

<b>Certificate No.:</b>		QC240919-29			<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>		Digital Vernier Gauge			<b>Maximum Range</b>		0 to 6"
<b>Calibrated Range</b>		0 to 6"			<b>Readability</b>		0.0001 "
<b>Model No</b>	500-762-10	<b>Serial No.:</b>	15019577	<b>Identify/No</b>	ATS.I.DVG 009B	<b>Manufacturer:</b>	Mitutoyo
						<b>QC Job Number:</b>	QC/JN/24/00307
<b>Calibration Method:</b>	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%.						

**ENVIRONMENTAL CONDITIONS DURING TEST**

Ambient Temperature	21.2 °C	Humidity	26.4 % 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
Gauge Block Set- Grade 0	0651515012/87316	PTB Germany
Caliper Checker up to 1500 mm	Code : 515-556-2/14002536	NPL England

**ZERO READING**


Before Adjustment (inch)	After Adjustment (inch)	Maximum Permissible Error (inch )
0.00	0.000	± 0.01

**CALIBRATION RESULTS**

Reference Standard value (inch)	DEVICE READING				MEASUREMENT OF UNCERTAINTY
	Test 1	Test 2	Test 3	Average	
0.0000	0.000	0.0000	0.0000	0.0000	<b>±0.01 inch</b>
1.000	1.0001	1.0000	1.0000	1.0000	
2.000	2.0000	2.0001	2.0001	2.0001	
4.000	4.0001	4.0001	4.0001	4.0001	
5.000	5.0000	5.0000	5.0000	5.0000	
6.000	6.0000	6.0001	6.0000	6.0000	

**The Instrument Specification**

- This calibration was carried out in compliance with the *ISO/IEC 17025.2017*
- 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.
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- 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>Hussein Alaa</b>	<b>Reviewed By:</b>	<b>Asjad Rafiq</b>
<b>Signature:</b>		<b>Signature:</b>	