

CALIBRATION CERTIFICATE

Certificate No.:		QC240919-33		Date of Calibration:		19-09-2024	
Customer Name:		Aberdeen Technical Services Basra Iraq		Due Date of Calibration:		18-01-2025	
Instrument under Calibration:		Internal Micrometer Gauge		Maximum Range		2" to 12" Inches	
Calibrated Range		2" to 12" Inches		Readability		0.0001"	
				QC Job No		QC/JN/24/0307	
Model No	M&W-MIC-305-05DDL	Serial No.:	171122065	Identify/No	ATS.I.IMG 001B	Manufacturer:	Moore Wright
Calibration Method:	Based on standard ASME B89 & API 5A5, The reported uncertainty is the expanded uncertainty with k=2 according to the ISO/IEC "Guide to the expansion of uncertainty in measurement" providing a level of confidence of approximately 95%.						

ZERO READING

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature	23.3 °C	Humidity	43.3 % RH
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Equipment used for calibration



DESCRIPTION	MODEL/SERIAL NO.	SOURCE OF TRACEABILITY
Granite Surface Plate- with Stand Grade : 1	Code : 517-911-1	Mitutoyo, Japan
Micrometer Inspection Gauge Block Set	Code NO.516-106-10/1404358	NPL England
Micrometer	Code : 103-137/ 46047292	NPL England
Before Adjustment (inches) 0.00	After Adjustment (inches) 0.000	Maximum Permissible Error(inches) ± 0.00001

CALIBRATION RESULTS

Reference Standard value (inches)	DEVICE READING				MEASUREMENT OF UNCERTAINTY
	Test 1	Test 2	Test 3	Average	
2.00000	2.0000	2.0000	2.0000	2.0000	±0.0001 inches
12.00000	12.0000	12.0000	12.0000	12.0000	

The Instrument Specification

- This calibration was carried out in compliance with the ISO/IEC 17025.
- The standard/standards used in this calibration is/are traced to the SI unit of pressure through traceability to primary standards maintained in the National Institute of Standards (NIS)
- This calibration certificate refers only to the particular item submitted for calibration
- This certificate shall not be reproduced, unless written permission has been obtained from the lab.
- The lab is responsible for above results in the time of calibration only.
- This certificate is valid only with signature and stamp.

Calibrated By:	Hussein Alaa	Reviewed By:	Asjad Rafiq	
Signature:		Signature:	