National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENTAL TEST LABORATORY, DATA PATTERNS (INDIA) LIMITED, PLOT #H9, FOURTH MAIN ROAD, SIPCOT IT PARK, SIRUSERI, CHENNAI, KANCHIPURAM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7733 **Page No** 1 of 3

Validity 21/10/2021 to 15/08/2023 **Last Amended on** -

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 Facility				
1	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electrical Items	Cold (Low Temperature)	JSS 55555
2	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Item	Dry Heat (High Temperature)	DO 160G
3	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Item	Dry Heat (High Temperature)	JSS 55555
4	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Cold (Low temperature)	DO 160G
5	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Cold (Low Temperature)	JSS 0256
6	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Cold (Low Temperature)	MIL-STD-810H, Method 502.7
7	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Damp Heat (Steady State)	JSS 55555
8	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Dry Heat (High Temperature)	JSS 0256
9	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Dry Heat (High Temperature)	MIL-STD-810H, Method 501.7
10	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Humidity	DO 160G
11	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Humidity	MIL-STD-810H, Method 507.6
12	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Random on Random Vibration	MIL-STD-810H, Method 514.8
13	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Random Vibration	DO 160G

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Accreditation Standard ISO/IEC 17025:2017

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Validity 21/10/2021 to 15/08/2023 **Last Amended on** -

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14	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Random Vibration	JSS 55555
15	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Random Vibration	MIL-HDBK-2164A, Para 5.1.1
16	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Random Vibration	MIL-STD-810H, Method 514.8
17	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Rapid Thermal Cycling (Thermal Shock)	JSS 55555
18	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Shock Test	DO 160G
19	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Shock Test	JSS 0256
20	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Shock Test	JSS 55555
21	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Shock Test	MIL-STD-810H, Method 516.8
22	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Sine Vibration	DO 160G
23	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Sine Vibration	JSS 55555
24	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Sine Vibration	MIL-STD-810H, Method 514.8
25	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Temperature Shock (Thermal Shock)	JSS 0256-01
26	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Thermal Cycling	MIL-HDBK-2164A, Para 5.1.2
27	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Tropical Exposure	JSS 0256

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28	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Items	Tropical Exposure	JSS 55555
29	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Items	Sine on Random Vibration	MIL-STD-810H, Method 514.8
30	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Items	Temperature shock (Thermal Shock)	MIL-STD-810H, Method 503.7