

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 8, 2024

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|                    |   |                |                             |
|--------------------|---|----------------|-----------------------------|
| REQUEST NUMBER     | : | By Mail        | APPROVED BY: QA INCHARGE QC |
| JOB NUMBER         | : | QC/JN/24/00271 |                             |
| CERTIFICATE NUMBER | : | QC240708-07    |                             |

### CUSTOMER DETAILS

Name : Halliburton Worldwide IRAQ  
Address : Western Burjesia, Oil Street, District Zubair-South Iraq  
Department : Sperry

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Dial Indicator Gauge

Manufacturer : Starrett

Model : 25-441

Serial Number : DIL-08

Equipment ID : 300098401

Type : Analog

Full Range : 0 to 1 "

Calibrated Range : 0 to 1 "

Readability : 0.001"

Calibrated By : Hussein Alaa

Calibration Date : July 8, 2024

Calibration Due : 07 July 2025

Calibration Site : QC Lab North Rumaila South Iraq



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

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.

### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°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.       | CERTIFICATE NO. | SOURCE OF TRACEABILITY |
|-----------------------|------------------|-----------------|------------------------|
| Gauge Block Set       | 87300            | LT221218-05     | Liftek Iraq            |
| Granite Surface Plate | Code : 517-911-1 | --              | --                     |

### CALIBRATION TEST RESULTS

| Ref. Standard Values<br>(A) | Measured Values on<br>Unit Under Calibration<br>(M) | Deviation<br>(D=M-A) | Expanded Uncertainty<br>(U) |
|-----------------------------|-----------------------------------------------------|----------------------|-----------------------------|
| Inches                      | Inches                                              | Inches               | ±Inches                     |
| 0.00                        | 0.000                                               | 0.000                | 0.001                       |
| 0.200                       | 0.201                                               | 0.001                | 0.001                       |
| 0.500                       | 0.502                                               | 0.002                | 0.001                       |
| 0.800                       | 0.801                                               | 0.001                | 0.001                       |
| 1.000                       | 1.001                                               | 0.001                | 0.001                       |

Results :

The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.

At The Time of Calibration. and ready for use.



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