



**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 Alpha Test House Private Limited, Bahadurgarh, Haryana
has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

198-199, M.I.E., Phase-I, Bahadurgarh-124507, Haryana

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/69-I

Issue Date: 01/09/2026

Validity: 30/08/2026 to 29/08/2029

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

**Sanjeev Kumar Arya
Director (CA)
For Designating Authority
TEC**

Certificate No: TEC/MRA/CAB/IND-D/69-I dated 01/09/2026 issued to
M/s Alpha Test House Private Limited,
198-199, M.I.E., Phase-I, Bhadurgarh-124507, Haryana



Validity: - 30/08/2026 to 29/08/2029

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.

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ISO 9001: 2015

SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Alpha Test House Private Limited
198-199, M.I.E., Phase-I, Bahadurgarh-124507, Haryana

Certificate Number: TEC/MRA/CAB/IND-D/69-I

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Validity: 30/08/2026 to 29/08/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
1.	All Equipment's Operating in 2.4 GHz and 5GHz Frequency Bands	Parameters linked with Product Variant	Designation of Centre Frequencies and ETSI EN 302 502 Clause No. 4.2.1
		Frequency Error ETSI EN 302 502 Clause No. 5.4.2	TEC ER No. TEC59432407
		Transmitter RF Output Power ETSI EN 302 502 Clause No. 4.2.2	TEC ER No. TEC59432407
		EIRP and EIRP Spectral Density (Conductive only) ETSI EN 302 502 Clause No. 5.4.3	TEC ER No. TEC59432407
		Transmitter Unwanted Emissions ETSI EN 302 502 Clause No. 4.2.3 & 5.4.4	TEC ER No. TEC59432407
		Receiver Spurious Emission ETSI EN 302 502 Clause No. 4.2.5 & 5.4.5	TEC ER No. TEC59432407
		Receiver Blocking ETSI EN 302 502 Clause No. 4.2.7 & 5.4.7.2	TEC ER No. TEC59432407
2.	LAN Switch	Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto Negotiation Test GE IEEE 802.3 Annex-H
		Interface: 1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38, Annex-H
			Receiver Sensitivity IEEE 802.3z Cl. 38, Annex-H

***The validity of Certificate is up to 29/08/2029 or the continued validity of NABL Accreditation, whichever is earlier.**

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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	LAN Switch	Interface:1G Optical Ethernet	Wavelength IEEE 802.3z Cl. 38, Annex-H TEC ER No. TEC37942606
		Interface:10G Optical Ethernet	Average Launch Power IEEE 802.3ae Cl.52, Annex-H TEC ER No. TEC37942606
			Receiver Sensitivity IEEE 802.3ae Cl.52, Annex-H TEC ER No. TEC37942606
			Wavelength IEEE 802.3ae Cl.52, Annex-H TEC ER No. TEC37942606
		Interface: 100 G Optical Ethernet	Average Launch Power IEEE 802.3ba Cl. 86,88, Annex-H TEC ER No. TEC37942606
			Receiver Sensitivity IEEE 802.3ba Cl. 86,88, Annex-H TEC ER No. TEC37942606
			Wavelength IEEE 802.3ba Cl. 86,88, Annex-H TEC ER No. TEC37942606
		Interface: 40 G Optical Ethernet	Average Launch Power IEEE 802.3ba Cl. 86,87, Annex-H TEC ER No. TEC37942606
			Receiver Sensitivity IEEE 802.3ba Cl. 86,87, Annex-H TEC ER No. TEC37942606
			Wavelength IEEE 802.3ba Cl. 86,87, Annex-H TEC ER No. TEC37942606
		Interface: Fast Ethernet Optical	Average Launch Power IEEE 802.3u, Annex-H TEC ER No. TEC37942606
			Receiver Sensitivity IEEE 802.3u, Annex-H TEC ER No. TEC37942606
			Wavelength IEEE 802.3u, Annex-H TEC ER No. TEC37942606

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Validity: 30/08/2026 to 29/08/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
3.	Safety Requirements for Radio Transmitting Equipment	Fault Conditions Clause 5.3	IEC 60215:2016
		General Conditions for Tests Clause 5.4	IEC 60215:2016
		Components Clause 6.2	IEC 60215:2016
		Construction Clause 6.3	IEC 60215:2016
		Marking Relevant to Safety Clause 6.4	IEC 60215:2016
		Protection against Harmful Electric Shock and Radio Frequency Skin burns Clause 7.1	IEC 60215:2016
		Earthing Clause 7.2	IEC 60215:2016
		Enclosure Clause 7.3	IEC 60215:2016
		Mechanical Considerations concerning Safety Devices Clause 7.4	IEC 60215:2016
		Wiring and Termination Clause 7.5	IEC 60215:2016
		Insulation Clause 7.6	IEC 60215:2016
		Voltage at the Radio-Frequency Output Connection Clause 7.7	IEC 60215:2016
		Temperature rise under Fault Conditions/High Temperatures Clause 8.2	IEC 60215:2016
		Fire Clause 8.3	IEC 60215:2016

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Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Safety Requirements for Radio Transmitting Equipment	Dangerous Materials Clause 8.6	IEC 60215:2016

AD (CA-II), TEC

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