VAIDYANATHESHWARA INSTRUMENTS

COMMITTED TO THE CUSTOMER SINCE - 1996

CC-2473

No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

CERTIFICATE OF CALIBRATION

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Date of Issue : 29-09-2022
Sheet : 1 of 1

Format No. : VI-FRM-ET-022	**ULR No.: CC247322500029769F**	**Certificate No.:** VI/22-23/1453-03

Customer Name and Address:	**M/s.: Mag Engineering-Unit A ., Plot No. 46/A, 3rd Main, 2nd Phase Peenya Industrial Area, Bangalore - 560 058.**		
SRF No.	**1453**	**Received Condition**	Satisfactory

CALIBRATED INSTRUMENT / EQUIPMENT DETAILS

Nomenclature	**Digital Temperature Controller**	Make / Type	Selec / K
Range / Resolution	0 to 400 °C / 1 °C	ID. No.	ME/34430/DTC-01
Calibrated on	**23-09-2022**	Calibration due on	**22-09-2023**
Calibration Done At	Onsite	Temperature / Humidity	26.5 °C / 54 % RH
Instrument Location	Point Shop C Thermopac-01 Machine No-256		
Discipline	Electro Technical		

MASTER EQUIPMENT TRACEABILITY DETAILS

Sl. No.	Nomenclature	Make / Model	Sl. No. / ID.No.	Cal Agency / Certificate No	Validity
1	Temperature Calibrator	VICTOR / 14+	201090006708 / VI/OS/TC-05	VI, Bangalore VI/21-22/INT-ETH-502	21-01-2023
The master equipments used are traceable to National Standards				**Ref. Doc. :** SOP-37- 22	

Test Results & Test Details :

Sl. No.	Standard Input (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	0.0	0	0.0	-----	-----
2	50.1	50	-0.1	0.98	2.0
3	100.2	100	-0.2	0.98	2.0
4	200.4	200	-0.4	0.98	2.0
5	300.5	300	-0.5	0.98	2.0
6	401.2	400	-1.2	0.98	2.0

Note :

Determination of various readings of above Instrument are from respective reference standards by direct comparison method.

Conclusion : Measurement Uncertainty reported is at 95.45 % confidence level with k = 2.

The Reported Results are valid only for the conditions of the received Instruments at the time of and under the stated conditions of the calibration.

Calibrated By
Madhusudhan
(Calibration Engineer)

Checked By
Guruprasad S C
(Lab In-Charge)

Authorized By
Gangadhar C.K