

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 29, 2025

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|---|--|
| REQUEST NUMBER : By Mail                    | <b>CUSTOMER DETAILS</b>  |
| JOB NUMBER : QC-CAL-25038                   | Name <b>Halliburton Worldwide IRAQ</b> (Sperry)                    |
| CERTIFICATE NUMBER : <b>QC-CAL-25038-05</b> | Address : Western Burjesia, Oil Street, District Zubair-South Iraq |

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

|  |   |
|--|---|
| Description : <b>Pressure Transducer</b> | Calibration Date : January 29, 2025       |
| Manufacturer : Honeywell                 | Calibration Due : <b>January 28, 2026</b> |
| Model : 435                              |   |
| Serial Number : 1965237                  |   |
| SAP : 300350150                          |   |
| Range : 0 to 10000 PSI                   |   |
| Output : 4 to 20 mA                      |   |
| As Found : Good                          |   |



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.5 ± 1°C Humidity : 30.0 ± 5 % RH Atm. Pressure 1013.6 ± 10 hPa

### CALIBRATION METHOD

The above equipment has been calibrated in accordance with QC/CP/R/03 Rev. 01

The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard and measuring mA at the output of Pressure Transducer by using Process Calibrator having traceability to Internationally recognised standards.

### TRACEABILITY

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. | Make / Model  | CALIBRATION DATE | CALIBRATION DUE DATE |
|------------------------|------------|---------------|------------------|----------------------|
| Digital Pressure Gauge | 468802     | AMETEK / XP2i | 5-Nov-24         | 4-Nov-25             |
| Process Calibrator     | 22564482   | FLUKE / 725   | 6-Nov-24         | 5-Nov-25             |

### CALIBRATION TEST RESULTS

| Ref. Standard Values<br>(A)-INPUT |            | Measured Values on<br>Unit Under Calibration<br>(M)-OUTPUT |        | Deviation<br>(D=M-A) |       | Expanded Uncertainty<br>(U) |
|-----------------------------------|------------|--|--------|----------------------|-------|-----------------------------|
| PSI                               | % of Range | PSI  | mA     | PSI                  | mA    | ±mA                         |
| 0                                 | 0%         | 0.00   | 4.003  | 0.00                 | 0.003 | 0.10                        |
| 2500                              | 25%        | 2502.50  | 8.004  | 2.50                 | 0.004 | 0.10                        |
| 5000                              | 50%        | 5005.00  | 12.008 | 5.00                 | 0.008 | 0.10                        |
| 7500                              | 75%        | 7506.88  | 16.011 | 6.87                 | 0.011 | 0.10                        |
| 10000                             | 100%       | 10008.13   | 20.013 | 8.13                 | 0.013 | 0.10                        |

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

| CALIBRATED BY   | REVIEWED & APPROVED BY LAB INCHARGE   | CLIENT |
|---|---|--------|
| <br>Abdulrahman Loay | <br>LAB INCHARGE Asjad Rafiq |        |