

## CALIBRATION CERTIFICATE

<b>Certificate No.:</b>	QC240919-42	<b>Date of Calibration:</b>	19-09-2024
<b>Customer Name:</b>	Aberdeen Technical Services Basra Iraq	<b>Due Date of Calibration:</b>	18-01-2025
<b>Instrument under Calibration:</b>	External Micrometer Gauge	Readability	0.001”
<b>Calibrated Range</b>	2” to 3” inches	<b>QC Job No</b>	QC/JN/24/00307
<b>Model No</b>	103-179	<b>Serial No.:</b>	ATS.I.EMG 003B
<b>Manufacturer:</b>	Mitutoyo		
<b>Calibration Method:</b>	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	
2.000000	2.0000	2.0000	2.0001	2.0001	±0.001 inches
3.000000	3.0001	3.0000	3.0001	3.0001	

#### 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>	

