

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: October 29, 2024

Page 1 of 1

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| REQUEST NUMBER : By Contract | CUSTOMER DETAILS |
| JOB NUMBER : QC-YB-240015 | Name Halliburton Worldwide IRAQ (HPS) |
| CERTIFICATE NUMBER : QC-YB-240015-20 | Address Western Burjesia, Oil Street, District Zubair-South Iraq |

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 139
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure 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 having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

| DESCRIPTION | SERIAL NO. | MAKE / MODEL | CALIBRATION DATE | CALIBRATION DUE DATE |
|------------------------|------------|---------------|------------------|----------------------|
| Digital Pressure Gauge | 468802 | AMETEK / XP2i | 20 Nov, 2023 | 19 Nov, 2024 |

CALIBRATION TEST RESULTS

| Measured Values on Unit Under Calibration (M) | Ref. Standard Values (A) | Deviation (D=M-A) | Full Scale Error % |
|---|--------------------------|-------------------|--------------------|
| psi | psi | psi | % |
| 0 | 0.00 | 0.00 | 0.0 |
| 1200 | 1217.0 | -17.00 | -0.3 |
| 2500 | 2521.0 | -21.00 | -0.4 |
| 3700 | 3724.0 | -24.00 | -0.5 |
| 5000 | 5028.0 | -28.00 | -0.6 |

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 |
|---|---|--------|
|  Abdulrahman Loay |  LAB INCHARGE Asjad Rafiq | |