



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-16508	<b>Page No</b>	1 of 4
<b>Validity</b>	31/07/2025 to 30/07/2029	<b>Last Amended on</b>	-

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
Permanent Testing				
1	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold test	IEC 60068-2-1
2	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	IS 9000-2-1 to 4
3	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	JSS 55555
4	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	QM 333
5	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test, IR and HV test	IEC 60068-2-30
6	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test, IR and HV test	JSS55555
7	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test, IR and HV test	QM333
8	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test, IR and HV test	IS 9000-5-1 & 2
9	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test, IR and HV test	IEC 60068-2-67
10	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test, IR and HV test	IS 9000-4
11	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test, IR and HV test	JSS 55555



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-16508	<b>Page No</b>	2 of 4
<b>Validity</b>	31/07/2025 to 30/07/2029	<b>Last Amended on</b>	-

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
12	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test, IR and HV test	QM333
13	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	IS 9000-7-3
14	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	JSS 55555
15	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	QM333
16	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	IEC 60068-2-2
17	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	IS 9000-3-1 to 5
18	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	JSS 55555
19	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	QM333
20	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall repeated	IEC 60068-2-32
21	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall repeated	IS 9000-7-5
22	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall test	IEC 60068-2-32
23	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall test	IS 9000-7-4



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-16508	<b>Page No</b>	3 of 4
<b>Validity</b>	31/07/2025 to 30/07/2029	<b>Last Amended on</b>	-

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
24	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water), IR and HV test	IEC 60947
25	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water), IR and HV test	IEC 60947 / IS/IEC 60947
26	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water), IR and HV test	IS 12063
27	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water), IR and HV test	IS 13947
28	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water), IR and HV test.	IEC 60529
29	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	IEC 60068-2-68
30	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	IS 9000-8
31	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	JSS 55555
32	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	QM333
33	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Shock test	IEC 60068-2-27





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-16508	<b>Page No</b>	4 of 4
<b>Validity</b>	31/07/2025 to 30/07/2029	<b>Last Amended on</b>	-

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
34	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Shock test	IS 9000-7-1
35	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (Random)	IEC 60068-2-55
36	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (Random)	JSS 55555
37	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	IEC 60068-2-6
38	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	IS 9000-8
39	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	JSS 55555
40	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	QM333
41	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/Electronic/Electro-mechanical equipments/devices/components/Information Technology equipment	Shock test	IEC 60068-2-27