



Scope of Accreditation for Calibration

As per ISO/IEC 17025:2017

CAB Name: AMB Electronic System Tech Private Limited

Page No. 1 of 4

Address: 416, Kirti Shikhar Building, District Centre, Janakpuri, New Delhi
- 110058

Issue date : 11.09.2025

Validity : 10.09.2029

Certificate No.: C-0011

Amendment date: N/A

Sr. NO.	Parameter/Measurand quantity, Instrument or gauge	Range	Remarks/Method used	CMC	Facility
ELECTRO-TECHNICAL - DIRECT CURRENT (Source)					
1	DC Current	Using Process Meter BTH/C-9 By Direct Method	1 mA to 20 mA	0.86%	Permanent and site
2	DC Resistance	Using Process Meter BTH/C-9 & Decade Resistance Box By Direct Method	1 Ohm to 400 Ohm	5.9% to 4.8%	Permanent and site
3	DC Voltage	Using Process Meter BTH/C-9 by Direct Method	1 mV to 5 V	1.5 % to 0.50 %	Permanent and site
4	Insulation Resistance	Using Insulation Resistance Tester and Mega Ohm Box By Direct Method	2 Mohm to 20 Mohm	18%	Permanent and site
ELECTRO-TECHNICAL -TEMPERATURE SIMULATION (Measure)					
5	B Type	Using Process Meter BTH/C-9 by Direct Method	600 °C to 1800 °C	2.7°C	Permanent and site
6	E Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 490 °C	1.2°C	Permanent and site



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7	J Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 690 °C	1.0°C	Permanent and site
8	K Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 1300 °C	1.0°C	Permanent and site
9	R Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 1700 °C	1.8°C	Permanent and site
10	RTDpt100 Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 690 °C	1.0 °C	Permanent and site
11	S Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 1700 °C	2.1 °C	Permanent and site
12	T Type	Using Process Meter BTH/C-9 by Direct Method	-190 °C to 390 °C	1.0 °C	Permanent and site
ELECTRO-TECHNICAL -TEMPERATURE SIMULATION (Source)					
13	B Type	Using Process Meter BTH/C-9 by Direct Method	600 °C to 1800 °C	2.8°C	Permanent and site



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Sr. NO.	Parameter/Measurand quantity, Instrument or gauge	Range	Remarks/Method used	CMC	Facility
14	E Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 490 °C	1.0°C	Permanent and site
15	J Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 690 °C	1.0°C	Permanent and site
16	K Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 900 °C	1.0°C	Permanent and site
17	R Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 1700 °C	1.8°C	Permanent and site
18	RTDpt100 Type	Using Process Meter BTH/C-9 by Direct Method	-200 °C to 800 °C	1.3°C	Permanent and site
19	S Type	Using Process Meter BTH/C-9 by Direct Method	0 °C to 1700 °C	1.5°C	Permanent and site
20	T Type	Using Process Meter BTH/C-9 by Direct Method	-190 °C to 390 °C	1.2°C	Permanent and site

This is annexure to 'Certificate of Accreditation' and does not require any signature

Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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Sr. NO.	Parameter/Measurand quantity, Instrument or gauge	Range	Remarks/Method used	CMC	Facility
ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)					
21	Timer/Stop Watch	Using Timer and Time Calibrator by Direct Method	1 s to 600 s	0.050 s to 0.60	Permanent and site
22	Timer/Stop Watch	Using Timer and Time Calibrator by Direct Method	3600 s to 9990 s	8.0 s	Permanent and site
23	Timer/Stop Watch	Using Timer and Time Calibrator by Direct Method	600 s to 3600 s	1.9 s to 8.0 s	Permanent and site

Note: CMC in (\pm) at 95% confidence level