guard test Clause- 3.2.8	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Stranded wire Clause- 3.3.8	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Stability tests Clause- 4.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Mechanical Strength- General Steady Force test Clause- 4.2.1, 4.2.2, 4.2.3& 4.2.4	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Drop test Clause- 4.2.6	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Stress Relief test Clause- 4.2.7	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Wall or ceiling mounted equipment Clause- 4.2.10	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Designs and Construction-Edges and corner, handles and manual controls Clause- 4.3.1, 4.3.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Connection by the plug and sockets Clause- 4.3.5	IEC 60950-1 : 2005 +A1 :2009 +A2:2013


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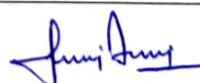
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Validity: 26/02/2021 to 25/02/2024

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Dust, powder, liquids and gases Clause- 4.3.10	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Protection against Hazardous Moving parts Clause- 4.4, 4.4.1, 4.4.2, 4.4.3, 4.4.4	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Thermal Requirements Clause- 4.5	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Openings in Enclosures Clause- 4.6	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Resistance to Fire Clause- 4.7	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Electrical requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Clause- 5.1, Annex D	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Electrical Strength Clause- 5.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Abnormal operating and Fault conditions & protection against overload and abnormal operation Clause- 5.3, 5.3.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013


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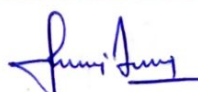
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Validity: 26/02/2021 to 25/02/2024

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Transformer abnormal operation test Clause- 5.3.3, Annex C.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Protection of the equipment users from over voltages on telecom networks Clause- 6.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Impulse test Clause- 6.2.2.1	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Voltage Surge test Clause- 7.4.2	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Impulse test Clause- 7.4.3	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
		Hot Flaming Oil test Clause- Annex. A3	IEC 60950-1 : 2005 +A1 :2009 +A2:2013
2.	Safety of Secondary cells and batteries (Lithium ion System)	Continuous Charging at constant voltage (Cell) Clause- 7.2.1	IEC 62133-2:2017/ IS 16046-2:2018
		External short circuit (Cell) Clause- 7.3.1	IEC 62133-2:2017/ IS 16046-2:2018


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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Safety of Secondary cells and batteries (Lithium ion System)	External short circuit (battery) Clause- 7.3.2	IEC 62133-2:2017/ IS 16046-2:2018
		Free fall Clause- 7.3.3	IEC 62133-2:2017/ IS 16046-2:2018
		Thermal abuse (cell) Clause- 7.3.4	IEC 62133-2:2017/ IS 16046-2:2018
		Crush (cells) Clause- 7.3.5	IEC 62133-2:2017/ IS 16046-2:2018
		Overcharging of battery Clause- 7.3.6	IEC 62133-2:2017/ IS 16046-2:2018
		Forced discharge (cells) Clause- 7.3.7	IEC 62133-2:2017/ IS 16046-2:2018
		Mechanical Tests (batteries) Clause- 7.3.8	IEC 62133-2:2017/ IS 16046-2:2018
		Vibration Clause- 7.3.8.1	IEC 62133-2:2017/ IS 16046-2:2018
		Mechanical shock Clause- 7.3.8.2	IEC 62133-2:2017/ IS 16046-2:2018



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