

## CALIBRATION CERTIFICATE

Certificate No.:	QC240520-49	Date of Calibration:	20-05-2024
Customer Name:	Aberdeen Technical Services Basra Iraq	Due Date of Calibration:	19-09-2024
Instrument under Calibration:	External Micrometer Gauge	Readability	0.001”
Calibrated Range	5” to 6” inches	QC Job No	QC/JN/24/00307
Model No	103-182	Serial No.:	ATS.I.EMG 010B
		Manufacturer:	Mitutoyo
Calibration Method:	Based on Dubai Central Laboratory DMS 2001:2010, 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	25 °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)	After Adjustment (inches)	Maximum Permissible Error( inches )
0.00	0.000	± 0.00001

#### CALIBRATION RESULTS

Reference Standard value (inches)	DEVICE READING				MEASUREMENT OF UNCERTAINTY
	Test 1	Test 2	Test 3	Average	
5.000000	5.0001	5.0000	5.0001	5.0001	<b>±0.001 inches</b>
6.000000	6.0001	6.0000	6.0001	6.0001	

#### 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.

<b>Calibrated By:</b>	
<b>Signature:</b>	

