

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

No. 1-92/2022-CA/TEC

Dated: 04.09.2023

Corrigendum

Subject: Corrigendum to CAB Designation Certificate No. TEC/MRA/CAB/IND-D/69-I dated 30.08.2023 of M/s Alpha Test House, Bahadurgarh (Haryana).

Reference: CAB Designation Certificate No. TEC/MRA/CAB/IND-D/69-I dated 30.08.2023

This is in reference to this office CAB Designation Certificate No. TEC/MRA/CAB/IND-D/69-I dated 30.08.2023, issued to **M/s Alpha Test House, Bahadurgarh (Haryana)**.

2. The address of the CAB, M/s Alpha Test House, Bahadurgarh (Haryana) may be read as: **“198-199, M.I.E. Phase-1, Bhadurgarh-124507 Haryana”**, instead of 198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana.
3. All other content of the CAB Designation Certificate No. TEC/MRA/CAB/IND-D/69-I dated 30.08.2023, terms & conditions and validity of the Certificate shall remain unchanged.

Signed by Sanjay Bhardwaj
Date: 04-09-2023 10:52:12
(Reason: Approved)
AD (CA-1), TEC

To,
Mr. Ravindra Gupta, MD,
M/s Alpha Test House, Bhadurgarh, Haryana
198-199, M.I.E., Phase-I, Bhadurgarh-124507, Haryana
Mob: 9818233966



**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, Bahadurgarh (Haryana)

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

198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

In the field of Testing

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

Issue Date: 30/08/2023

Validity: 30/08/2023 to 29/08/2026

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: 30-08-2023 15:24:23
Reason: Approved**

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

**Certificate No: TEC/MRA/CAB/IND-D/69-I dated 30/08/2023 issued to
M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana**



Validity: - 30/08/2023 to 29/08/2026

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



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification	
1.	Mobile User Equipment	Parameters linked with Product variant	Mobile device-Non Zero IMEI or MEID or ESN Annex-M	TEC ER No. TEC47722301
			Mobile device Indian Language Support IS 16333 (Part-3), Annex-M	TEC ER No. TEC47722301
			Mobile Emergency Support – Call on 112 DoT order 3GPP2 C. S0023 TS 22.101 TS 24.008. Annex-M	TEC ER No. TEC47722301
			Mobile Emergency Support- Panic Button G.S.R. No. 436 (E) 3GPP TS 22.101 C.S0023, Annex M	TEC ER No. TEC47722301
			SAR Display for Mobile Handset Annex-M	TEC ER No. TEC47722301
			Interface: GSM/GPRS/ EDGE	Frequency of Operation (Annex-F) Clause F.2
		Transmitter Output Power and Burst Timing 3GPP TS 51 010-1 Clause- 13.3 or EN 301 511 Clause- 4.2.5		TEC ER No. TEC47722301
		Transmitter Output Power in GPRS Multi-Slot Configuration 3GPP TS 51 010-1 Clause- 13.16.2 or EN 301 511 Clause- 4.2.10		TEC ER No. TEC47722301
		Transmitter - Output RF Spectrum for GSM 3GPP TS 51 010-1 Clause- 13.4 or EN 301 511 (GSM) Clause- 4.2.6		TEC ER No. TEC47722301

***The validity of Certificate is up to 29/08/2026 or the continued validity of NABL Accreditation, whichever is earlier.**

SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Mobile User Equipment	Interface: GSM/GPRS/EDGE	
		Output RF Spectrum in GPRS Multi-Slot Configuration 3GPP TS 51 010-1 Clause- 13.16.3 or EN 301 511 Clause- 4.2.11	TEC ER No. TEC47722301
		Conducted Spurious Emissions - MS allocated a channel 3GPP TS 51 010-1 Clause- 12.1.1 or EN 301 511 Clause- 4.2.12	TEC ER No. TEC47722301
		Conducted Spurious Emissions - MS in idle mode 3GPP TS 51 010-1 Clause- 12.1.2 or EN 301 511 Clause- 4.2.13	TEC ER No. TEC47722301
		Transmitter-Frequency Error and Phase Error 3GPP TS 51 010-1 Clause- 13.1 or EN 301 511 Clause- 4.2.1	TEC ER No. TEC47722301
		Frequency Error and Phase Error in GPRS Multi-Slot Configuration 3GPP TS 51 010-1 Clause- 13.16.1 or EN 301 511 Clause- 4.2.4	TEC ER No. TEC47722301
		Reference Sensitivity- TCH/FS (Speech Channels) 3GPP TS 51 010-1 Clause- 14.2.1 or EN 301 511 Clause- 4.2.42	TEC ER No. TEC47722301

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SCOPE OF DESIGNATION

(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification	
	Mobile User Equipment	Interface: GSM/GPRS/ EDGE	Adjacent Channel Rejection – TCH/FS (Speech Channels) 3GPP TS 51 010-1 Clause- 14.5.1 or EN 301 511 (GSM) Clause- 4.2.38	TEC ER No. TEC47722301
			Receiver Blocking and Spurious response –Speech Channels 3GPP TS 51 010-1 Clause- 14.7.1 or EN 301 511 Clause- 4.2.20	TEC ER No. TEC47722301
		Interface: WCDMA or HSPA	Frequency of Operation (Annex-F) Clause F.3	TEC ER No. TEC47722301
			Transmitter Maximum Output Power 3GPP TS 34.121-1 Clause- 5.2 OR EN 301 908-2 Clause- 4.2.2	TEC ER No. TEC47722301
			Transmitter Spectrum Emissions Mask 3GPP TS 34.121-1 Clause- 5.9 OR EN 301 908-2 Clause- 4.2.3	TEC ER No. TEC47722301
			Transmitter Spurious Emissions 3GPP TS 34.121-1 Clause- 5.11 OR EN 301 908-2 Clause- 4.2.4	TEC ER No. TEC47722301
			Receiver Spurious Emission 3GPP TS 34.121-1 Clause- 6.8 OR EN 301 908-2 Clause- 4.2.10	TEC ER No. TEC47722301

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SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification	
	Mobile User Equipment	Interface: WCDMA or HSPA	Transmitter Minimum Output Power 3GPP TS 34.121-1 Clause-5.4.3 OR EN 301 908-2 Clause- 4.2.5	TEC ER No. TEC47722301
			Receiver Reference Sensitivity level 3GPP TS 34.121-1 Clause- 6.2 OR EN 301 908-2 Clause- 4.2.13	TEC ER No. TEC47722301
			Receiver Adjacent Channel Selectivity(ACS) 3GPP TS 34.121-1 Clause 6.4 OR EN 301 908-2 Clause- 4.2.6	TEC ER No. TEC47722301
			Receiver Blocking Characteristic 3GPP TS 34.121-1 Clause- 6.5.2.1 OR EN 301 908-2 Clause- 4.2.7	TEC ER No. TEC47722301
		Interface: LTE or LTE-A	Frequency of Operation (Annex-F) Clause F.4	TEC ER No. TEC47722301
			Maximum Output Power 3GPP TS 36.521-1 Clause- 6.2.2 OR EN 301 908-13 Clause- 4.2.2 except 4.2.2.3	TEC ER No. TEC47722301
			Transmitter Spectrum Emissions Mask 3GPP TS 36.521-1 Clause- 6.6.2.1 OR EN 301 908-13 Clause- 4.2.3 except 4.2.3.3	TEC ER No. TEC47722301

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SCOPE OF DESIGNATION

(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification	
	Mobile User Equipment	Interface: LTE or LTE-A	Transmitter Spurious Emissions 3GPP TS 36.521-1 Clauses- 6.6.3.1, 6.6.3.2, 6.6.3.3 OR EN 301 908-13 Clause- 4.2.4.1 except 4.2.4.3	TEC ER No. TEC47722301
			Receiver Spurious Emissions 3GPP TS 36.521-1 Clause- 7.9 OR EN 301 908-13 Clause- 4.2.10	TEC ER No. TEC47722301
			Receiver Reference Sensitivity level 3GPP TS 36.521-1 Clause- 7.3 OR EN 301 908-13 Clause- 4.2.12	TEC ER No. TEC47722301
			Receiver Adjacent Channel Selectivity (ACS) 3GPP TS 36.521-1 Clause- 7.5 OR EN 301 908-13 Clause- 4.2.6	TEC ER No. TEC47722301
			Receiver Blocking Characteristic 3GPP TS 36.521-1 Clause- 7.6.1 OR EN 301 908-13 Clause- 4.2.7	TEC ER No. TEC47722301
2.	All Equipment's Operating with 2.4 GHz, 5GHz Band	Parameters linked with Product variant	Designation of Centre Frequencies and ETSI EN 302 502 Clause No. 4.2.1	TEC ER No. TEC59432301
			Frequency Error ETSI EN 302 502 Clause No. 5.4.2	TEC ER No. TEC59432301
			Transmitter RF Output Power ETSI EN 302 502 Clause No. 4.2.2	TEC ER No. TEC59432301

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification	
	All Equipment's Operating with 2.4 GHz, 5GHz Band	Parameters linked with Product variant EIRP and EIRP Spectral Density (Conductive only) ETSI EN 302 502 Clause No. 5.4.3	TEC ER No. TEC59432301	
		Transmitter Unwanted Emissions ETSI EN 302 502 Clause No. 4.2.3 & 5.4.4	TEC ER No. TEC59432301	
		Receiver Spurious Emission ETSI EN 302 502 Clause No. 4.2.5 & 5.4.5	TEC ER No. TEC59432301	
		Receiver Blocking ETSI EN 302 502 Clause No. 4.2.7 & 5.4.7.2	TEC ER No. TEC59432301	
3.	LAN Switch	Interface: 10/100/1000 BASE-T Ethernet Link Speed and Auto Negotiation Test GE IEEE 802.3 Annex-H	TEC ER No. TEC37942304	
		Interface:1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38, Annex-H	TEC ER No. TEC37942304
			Receiver Sensitivity IEEE 802.3z Cl. 38, Annex-H	TEC ER No. TEC37942304
			Wavelength IEEE 802.3z Cl. 38, Annex-H	TEC ER No. TEC37942304
		Interface:10G Optical Ethernet	Average Launch Power IEEE 802.3ae Cl. 52, Annex-H	TEC ER No. TEC37942304
			Receiver Sensitivity IEEE 802.3ae Cl. 52, Annex-H	TEC ER No. TEC37942304

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SCOPE OF DESIGNATION

(ANNEXURE)

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198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
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	LAN Switch	Interface:10G Optical Ethernet	Wavelength IEEE 802.3ae Cl. 52, Annex-H	TEC ER No. TEC37942304
		Interface:100G Optical Ethernet	Average Launch Power IEEE 802.3ba Cl. 86,88, Annex-H	TEC ER No. TEC37942304
			Receiver Sensitivity IEEE 802.3ba Cl. 86,88, Annex-H	TEC ER No. TEC37942304
			Wavelength IEEE 802.3ba Cl. 86,88, Annex-H	TEC ER No. TEC37942304
		Interface:40G Optical Ethernet	Average Launch Power IEEE 802.3ba Cl. 86,87, Annex-H	TEC ER No. TEC37942304
			Receiver Sensitivity IEEE 802.3ba Cl. 86,87, Annex-H	TEC ER No. TEC37942304
			Wavelength IEEE 802.3ba Cl. 86,87, Annex-H	TEC ER No. TEC37942304
		Interface: Fast Ethernet Optical	Average Launch Power IEEE 802.3u, Annex-H	TEC ER No. TEC37942304
			Receiver Sensitivity IEEE 802.3u, Annex-H	TEC ER No. TEC37942304
			Wavelength IEEE 802.3u, Annex-H	TEC ER No. TEC37942304

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SCOPE OF DESIGNATION

(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
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Certificate Number: TEC/MRA/CAB/IND-D/69-I

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
4.	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		

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SCOPE OF DESIGNATION

(ANNEXURE)

Laboratory Name: M/s Alpha Test House, Bahadurgarh (Haryana)
 198-199, M.I.F. Phase-1, Bhadurgarh-124507 Haryana

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

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Validity: 30/08/2023 to 29/08/2026

Last Amended on: ----

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

Signed by Sanjay Bhardwaj

Date: 30-08-2023 15:55:14

Reason: Approved
 AD (CA), TEC

***The validity of Certificate is up to 29/08/2026 or the continued validity of NABL Accreditation, whichever is earlier.**