



**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 Electronics Regional Test Laboratory (North), New Delhi.**  
has been assessed and designated as Conformity Assessment Body (CAB)  
for its facilities at

**S-Block, Okhla Industrial Area, Phase-II, New Delhi-110020**  
**In the field of Testing**

**Certificate No. TEC/MRA/CAB/IND-D/56**

**Issue Date: 25/07/2025**

**Validity: 30/07/2025 to 29/07/2028**

**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](http://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/56 dated 25/07/2025 issued to  
M/s Electronics Regional Test Laboratory (North), New Delhi  
S-Block, Okhla Industrial Area, Phase-II, New Delhi-110020**



**Validity: - 30/07/2025 to 29/07/2028**

### **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 recognized 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 Organizational 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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## **SCOPE OF DESIGNATION** **(ANNEXURE)**

**Laboratory Name:** M/s Electronics Regional Test Laboratory (North), New Delhi  
S-Block, Okhla Industrial Area, Phase-II, New Delhi-110020

**Certificate Number:** TEC/MRA/CAB/IND-D/56

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**Validity:** 30/07/2025 to 29/07/2028

**Last Amended on:** ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
1.	<b>Information Technology-Equipment-Safety Requirement</b>	Components Clause- 1.5	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Power Interface Clause- 1.6	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Verification of Marking and Instruction Clause- 1.7	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Protection from Electric Shock and Energy Hazards Clause- 2.1	IEC 60950-1: 2005+ A1:2009 + A2:2013
		SELV Circuits Clause- 2.2	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Limited Current Circuits Clause- 2.4	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Limited Power Source Clause- 2.5	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Provisions for Earthing and Bonding Clause- 2.6	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Over-Current and Earth Fault Protection in Primary Circuits Clause- 2.7	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Safety Interlocks Clause-2.8	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Electric Insulation Clause- 2.9	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Clearances and Creepage Distances and Distances through insulation Clause- 2.10	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Wiring, Connection and Supply Clause- 3.1	IEC 60950-1: 2005+ A1:2009 + A2:2013

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**Last Amended on:** ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	<b>Information Technology-Equipment-Safety Requirement</b>	Connection to a Main Supply Clause 3.2	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Wiring Terminals for Connection of External Conductors Clause- 3.3	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Disconnection from the Main Supply Clause- 3.4	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Interconnection of Equipment Clause- 3.5	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Stability Clause- 4.1	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Mechanical Strength Clause- 4.2	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Design and Construction Clause 4.3	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Protection against Hazardous Moving Parts Clause- 4.4	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Thermal Requirements Clause- 4.5	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Opening 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 Clause- 5.1	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Electric Strength Clause- 5.2	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
	<b>Information Technology-Equipment-Safety Requirement</b>	Abnormal Operating and Fault Conditions Clause- 5.3	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Connection to the Telecommunication Network Clause- 6.1 -6.3	IEC 60950-1: 2005+ A1:2009 + A2:2013
		Connection to Cable Distribution Systems (Clause 7 except 7.4.2)	IEC 60950-1: 2005+ A1:2009 + A2:2013
<b>2.</b>	<b>EMI/EMC Testing</b>	Conducted Emission CISPR 22	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Emission CISPR 11	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Emission CISPR 32	TEC/SD/DD/EMC-221/05/OCT-16
		Radiated Emission CISPR 11	TEC/SD/DD/EMC-221/05/OCT-16
		Radiated Emission CISPR 22	TEC/SD/DD/EMC-221/05/OCT-16
		Radiated Emission CISPR 32	TEC/SD/DD/EMC-221/05/OCT-16
		Electrostatic Discharge (ESD) IEC 61000-4-2	TEC/SD/DD/EMC-221/05/OCT-16
		Electrostatic Fast Transient (EFT)/ Burst Immunity Test IEC 61000-4-4	TEC/SD/DD/EMC-221/05/OCT-16
		Surge Immunity Test IEC 61000-4-5	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Immunity Test IEC 61000-4-6	TEC/SD/DD/EMC-221/05/OCT-16
		Voltage Dips & Interruption IEC 61000-4-11	TEC/SD/DD/EMC-221/05/OCT-16

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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	<b>EMI/EMC Testing</b>	Voltage Dips & Interruption IEC 61000-4-29	TEC/SD/DD/EMC-221/05/OCT-16
		Telecom Surge ITU-T K.20	TEC/SD/DD/EMC-221/05/OCT-16
		Telecom Surge ITU-T K.21	TEC/SD/DD/EMC-221/05/OCT-16
		Telecom Surge ITU-T K.41	TEC/SD/DD/EMC-221/05/OCT-16
<b>3.</b>	<b>Environmental Testing</b>	Cold Test	QM-333 ISSUE MARCH 2010
		Dry heat Test	QM-333 ISSUE MARCH 2010
		Damp Heat Test (Cyclic)	QM-333 ISSUE MARCH 2010
		Temperature Cycling /Change of Temperature	QM-333 ISSUE MARCH 2010
		Damp Heat Test (Steady State)	QM-333 ISSUE MARCH 2010
		Vibration Test	QM-333 ISSUE MARCH 2010
		Salt Mist Test	QM-333 ISSUE MARCH 2010
		Bump Test	QM-333 ISSUE MARCH 2010

**AD (CA-II), TEC**

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