

Al Takamul Company For Engineering Services Quality Control – Iraq

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: June 2, 2024 Page 1 of 1

REQUEST NUMBER : By Mail CUSTOMER DETAILS

JOB NUMBER : QC/JN/24/00226 Name : Halliburton Worldwide IRAQ (Sperry)

CERTIFICATE NUMBER : QC240602-01 Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Digital Depth Caliper

Manufacturer : Mitutoyo
Model : VDS-P12"
Serial Number : 0000168
SAP No : 300303097
Type : Digital

Range : 0 to 12 inch Calibration Range : 0 to 12 inch

Readability : 0.0005 inch
As Found : In Tolerance
Calibration Date : June 2, 2024
Calibration Due : 01 June 2025
Last Calibration : July 1, 2023

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : $22.0 \pm 2^{\circ}$ C Humidity : 40.0 ± 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%.

REFERENCE EQUIPMENT USED:

| DESCRIPTION | SERIAL NO. | MAKE / MODEL | CALIBRATION DATE | DUE DATE |
|-----------------|------------|-----------------------|-------------------|-------------------|
| Gauge Block Set | 87300 | Mitutoyo / 99MAK004B2 | November 15, 2023 | November 14, 2024 |

CALIBRATION TEST RESULTS

| Ref. Standard Values (A) | Measured Values on Unit Under Calibration (M) | Deviation (D=M-A) | Expanded Uncertainty (U) |
|--------------------------|---|----------------------|--------------------------|
| inch | inch | inch | ±inch |
| 0.0000 | 0.0000 | 0.0000 | 0.000 |
| 1.0000 | 1.0000 | 0.0000 | 0.001 |
| 3.0000 | 3.0000 | 0.0000 | 0.001 |
| 5.0000 | 5.0000 | 0.0000 | 0.001 |
| 8.0000 | 8.0005 | 0.0005 | 0.001 |
| 12.0000 | 12.0005 | 0.0005 | 0.001 |

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

The results are as found (no adjustment done).

| | are post adjustment. | |
|---------------|-------------------------------|--------|
| CALIBRATED BY | REVIWED & ARIX ED AN INCHARGE | CLIENT |
| Paled | Q QUALITY CONTROL TEST 2 | |
| Mahdi Halim | LAB INCHARGE Asjad Rafiq | |















Address : North Rumaila, Al Takamul Yard

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