



ESSJAY TECHNOMEASURE PVT. LTD.

DOC No.: TM/CALI/04

(A House of Calibration Engineering & Allied Services)

AN NABL ACCREDITED, ISO 9001 & OHSAS 18001 CERTIFIED ORGANISATION

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CERTIFICATE NO.
CC-2628

Calibration Certificate

Issued to :
M/s. M.B. Control & Systems Pvt. Ltd.
31/1, Ahiripukur Road, Kolkata,
West Bengal, Pin: 700019

ULR No. CC262819000002934F

Certificate No.: 1902203/M899/02-ag

Date: 26.02.2019

Date of Calibration	Recommended Due On (as agreed with customer)	Page No. :
25.02.2019	25.02.2020	1 of 1

Location of Calibration : At Lab
Date of Receipt : 22.02.2019
Description of Instrument under calibration : Atmospheric Air Temperature Sensor with 4-20 mA Output
Make : M.B. Control & Systems Pvt. Ltd.
Range: (-)40°C to 100 °C (4 to 20 mA)
Model: MBMet-901C-A
Basis of Calibration : As per Work Instruction (WI- 01, Sec No.: QWI - 13.63)
Rev No: 3, Rev. Date: 07.02.2018

Master Equipment used for Calibration :

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
RTD	TL/218/221.2.1, Dated: 13.06.2018	12.06.2019	Tempens Calibration Center
Digital Multimeter	AMC/S/021652 Calibration date: 11.04.2018	10.04.2019	Acumen
Multifunction Calibrator	C & IJ/CAL/18-04/092, Dated: 20.04.2018	20.04.2019	C & I Calibrations Pvt. Ltd.

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Identification Number of Instrument

: S1130; MB180003

Environmental conditions of measurement

: Temperature: 25±2°C Humidity: 45% to 75 % RH

Uncertainty of measurement at 95%

: ± 0.35 °C (Temperature) & ± 0.1 % (Current)

Calibration Results

Temperature applied from ref Std in °C	Corresponding value in mA	Observed value in mA	Observed Result in °C	Error in °C
-20	6.29	6.300	-19.90	0.10
0	8.57	8.580	0.08	0.08
25	11.43	11.440	25.10	0.10
50	14.29	14.300	50.08	0.08
60	15.43	15.440	60.07	0.07

Remarks : 1. The Instrument is visually checked & found ok, DUC*=Device Under Calibration, Std. = Standard

2. This calibration Certificate refers to the Value observed at the time of and under the stated condition measured.

3. This Certificate should not be produced other than a full with written approval from the head of the Calibration Laboratory

Bishal Gupta
Calibrated By
Bishal Gupta
(Calibration Engineer)



Kirya Tripathi
Authorised Signatory
KIRYA TRIPATHI
Deputy Technical Manager