



COMMITTED TO THE
CUSTOMER SINCE - 1996

Vaidyanatheshwara INSTRUMENTS

CERTIFICATE OF CALIBRATION



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

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-009		ULR No : CC247323100010386F		Report No: VI/22-23/8525-13	
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. & Date		DC No.:SIA/RGP21-22/0365 & 13-03-2023		Received Condition	
SRF. No.		8525		Date of Receipt	
				Satisfactory	
				14-03-2023	
CALIBRATED INSTRUMENT / EQUIPMENT DETAILS					
Nomenclature		Digital Height Gauge		Make / Model	
Range / Resolution		0-600 mm / 0.01 mm		Mitutoyo / HD-60"AX	
Calibration Done At		VI Mechanical Lab		SL. No. / ID.No.	
Calibrated on		17-03-2023		1112813 / M112	
Discipline		Mechanical (Dimensional)		Temperature / Humidity	
				20.1-20.3°C / 48-51%RH	
				Calibration due on	
				16-03-2024	
MASTER EQUIPMENT TRACEABILITY DETAILS					
Sl. No.	Nomenclature	Make / Model	Sl. No.	Traceable Cert. No.	Traceable To
1	Caliper Checker	KCP/CC-1000	3095	VI/22-23/INT-ME-135	VI-Bangalore
2	Tung Carb Gauge Block Set	KCP / M112	10021	VI/22-23/INT-ME-126	VI-Bangalore
The master equipments used are traceable to National Standards			Ref. Doc.	IS 2921:1988 and SOP-16-07	
CALIBRATION RESULTS					
All values are in mm					
NOMINAL VALUES	HEIGHT GAUGE READINGS		Error	Permissible Error (+/-)	
0.00	0.00		0.00	0.02	
20.00	20.00		0.00	0.03	
50.00	50.00		0.00	0.03	
75.00	75.01		+0.01	0.03	
100.00	100.01		+0.01	0.03	
150.00	150.01		+0.01	0.03	
200.00	200.02		+0.02	0.03	
250.00	250.02		+0.02	0.03	
300.00	300.02		+0.02	0.04	
400.00	400.03		+0.03	0.04	
500.00	500.03		+0.03	0.05	
600.00	600.03		+0.03	0.05	
Note :					
• Determination of various sizes from a respective reference faces were measured by direct measurement against Caliper Checker.					
Conclusion :					
• Uncertainty of calibration at 95.45 % Confidence level and Coverage Factor K = 2 : $\pm 10\mu m$					
• 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

Hehanth Kumar G
(Calibration Engineer)

Checked By

P. Santhosh Kumar
(Lab In-Charge)



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