

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** July 16, 2024

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|                    |   |                    |                         |                                                            |
|--------------------|---|--------------------|-------------------------|------------------------------------------------------------|
| REQUEST NUMBER     | : | By Mail            | <b>CUSTOMER DETAILS</b> |                                                            |
| JOB NUMBER         | : | QC/JN/24/00282     | Name                    | : Halliburton Worldwide IRAQ (Sperry)                      |
| CERTIFICATE NUMBER | : | <b>QC240716-04</b> | Address                 | : Western Burjesia, Oil Street, District Zubair-South Iraq |

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Dial Indicator Gauge**  
 Manufacturer : Starrett  
 Model : 25-441  
 Serial Number : DIL-30  
 SAP No : 300254146  
 Type : Analog  
 Range : 0 to 1 inch  
 Calibration Range : 0 to 1 inch  
 Readability : 0.001"  
 As Found : In Tolerance  
 Calibration Date : July 16, 2024  
**Calibration Due : 15 July 2025**  
 Last Calibration : NA



### 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 B89.1.10M-2001  
 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<br>(A) | Measured Values on<br>Unit Under Calibration<br>(M) | Deviation<br>(D=M-A) | Expanded Uncertainty<br>(U) |
|-----------------------------|-----------------------------------------------------|----------------------|-----------------------------|
| inch                        | inch                                                | inch                 | ±inch                       |
| 0.000                       | 0.000                                               | 0.000                | 0.000                       |
| 0.200                       | 0.200                                               | 0.000                | 0.001                       |
| 0.500                       | 0.500                                               | 0.000                | 0.001                       |
| 0.800                       | 0.800                                               | 0.000                | 0.001                       |
| 1.000                       | 1.000                                               | 0.000                | 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).  
☐ The results are post adjustment.

| CALIBRATED BY                                                                                       | REVIEWED & APPROVED BY                                                                             | LAB INCHARGE                                                                                               | CLIENT |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------|
| <br>Hussein Alaa | <br>Asjad Rafiq | <br><b>LAB INCHARGE</b> |        |



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