National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENTAL TEST LAB,AVANTEL LIMITED, PLOT NO. 47/P, APIIC INDUSTRIAL PARK, GAMBHEERAM (V), ANANDAPURAM (M), VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7078 **Page No** 1 of 2

Validity 20/03/2022 to 19/03/2024 **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 / Electronic / IT / Medical Equipment	Altitude Test	JSS 55555 (Test Number 3)
2	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Altitude Test	MIL-STD-810G (Method 500.6
3	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Bench Handling Shock	MIL-STD-810G (Method 516.7)
4	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Combined Altitude Temperature Humidity (CATH Test)	MIL-STD-810G (Method 520.4)
5	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Damp Heat	JSS 55555 (Test Number 10)
6	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	High Temperatue	MIL-STD-810G (Method 501.6)
7	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	High Temperature	JSS 55555 (Test Number 17)
8	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	High Temperature	RTCA/DO 160D/E/F, Section: 4 CAT B
9	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Humidity	MIL-STD-810G (Method507.6)
10	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Humidity	RTCA DO-160D/E/F, Section 6, CAT B
11	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Low Air Pressure Test / Altitude Test / CATH test	RDCA/DO160D/E/F, Section 4 CAT B
12	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Low Temperature	DO 160D//E/F, Section: 4
13	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Low Temperature	JSS 55555(Test Number 20)

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14	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Low Temperature	MIL-STD 810G (Method 502.6)
15	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Mechanical Shock Test	JSS 55555 (Test Number 24)
16	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Mechanical Shock Test	RTCA/DO160D/E/F, Section 7, CAT B
17	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Mechanical Shock Test	MIL-STD-810G (Method 516.7)
18	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Rapid Temperature Cycling (Thermal Shock)	JSS 55555 (Test Number 22)
19	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Temperature Shock	MIL-STD-810G (Method 503.6)
20	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Temperature Variation	RTCA DO-160D/E/F, Section 5 CAT B
21	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Tropical Exposure	JSS 55555 (Test Number 27)
22	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Vibration Test	JSS 55555 (Test Number 28)
23	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Vibration Test	MIL-STD-810G (Method 514.7) . Sine and Random only
24	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic / IT / Medical Equipment	Vibration Test	RTCA/DO160D/E/F, Section 8, CAT B