

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: May 20, 2024

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REQUEST NUMBER :	By Mail	APPROVED	ASME QC
JOB NUMBER :	QC/JN/24/00307		
CERTIFICATE NUMBER :	QC240520-31		

CUSTOMER DETAILS

Name : **Aberdeen Technical Services Basra Iraq**
 Address : District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Vernier Caliper**
 Manufacturer : MOOR WEIGHT
 Model : N/A
 Identify/No : AT.S.I.VSG 001B
 Serial Number : **E10172**
 Inst Location : Aberdeen Work Shop
 Type : Analog



Full Range : 0 to 24 Inch **DEVIATION FROM STANDARD METHOD** None
 Calibrated Range : 0 to 24 Inch **REMARK (S) :**

- Readability : 0.02 Inch
1. No adjustments were made prior to calibration.
 2. Overload test was not performed.
 3. No accessories were fitted.
 4. Values were rounded in computation.

Calibration Due September 19, 2024

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 18.0 ± 1°C Humidity : 45.0 ± 5 % RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with **ASME B89.1.14**

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%.

TRACEABILITY

The measurements made by Quality Control Labs are traceable to TPI Certificate # **LF-22121531**

The measurements made by Quality Control Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	SOURCE OF TRACEABILITY
Gauge Block Set	171105	LF-22121531	Liftek Company Iraq
Granite Surface Plate	Code : 517-911-1	--	--

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
Inch	Inch	Inch	± Inch
0	0.00	0.00	0.02
4	4.002	0.00	0.02
12	12.003	0.00	0.02
24	24.005	0.00	0.02