

**GOVERNMENT OF INDIA  
MINISTRY OF COMMUNICATIONS  
DEPARTMENT OF TELECOMMUNICATIONS  
TELECOMMUNICATION ENGINEERING CENTRE**  
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001



**SCOPE OF DESIGNATION**  
**(ANNEXURE)**

**Laboratory Name: M/s Electronics Regional Test Laboratory (East), Kolkata  
Block-DN 63, Sector-V, Salt Lake City, Kolkata – 700091**

**Certificate Number: TEC/MRA/CAB/IND-D/64**

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**Validity: 08/09/2023 to 07/09/2026\***

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

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
1.	<b>Environmental Testing of Telecom Equipment</b>	Low Temperature Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		High Temperature Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Damp Heat (Steady State) Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Tropical Exposure (Damp Heat Cyclic) Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Vibration Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Salt Spray Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Bump Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Drop and Topple Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Fall Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)
		Rapid Temperature Cycling Test	TEC 14016:2010 (Old No. QM-333 Issue March 2010)

**\*The validity of Certificate is up to 07/09/2026 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
2.	<b>Information Technology Equipment- Safety Requirement-</b>	Input Current Clause- 1.6.2	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Durability Clause- 1.7.11	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Protection from Hazards Clause- 2 except 2.3.1	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Wiring and Connections Clause- 3	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Physical Requirements Clause- 4 except 4.2.8, 4.3.12, 4.3.13.3, 4.3.13.4, 4.3.13.5	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Electrical Requirements and Simulated Abnormal Condition Clause- 5	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Connection to Telecommunication Networks Clause- 6	IEC 60950-1: 2005 + A1:2009 +A2:2013
		Connection to Cable Distribution System Clause- 7	IEC 60950-1: 2005 + A1:2009 +A2:2013

**Signed by Sanjay Bhardwaj**

**Date: 11-09-2023 11:04:34**

**Reason: Approved**

**AD (CA), TEC**

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