



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS REGIONAL TEST LABORATORY (EAST), BLOCK DN 63,
SECTOR V, SALT LAKE, KOLKATA, 24 PARGANAS (N), WEST BENGAL,
INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5637

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Validity 14/03/2025 to 13/03/2029

Last Amended on 05/06/2025

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Error and Interpretation of Test Results	CL No. 11.1 & 12.16 of IS 13779
123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Vibration Test (Bandwidth: 5 Hz to 3000 Hz , Maximum sine acceleration (Peak): 40 g)	CL. No. 12.3.2 of IS 13779
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Visual Inspection	CL. No. 7 of IS 13779
125	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat, Steady State (Chamber Size: 1m x 1m x 1m)	IS/ IEC 60068-2-78
126	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Topple Test	JSS 55555
127	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Bump	JSS 55555
128	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Bump/ Roadability	TEC 14016
129	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Change of Temperature (Chamber Size: 1m x 1m x 1m)	IS/ IEC 60068-2-14
130	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Cold (Chamber Size: 1m x 1m x 1m)	IS/ IEC 60068-2-1
131	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Corrosion (Salt)- Chamber Size with cover: (1.2m x 1.6m x 0.68m)	TEC 14016
132	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Corrosion (Salt/ Salt Fog)- Chamber Size with cover: (1.2m x 1.6m x 0.68m)	JSS 55555
133	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat (Chamber Size: 1m x 1m x 1m)	JSS 55555
134	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat (Cyclic) (Chamber Size: 1m x 1m x 1m)	IS 9000 (Part 5)
135	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat (Steady State) (Chamber Size: 1m x 1m x 1m)	IS 9000 (Part 4)

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136	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat (Steady State) (Chamber Size: 1m x 1m x 1m)	TEC 14016
137	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Damp Heat, Cyclic (Chamber Size: 1m x 1m x 1m)	IS/ IEC 60068-2-30
138	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Drop Test	JSS 55555
139	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Drop, Topple and Fall Test	IS 9000 Part -7/Sec -3
140	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Drop, Topple and Fall Test	IS/ IEC 60068-2-31
141	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Drop, Topple and Fall Test	TEC 14016
142	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Dry Heat (Chamber Size: 1m x 1m x 1m)	IEC 60068-2-2
143	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Dry Heat Test (Chamber Size: 1m x 1m x 1m)	IS 9000 (Part 3)
144	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	High Temperature (Chamber Size: 1m x 1m x 1m)	JSS 55555
145	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	High Temperature (Chamber Size: 1m x 1m x 1m)	TEC 14016
146	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (1st Numeral 1-6) - Dust Chamber Size: (1.5m x 1.5m x 1.5m)	IS/IEC 60947-1
147	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (1st Numeral 1-6)- Dust Chamber Size: (1.5m x 1.5m x 1.5m)	IS/IEC 60034-5
148	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (1st Numeral 1-6): Dust Chamber Size: (1.5m x 1.5m x 1.5m)	IS /IEC 60529
149	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (2nd Numeral 1-8)	IS/ IEC 60034-5



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150	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (2nd Numeral 1-8)	IS/ IEC 60529
151	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Ingress Protection (2nd Numeral 1-8)	IS/IEC 60947-1
152	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Low Temperature (Chamber Size: 1m x 1m x 1m)	JSS 55555
153	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Low Temperature(Cold Cycle)(Chamber Size: 1m x 1m x 1m)	TEC 14016
154	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Rapid temperature cycle (Chamber Size: 1m x 1m x 1m)	TEC 14016
155	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Rapid Temperature Cycling (Thermal Shock)	JSS 55555
156	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Salt Mist- Chamber Size with cover: (1.2m x 1.6m x 0.68m)	IEC 60068-2-11
157	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Salt Mist Test - Chamber Size with cover: (1.2m x 1.6m x 0.68m)	IS 9000 (Part 11)
158	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Salt Mist, Cyclic (Sodium Chloride Solution)	IEC 60068-2-52
159	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Salt Spray - Chamber Size with cover: (1.2m x 1.6m x 0.68m)	IS: 9844
160	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Shock and Vibration Test (Vibration Test Spec: Bandwidth: 5 Hz to 3000 Hz , Maximum Sine Acceleration (Peak): 40 g & Shock Test Spec: Waveform : Half-Sine, Pulse Width: 03 ms to 30 ms, Peak Acceleration: 40 g)	IEC 61373
161	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Shock or Impact (Waveform: Half-sine, Pulse width Range: 03 ms to 30 ms, Peak Acceleration: 40 g)	JSS 55555
162	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Shock Test (Waveform: Half-sine, Pulse width Range: 03 ms to 30 ms, Peak Acceleration: 40 g)	IEC 60077-1

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163	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Shock Test (Waveform: Half-sine, Pulse width Range: 03 ms to 30 ms, Peak Acceleration: 40 g)	IS 9000 (Part VII) Sec I
164	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Shock Test (Waveform: Half-sine, Pulse width Range: 03 ms to 30 ms, Peak Acceleration: 40 g)	IS/ IEC 60068-2-27
165	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Tropical Exposure (Chamber Size: 1m x 1m x 1m)	JSS 55555
166	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Tropical Exposure (Damp Heat Cyclic) : (Chamber Size: 1m x 1m x 1m)	TEC 14016
167	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Vibration (Sinusoidal , Bandwidth: 1 Hz to 3000 Hz , Maximum Sine Acceleration (Peak): 40 g))	IS/ IEC 60068-2-6
168	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Vibration (Sinusoidal , Bandwidth: 5 Hz to 3000 Hz , Maximum Sine Acceleration (Peak): 40 g))	JSS 55555
169	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Vibration (Sinusoidal , Bandwidth: 5 Hz to 3000 Hz , Maximum Sine Acceleration (Peak): 40 g))	TEC 14016
170	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Vibration, Broadband Random and Guidance	IEC 60068-2-64
171	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electrical Apparatus Including Sub-Assemblies, Accessories and Component	Vibration: Random	JSS 55555
172	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video and Similar Electronic Apparatus	Components Verification	Cl.14,(14.1 to 14.13) Annex G, Annex L of IEC 60065 /IS 616
173	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video and similar Electronic apparatus	Conduct of Tests	Cl.4.4.1(CL 4.1.1 to CL 4.1.7) of IEC 60065 /IS 616
174	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video and similar Electronic apparatus	Constructional Requirements / with regard to the protection against electric shock (Measurement)	Cl 8.17 of IEC 60065 /IS 616
175	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video and similar Electronic apparatus	Constructional Requirements / with regard to the protection against electric shock	Cl 8.17 of IEC 60065 /IS 616