



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAMS ADVANCED CLIMATIC TECHNOLOGIES PRIVATE LIMITED - TESTING LABORATORY, PLOT NO. 8 & 9B/29, MIRRA INDUSTRIAL ESTATE, PHASE-1, IDA PATENCHERU, HYDERABAD, SANGAREDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 23/11/2023 to 22/11/2025 **Last Amended on** 03/02/2024

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	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Cold (Low Temperature)	MIL-STD-810G_CHG-1 (Test Number 502.6)
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Damp Heat Cyclic	MIL-STD-810G_CHG-1 (Test Number 507.6)
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Damp Heat Steady State	MIL-STD-810G_CHG-1 (Test Number 507.6)
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Dry Heat (High Temperature)	MIL-STD-810G_CHG-1 (Test Number 501.6)
5	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Salt Mist / Salt Fog/ Salt Spray Tests	MIL-STD-810G_CHG-1 (Test Number 509.6)
6	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Shock (Half Sine)	MIL-STD-810G_CHG1 (Method 516)
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	MIL-STD-810G_CHG-1 (Test Number 503.6)
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	All materiel developed for military or commercial applications	Vibration (Random)	MIL-STD-810G_CHG-1 (Method 514.7)
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Cold tests applicable to both non-heat-dissipating and heat-dissipating specimens	Cold (Low Temperature)	IEC 60068-2-1
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Control and indicating equipment`s for fire detection and alarm system	Cold (Low Temperature)	IS 15908
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Control and indicating equipment`s for fire detection and alarm system	Damp Heat Steady State	IS 15908
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Control and indicating equipment`s for fire detection and alarm system	Dry Heat (High Temperature)	IS 15908
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Control and indicating equipment`s for fire detection and alarm system	Vibration (Sinusoidal)	IS 15908



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14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	IEC 60068-2-14
15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Cold (Low Temperature)	CEI EN 50125-3
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Cold (Low Temperature)	IEC 62498-1
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Cold (Low Temperature)	JSS 0256-01 Rev2 (Test Number 2)
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Cold / Low Temperature / Cooling Test	BS EN 50155
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Composite Temperature Humidity Cyclic	IEC 60068-2-38
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Composite Temperature Humidity Cyclic	IS 9000 (Part 6)
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Composite Temperature Humidity Cyclic	MIL-STD-331C (Method C1)
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Cyclic	CEI EN 50125-3
23	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Cyclic	IEC 60068-2-30
24	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Cyclic	IEC 62498-1
25	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Cyclic	IS 9000 (Part 5/Sec 1 and 2)
26	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Cyclic	BS EN 50155



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27	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	BS EN 50155
28	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	CEI EN 50125-3
29	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	IEC 60068-2-67
30	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	IEC 60068-2-78
31	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	IEC 62498-1
32	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	IS 9000 (Part 4)
33	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Damp Heat Steady State	MIL-STD- 202H_Consolidated (Method 103)
34	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	BS EN 50155
35	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	CEI EN 50125-3
36	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	IEC 60068-2-2
37	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	IEC 62498-1
38	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	IS 9000 (Part 3/Sec 1 to 5)
39	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	JSS 0256-01 Rev2 (Test Number 1)
40	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	MIL-STD- 202H_Consolidated (Method 108)



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41	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Dry Heat (High Temperature)	MIL-STD-883K w/Change2 (Method 1005.11, 1006, 1008.2, 1015.12)
42	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Moisture Resistance	MIL-STD- 202H_Consolidated (Method 106)
43	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Moisture Resistance	MIL-STD-883K w/Change2 (Method 1004.7)
44	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	JSS 0256-01 (Revision No. 1) Test No.12
45	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	ASTM B117
46	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	BS EN 50155
47	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	IEC 60068-2-11
48	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	IEC 60068-2-52
49	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	IS-9000:part 11
50	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	ISO 9227
51	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	MIL-STD-331C
52	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Salt Mist / Salt Fog/ Salt Spray Tests	QM 333/ISSUED DATED MARCH 2010 Test No 9
53	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	BS EN 60068-2-27
54	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	BS EN 50155



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55	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	BS EN 61373
56	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	CEI EN 50125-3
57	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	IEC 60068-2-27
58	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	IEC 61373
59	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	IEC 62498-1
60	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	IS 9000 (Part 7/Sec1)
61	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	JIS C 60068-2-27
62	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	JSS 0256-01 Rev2 (Test Number 18)
63	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Shock (Half Sine)	MIL-STD-883K w/Change2 (Method 2002.5)
64	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	CEI EN 50125-1
65	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	IEC 60068-2-14
66	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	IS 9000 (Part 14/Sec 1 to 3)



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67	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	JSS 0256-01 Rev2 (Test Number 5)
68	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	JSS 1550-01
69	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	MIL-STD- 202H_Consolidated (Method 107)
70	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	MIL-STD-331C (Method C7)
71	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Tropical Exposure	JSS 0256-01 Rev2 (Test Number 4)
72	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	BS EN 50155
73	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	CEI EN 50125-2
74	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	CEI EN 50125-3
75	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	IEC 60068-2-55
76	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	IEC 60068-2-64
77	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	IEC 61373
78	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	IEC 62498-1



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79	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	JSS 0256-01 Rev 2 (Test Number 15)
80	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	MIL-HDBK-2164A
81	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	MIL-STD- 202H_Consolidated (Method 214)
82	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	MIL-STD-331C
83	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Random)	MIL-STD-883K w/Change2 (Method 2026)
84	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	EN 60068-2-6
85	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	IEC 60068-2-55
86	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	IEC 60068-2-6
87	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	IS 14257
88	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	IS 16723
89	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	IS 9000 (Part 8)
90	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	JIS D1601
91	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	JSS 0256-01 Rev 2 (Test Number 15)
92	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	MIL-STD- 202H_Consolidated (Method 201, 204)



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93	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	MIL-STD-331C
94	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products	Vibration (Sinusoidal)	MIL-STD-883k w/Change 2 (Method 2005.2, 2006.1, 2007.3)
95	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products & Batteries	Shock (Half Sine)	AIS-048
96	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products & Batteries	Thermal Shock Test by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	AIS-038 (Rev. 2)
97	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products & Batteries	Vibration (Sinusoidal)	AIS 048
98	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products & Batteries	Vibration (Sinusoidal)	AIS-038 (Rev. 2)
99	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Products & Batteries	Vibration (Sinusoidal)	IS 13514 (Part 4)
100	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	CEI EN 50125-3
101	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	IEC 62498-1
102	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	IS 9000 (Part 14/Sec 1 to 3)
103	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	MIL-HDBK-2164A
104	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	MIL-STD- 202H_Consolidated (Method 106)



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105	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	MIL-STD-331C (Method C6)
106	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronic and Mechanical Products	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	MIL-STD-883k w/Change 2 (Method 1010.9)
107	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Cold (Low Temperature)	JSS 55555 Rev3 (Test Number 20)
108	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Damp Heat Steady State	JSS 55555 Rev3 (Test Number 10)
109	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Dry Heat (High Temperature)	JSS 55555 Rev3 (Test Number 17)
110	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Rapid Temperature Cycling Test (Thermal Shock Test) by using (1) Auto Method: Single Chamber Method & (2) Manual Method: Two Chamber Method	JSS 55555 Rev3 (Test Number 22)
111	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Salt Mist / Salt Fog/ Salt Spray Tests	JSS 55555 Rev3 (Test Number 09)
112	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Shock (Half Sine)	JSS 55555 Rev 3 (Test Number 24)
113	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Tropical Exposure	JSS 55555 Rev3 (Test Number 27)
114	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Vibration (Random)	JSS 55555 Rev3 (Test Number 28)
115	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic and Electrical Equipment	Vibration (Sinusoidal)	JSS 55555 Rev3 (Test Number 28)
116	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	For Electronic and Electrical items	Cold (Low Temperature)	IS 9000 (Part 2/Sec 1 to 4)



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117	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Cold (Low Temperature)	JSS 1550-1
118	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Damp Heat Cyclic	JSS 1550-01
119	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Dry Heat (High Temperature)	JSS 1550-1
120	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Shock (Half Sine)	JSS 1550-01
121	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	JSS 1550-1
122	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	for LRUs of Airborne and Ground Systems of Unmanned Air Vehicles	Vibration (Random)	JSS 1550-1
123	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Heat sensitive (point) detectors for use in automatic fire alarm system.	Cold (Low Temperature)	IS 2175
124	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Heat sensitive (point) detectors for use in automatic fire alarm system	Damp Heat Steady State	IS 2175
125	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Heat sensitive (point) detectors for use in automatic fire alarm system	Dry Heat (High Temperature)	IS 2175
126	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Heat sensitive (point) detectors for use in automatic fire alarm system.	Vibration (Sinusoidal)	IS 2175
127	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Cold (Low Temperature)	CEI EN 50125-2
128	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Damp Heat Cyclic	CEI EN 50125-2
129	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Damp Heat Steady State	CEI EN 50125-2



National Accreditation Board for Testing and Calibration Laboratories

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Laboratory Name : SAMS ADVANCED CLIMATIC TECHNOLOGIES PRIVATE LIMITED - TESTING LABORATORY, PLOT NO. 8 & 9B/29, MIRRA INDUSTRIAL ESTATE, PHASE-1, IDA PATENCHERU, HYDERABAD, SANGAREDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10092 **Page No** 11 of 12

Validity 23/11/2023 to 22/11/2025 **Last Amended on** 03/02/2024

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
130	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Dry Heat (High Temperature)	CEI EN 50125-2
131	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Shock (Half Sine)	CEI EN 50125-2
132	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway Applications - Environmental conditions for equipment	Thermal Cycling Test/ Rapid Temperature Cycling Test/ High and Low Temperature Cyclic Test	CEI EN 50125-2
133	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Rolling stock and on-board equipment	Cold (Low Temperature)	CEI EN 50125-1
134	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Rolling stock and on-board equipment	Damp Heat Cyclic	CEI EN 50125-1
135	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Rolling stock and on-board equipment	Damp Heat Steady State	CEI EN 50125-1
136	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Rolling stock and on-board equipment	Dry Heat (High Temperature)	CEI EN 50125-1
137	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Cold (Low Temperature)	IEC 60571
138	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Damp Heat Cyclic	IEC 60571
139	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Dry Heat (High Temperature)	IEC 60571
140	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Salt Mist / Salt Fog/ Salt Spray Tests	IEC 60571
141	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Shock (Half Sine)	IEC 60571
142	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Vibration (Random)	IEC 60571



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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
143	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Damp Heat Cyclic	JSS 50101 Rev1 (Test Number 5)
144	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Damp Heat Steady State	JSS 50101 Rev1 (Test Number 7)
145	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Moisture Resistance	JSS 50101 Rev1 (Test Number 6)
146	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Salt Mist / Salt Fog/ Salt Spray Tests	JSS 50101 (Revision No. 1) Test Number 04
147	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Shock (Half Sine)	JSS 50101 Rev1 (Test Number 12)
148	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Vibration (Random)	JSS 50101 Rev1 (Test Number 24)
149	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Standard procedures and conditions for Service electronic components.	Vibration (Sinusoidal)	JSS 50101 Rev1 (Method 23)