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: 17-03-2023
Sheet : 1 of 1

Format No. : VI-FRM-ME-003	ULR No.: CC247323100010383F		Report No: VI/22-23/8525-10
Customer Name and Address:	M/S. MAG ENGINEERING UNIT A (A Unit of Sandhar Technologies Ltd.) No. 46A, 3rd Main, 2nd Phase, Peenya, Bangalore, Karnataka - 560 058.		
Customer Ref. No. and Date	DC No.: SIA/RGP21-22/0365 & 13-03-2023	Received Condition	Satisfactory
SRF. No.	8525	Date of Receipt	14-03-2023

CALIBRATED INSTRUMENT / EQUIPMENT DETAILS

Nomenclature	External Micrometer		Make	—	
Range / Resolution	0-25 mm	0.01mm	ID. No.	M004	
Calibration Done At	VI Mechanical Lab		Temperature / Humidity	20.2-20.6°C	50-53%RH
Calibrated on	17-03-2023		Calibration due on	16-03-2024	
Discipline	Mechanical (Dimensional)				

MASTER EQUIPMENT TRACEABILITY DETAILS

Sl.No.	Nomenclature	Make / Model	Sl. No.	Traceable Cert. No.	Traceable to	Validity
1	Tung Carb Gauge Block Set	KCP / M10	10014	VI/22-23/INT-ME-125	VI-Sangalore	20 - 07 - 2023
2	Tung Carb Gauge Block Set	KCP / M112	10021	VI/22-23/INT-ME-126	VI-Sangalore	21 - 07 - 2023
The master equipments used are traceable to National Standards				Ref. Doc.	Based on: IS 2967 and SOP-16-03	

CALIBRATION RESULTS — All values are in mm

Sl.No.	Micrometer Reading (A)	Slip gauge size (B)	Error(A-B)	Permissible Error (±)
1	0.000 (Set)	0.00	0.000	0.002
2	2.500	2.50	0.000	0.004
3	5.100	5.10	0.000	0.004
4	7.700	7.70	0.000	0.004
5	10.299	10.30	-0.001	0.004
6	12.899	12.90	-0.001	0.004
7	14.999	15.00	-0.001	0.004
8	17.599	17.60	-0.001	0.004
9	20.198	20.20	-0.002	0.004
10	22.798	22.80	-0.002	0.004
11	24.998	25.00	-0.002	0.004
Parallelism of measuring faces			0.001	0.002

Note :

- Determination of step sizes, parallelism and flatness of measuring faces of micrometer by direct method using gauge blocks.

Conclusion :

- Uncertainty of calibration at 95.45 % Confidence level and Coverage Factor K = 2 : ±7.0µm
- The Reported Results are valid only for the conditions of the received Instruments /gauges at the time of and under the stated conditions of the calibration.

Calibrated By
Hemanth Kumara G
(Calibration Engineer)

Checked By
P.Santhosh Kumar
(Lab In-Charge)

Authorized By
Sangeetha C.K