

Laboratory RBEI Reliability Testing Laboratory, Robert Bosch Engineering and Business Solutions Private Limited, CHIL SEZ Unit Keeranatham Village, Coimbatore, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6427

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Validity 30.01.2018 to 29.01.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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ELECTRICAL TESTING

I.	ENVIRONMENTAL TEST FACILITY			
1.	Road Vehicles	Low temperature Storage	ISO 16750 (Part 4) Cl. No. 5.1.1.1 IEC 60068-2-1	Qualitative [(-)40°C to 0°C]
		Low temperature Operation	ISO 16750 (Part 4) Cl. No. 5.1.1.2 IEC 60068-2-1	Qualitative [(-)40°C to 0°C]
		High temperature Storage	ISO 16750 (Part 4) Cl. No. 5.1.2.1 IEC 60068-2-2	Qualitative (Ambient to 125°C)
		High temperature Operation	ISO 16750 (Part 4) Cl. No. 5.1.2.2 IEC 60068-2-2	Qualitative (Ambient to 125°C)
		Temperature Step	ISO 16750 (Part 4) Cl. No. 5.2	Qualitative [(-)40°C to 125°C]
		Temperature Cycling	ISO 16750 (Part 4) Cl. No. 5.3.1 IEC60068-2-14 Test Nb	Qualitative [(-)40°C to 125°C]
		Rapid change of temperature with specified transition duration	ISO 16750 (Part 4) Cl. No. 5.3.2 IEC60068-2-14 Test Na	(-)40°C to 125°C
		Damp heat cyclic	ISO 16750 (Part 4) Cl. No. 5.6.2.2 IEC 60068-2-30	Qualitative [(-)40°C to 85°C 30 % R.H to 95 % R.H.]
		Composite temperature/ humid cyclic	ISO 16750 (Part 4) Cl. No. 5.6.2.3 IEC 60068-2-38	Qualitative [(-)40°C to 85°C 30 % R.H to 95 % R.H.]
		Dewing	ISO 16750 (Part 4) Cl. No. 5.6.2.4	Qualitative [(-)40°C to 85°C 30 % R.H to 95 % R.H.]

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