

Certificate of Calibration

North Rumaila, Altakamul Yard, South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: December 23, 2024

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REQUEST NUMBER : By Email JOB NUMBER : QC-YB-240141 CERTIFICATE NUMBER : QC-YB-240141-02	CUSTOMER DETAILS Name : Halliburton Worldwide IRAQ (IEM) Address : Western Burjesia, Oil Street, District Zubair-South Iraq
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EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Test Block 5 Step
Manufacturer : Dakota Ultrasonics
Model : 4340FE
Serial Number : 15-3865
SAP : NA
Calibrated Value : (0.500 , 0.400 , 0.300 , 0.200 , 0.100) Inch
As Found : In Tolerance
Calibration Date : December 23, 2024
Calibration Due : **22 June 2025**
Last Calibration : September 19, 2023



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 20 °C ± 2 °C
Relative Humidity : 20.0 %RH ± 5.0 %RH

CALIBRATION METHOD

Test Block is calibrated by taking thickness of each step of test block multiple times with a standard digital vernier caliper and then found an average valuer of the block.

TRACEABILITY

The measurements made by QC Calibration & Testing 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.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Vernier Caliper	07414025	Mitutoyo / CD-12CX	5-Aug-24	4-Aug-25

CALIBRATION TEST RESULTS

Test Block Value (M)	Thickness Value Vernier (A)	Measured by	Deviation (A-M)	Measurement Uncertainty
0.100	0.1000		0.0000	0.0001
0.200	0.2000		0.0000	0.0001
0.300	0.3005		-0.0005	0.0001
0.400	0.4000		0.0000	0.0001
0.500	0.5005		-0.0005	0.0001

Results :

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

- The re The results are as found (no adjustment done).
 The re The results are post adjustment.

CALIBRATED BY	REVISED & APPROVED BY LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	