

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: May 27, 2024

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|--------------------|----------------------|--|
| REQUEST NUMBER | : By Contract | APPROVED BY:  |
| JOB NUMBER | : QC/JN/24/00223 | |
| CERTIFICATE NUMBER | : QC240527-37 | |

CUSTOMER DETAILS

Name : Zhongman Petroleum Engineering
Address : Basra, South Iraq
Department : ZPEC025

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
Manufacturer : MC
Model : NA
Serial Number : 1382265
Location : DRILLER CABIN
Type : Analog
Range : 0 to 25 MPa
Calibrated Range : 0 to 25 MPa
Resolution : 1 MPa
Accuracy Class : 2.5
Tolerance : 1 % of Full Scale
As found : In Tolerance
Calibrated By : Asjad Rafiq
Calibration Date : May 27, 2024
Calibration Due : **26 May 2025**
Last Calibration Date : NA



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 : 25.0 ± 2°C **Humidity** : 44.0 ± 5 % RH **Atm. Pressure** : 1011.0 ± 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) | Error Percentage |
|---|--------------------------|-------------------|------------------|
| MPa | MPa | MPa | ± |
| 0 | 0 | 0.00 | 0.0 |
| 5 | 5.02 | -0.02 | -0.1 |
| 10 | 10.05 | -0.05 | -0.2 |
| 15 | 15.05 | -0.05 | -0.2 |
| 20 | 20.07 | -0.07 | -0.3 |
| 25 | 25.08 | -0.08 | -0.3 |

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.



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