



### 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

D-115A, Hosiery Complex, Phase-II, Noida-201305, Gautam Budh Nagar, Uttar Pradesh

#### In the field of Testing

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

Issue Date: 26/02/2024 Validity: 26/02/2024 to 25/02/2027

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

Signed by Vijay Dixit Date: 26-02-2024 13:35:54

Vijay Dixit Director (CA) For Designating Authority TEC

Certificate No: TEC/MRA/CAB/IND-D/72 dated 26/02/2024 issued to

M/s Atharva Laboratories Pvt. Ltd.

D-115A, Hosiery Complex, Phase-II, Noida-201305,

Gautam Budh Nagar, Uttar Pradesh



Validity: - <u>26/02/2024 to 25/02/2027</u>

#### **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.

<sup>\*</sup>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.

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Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

## SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/s Atharva Laboratories Pvt. Ltd.

D-115A, Hosiery Complex, Phase-II, Noida-201305,

Gautam Budh Nagar, Uttar Pradesh

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 5

Sl.	Telecom	Test Parameter or Type of Testing#	Standard/
No.	Equipment/	Test rarameter of Type of Testing#	Specification
110.	Product		Specification
	Froduct		
1	Information	Double or Reinforced Insulation Bridged by	IEC 60950-1:2005 +
1	Technology	Components	A1:2009 + A2:2013
	Equipment –Safety	Clause- 1.5.7.3	A1.2009 + A2.2013
	Requirement	Input Current Voltage, Neutral Conductor	IEC 60950-1:2005 +
	Kequii ement	Clause- 1.6.2	A1:2009 + A2:2013
			IEC 60950-1:2005 +
		Removable Parts, Replaceable Batteries &	A1:2009 + A2:2013
		Equipment for Restricted Access location	A1:2009 + A2:2013
		Clause- 1.7.11, 1.7.13	IEC (0050 1,2005 )
		Access to Energized Parts	IEC 60950-1:2005 +
		Clause- 2.1.1.1	A1:2009 + A2:2013
		Protection Requirements	IEC 60950-1:2005 +
		Clause- 2.8.2	A1:2009 + A2:2013
		Energy Hazard Measurements	IEC 60950-1:2005 +
		Clause- 2.1.1.5	A1:2009 + A2:2013
		Capacitance Discharge Test	IEC 60950-1:2005 +
		Clause- 2.1.1.7	A1:2009 + A2:2013
		SELV Reliability Test	IEC 60950-1:2005 +
		Clause- 2.2.2, 2.2.3 & 2.3.4	A1:2009 + A2:2013
		TNV Circuits	IEC 60950-1:2005 +
		Clause- 2.3	A1:2009 + A2:2013
		Limited Current Circuits Measurements	IEC 60950-1:2005 +
		Clause- 2.4.1, 2.4.2	A1:2009 + A2:2013
		Limited Power Source Measurements	IEC 60950-1:2005 +
		Clause- 2.5	A1:2009 + A2:2013
		Protective Earthing Conductor and Protective	IEC 60950-1:2005 +
		Bonding Conductor Test	A1:2009 + A2:2013
		Clause- 2.6.3.4, 2.6.1	
		,	
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<sup>\*</sup>The validity of Certificate is up to 25/02/2027 or the continued validity of NABL Accreditation, whichever is earlier.

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Certificate Number: TEC/MRA/CAB/IND-D/72 Page 2 of 5

Sl. No.	Telecom Equipment/	Test Parameter or Type of Testing#	Standard/ Specification
	Product		
	Information	Properties of Insulating Materials, Humidity	IEC 60950-1:2005 +
	Technology	Condition	A1:2009 + A2:2013
	Equipment –Safety	Clause- 2.9.1, 2.9.2	
	Requirement	RMS Working Voltage & Peak Working	IEC 60950-1:2005 +
		Voltage	A1:2009 + A2:2013
		Clause- 2.10.2.2, 2.10.2.3	
		Measurement of Transient Voltages	IEC 60950-1:2005 +
		Clause- 2.10.3.9	A1:2009 + A2:2013
		Distance through Insulation	IEC 60950-1:2005 +
		Clause- 2.10.5.2	A1:2009 + A2:2013
		Cord anchorages and Strain Relief Test	IEC 60950-1:2005 +
		Clause- 3.2.6	A1:2009 + A2:2013
		Cord Guard Test	IEC 60950-1:2005 +
		Clause- 3.2.8	A1:2009 + A2:2013
		Stranded Wire	IEC 60950-1:2005 +
		Clause- 3.3.8	A1:2009 + A2:2013
		Stability Tests	IEC 60950-1:2005 +
		Clause- 4.1	A1:2009 + A2:2013
		Mechanical Strength- General Steady Force	IEC 60950-1:2005 +
		Test	A1:2009 + A2:2013
		Clause- 4.2.1, 4.2.2, 4.2.3& 4.2.4	
		Drop Test	IEC 60950-1:2005 +
		Clause- 4.2.6	A1:2009 + A2:2013
		Stress Relief Test	IEC 60950-1:2005 +
		Clause- 4.2.7	A1:2009 + A2:2013
		Wall or Ceiling mounted Equipment	IEC 60950-1:2005 +
		Clause- 4.2.10	A1:2009 + A2:2013
		Designs and Construction-Edges and Corner,	IEC 60950-1:2005 +
		Handles and Manual Controls	A1:2009 + A2:2013
		Clause- 4.3.1, 4.3.2	

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Certificate Number: TEC/MRA/CAB/IND-D/72 Page 3 of 5

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
	Information Technology	Connection by the Plug and Sockets Clause- 4.3.5	IEC 60950-1:2005 + A1:2009 + A2:2013
	Equipment –Safety Requirement	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
		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

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Gautam Budh Nagar, Uttar Pradesh

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 4 of 5

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
	Information Technology Equipment –Safety Requirement	Impulse Test Clause- 6.2.2.1  Voltage Surge Test Clause- 7.4.2  Impulse Test Clause- 7.4.3  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 External Short Circuit (Cell) Clause- 7.3.1 External Short Circuit (Battery) Clause- 7.3.2 Free Fall Clause- 7.3.3 Thermal Abuse (Cell) Clause- 7.3.4 Crush (Cells) Clause- 7.3.5 Overcharging of Battery Clause- 7.3.6  Forced Discharge (Cells) Clause- 7.3.7  Mechanical Tests (Batteries) Clause- 7.3.8	IEC 62133-2:2017/ IS 16046-2:2018  IEC 62133-2:2017/ IS 16046-2:2018

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Certificate Number: TEC/MRA/CAB/IND-D/72 Page 5 of 5

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
	Safety of	Vibration	IEC 62133-2:2017/
	Secondary cells	Clause- 7.3.8.1	IS 16046-2:2018
	and batteries		
	(Lithium-ion	Mechanical Chock	IEC 62133-2:2017/
	System)	Clause- 7.3.8.2	IS 16046-2:2018
	•		

Signed by Sanjay Bhardwaj Date: 26-02-2024 14:00:48

AD (CA), TEC

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1-77/2024-ਜੀ.ए./टी.ई.ਜੀ. 1/3235745/2024

# Government of India Telecommunication Engineering Centre Department of Telecommunications Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi – 110001.

No. 1-77/2024-CA/TEC Dated: 23/12/2024

To.

M/s Atharva Laboratories Pvt. Ltd, Noida, Uttar Pradesh D-115A, Hosiery Complex, Phase-2, Noida, Gautam Buddha Nagar, Uttar Pradesh -201305.

Subject: Enhancement of Scope of CAB Designation of M/s Atharva Laboratories Pvt. Ltd, Noida, Uttar Pradesh.

**Ref.:** 1. TEC CAB Designation Certificate No. TEC/MRA/CAB/IND/-D/72.

2. Your application for Enhancement of Scope of CAB Designation vide application No. SW9994593752 dated 18.06.2024 is submitted on NSWS CAB Designation Portal.

This is in reference to your application for Enhancement of Scope of CAB Designation of Certificate No. TEC/MRA/CAB/IND/-D/72 dated 26.02.2024, valid 25.02.2027, submitted vide Application No. SW9994593752 dated 18.06.2024 in online mode on NSWS CAB Designation Portal.

- 2. In reference to the recommendations of the Site Visit assessment team, the scope of Designation of CAB certificate no. referred above is hereby enhanced in respect of test parameters as per details mentioned in annexure attached.
- 3. All other details, terms and conditions and validity of CAB Designation Certificate No. TEC/MRA/CAB/IND/-D/72 dated 26.02.2024 shall remain unchanged.
- 4. This is issued with the approval of Competent Authority.

Encl.: As above

Digitally signed by Sanjeev Kumar Arya Date: 23-12-2024 17:52:21 (Sanjeev Kumar Arya) Director (CA), TEC

#### Copy to:-

- 1. DDG (TC), TEC, New Delhi for kind information and necessary action.
- 2. DDG (NR)/DDG (ER)/DDG(SR)/DDG(WR) for kind information please.

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Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

# SCOPE OF DESIGNATION (ANNEXURE)

**Laboratory Name:** M/s Atharva Laboratories Pvt. Ltd, Noida, Uttar Pradesh

D-115A, Hosiery Complex, Phase-2, Noida, Gautam Buddha Nagar,

Uttar Pradesh -201305.

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 8

Sl.	Telecom	Test Parameter or Type of Testing	Standard/
No.	Equipment/ Product		Specification
	Product		
1.	Audio/Video,	Safeguards against Parts with Sharp	IEC 62368-1
	Information and	Edges and Corners	
	Communication	Clause-8.4	
	Technology	Safeguards against Fire under Single	IEC 62368-1
	<b>Equipment: Safety</b>	Fault Condition	
	Requirements	Clause-6.4	
		Safeguards against Thermal Energy	IEC 62368-1
		Sources	
		Clause- 9.4	
		Classification of Power Sources (PS)	IEC 62368-1
		and Potential Ignition Sources (PIS)	
		Clause-6.2	
		Enclosure Impact Test	IEC 62368-1
		Clause- Annex T.6	
		Requirements for Safeguards	IEC 62368-1
		Clause-9.5	
		Safeguards against Moving Parts	IEC 62368-1
		Clause-8.5	
		Safeguards	IEC 62368-1
		Clause-4.4	
		Simulated Single Fault Conditions	IEC 62368-1
		Clause-Annex B.4	
		Steady Force Test, 10 N	IEC 62368-1
		Clause- Annex T.2	
		Steady Force Test, 30 N	IEC 62368-1
		Clause- Annex T.3	TEC 00000 1
		Steady Force Test, 100 N	IEC 62368-1

<sup>\*</sup>The validity of Certificate is up to 25/02/2027 or the continued validity of NABL Accreditation, whichever is earlier.

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## SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/s Atharva Laboratories Pvt. Ltd, Noida, Uttar Pradesh

D-115A, Hosiery Complex, Phase-2, Noida, Gautam Buddha Nagar,

Uttar Pradesh -201305.

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 8

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Audio/Video,	Clause- Annex T.4	
	Information and Communication	Steady Force Test, 250 N Clause- Annex T.5	IEC 62368-1
	Technology Equipment: Safety	Input Test Clause- Annex B.2.5	IEC 62368-1
	Requirements	Thermal Energy Source Classifications Clause-9.2	IEC 62368-1
		Insulation Materials and Requirements Clause-5.4	IEC 62368-1
		Equipment Mounted to a Wall, Ceiling or Other Structure Clause- 8.7	IEC 62368-1
		Wheels or casters Attachment Requirements Clause-8.9	IEC 62368-1
		Backfeed Safeguard in Battery Backed up Supplies Clause- 5.8	IEC 62368-1
		Batteries and their Protection Circuits Clause- 7.6	IEC 62368-1
		Carts, Stands, and Similar Carriers Clause-8.10	IEC 62368-1
		Circuits intended for Interconnection with Building Wiring Clause- Annex Q	IEC 62368-1
		Criteria for Telephone Ringing Signals Clause- Annex H	IEC 62368-1

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Uttar Pradesh -201305.

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 8

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Audio/Video, Information and Communication	Determination of Accessible Parts Clause- Annex V Drop Test	IEC 62368-1 IEC 62368-1
	Technology Equipment: Safety Requirements	Clause-Annex T.7  Equipment Containing Batteries and their Protection Circuits Clause- Annex M	IEC 62368-1
		Equipment Containing Coin /Button Cell Batteries Clause- 4.8	IEC 62368-1
		Equipment for Direct Insertion into Mains Socket-Outlets Clause-4.7	IEC 62368-1
		Explosion Clause- 4.5	IEC 62368-1
		Fixing of Conductors Clause- 4.6	IEC 62368-1
		Handle Strength Clause- 8.8 Measurement of Creepage Distances	IEC 62368-1 IEC 62368-1
		and Clearances Clause- Annex O	ILC 02500-1
		Metallized Coatings and Adhesives Securing Parts Clause- Annex P.4	IEC 62368-1
		Ozone Exposure Clause- 7.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 8

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Audio/Video, Information and Communication	Prospective Touch Voltage, Touch Current and Protective Conductor Current Clause- 5.7	IEC 62368-1
	Technology Equipment: Safety Requirements	Protection against Electrical Energy Sources Clause - 5.3	IEC 62368-1
		Protective Conductor Clause- 5.6	IEC 62368-1
		Reduction of Exposure to Hazardous Substances Clause-7.2	IEC 62368-1
		Safeguards against Fire Under Normal Operating Conditions and Abnormal Operating Conditions Clause- 6.3	IEC 62368-1
		Simulated Abnormal Operating Conditions Clause- Annex B.3	IEC 62368-1
		Stability of Equipment Clause- 8.6	IEC 62368-1
		Stress Relief Test Clause- Annex T.8	IEC 62368-1
		Test Conditions for Equipment Containing Audio Amplifiers Clause- Annex E	IEC 62368-1
		Tests for Resistance to Heat and Fire	IEC 62368-1

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Uttar Pradesh -201305.

Certificate Number: TEC/MRA/CAB/IND-D/72 Page 1 of 8

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Audio/Video,	Clause-Annex S	
	<b>Information and</b>	Use of Instructional Safeguards and	IEC 62368-1
	Communication	Instructions	
	Technology	Clause-7.5	
	<b>Equipment: Safety</b>	Grade 718	
	Requirements	Use of Personal Safeguards or	IEC 62368-1
		Personal Protective Equipment (PPE)	
		Clause- 7.4	
			IEC 62368-1
		Internal and External Wiring	1EC 02300-1
		Clause- 6.5	
		Glass Fragmentation Test	IEC 62368-1
		Clause- Annex T.10	

Digitally signed by Rajeev Ranjan

Date: 23-12-2024 18:04:12

AD (CA), TEC

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