

Certificate of Calibration

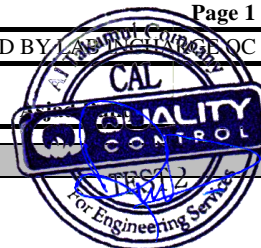
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Date of Issue: May 27, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY	LABORATORY CONTROL
JOB NUMBER	: QC/JN/24/00223		
CERTIFICATE NUMBER	: QC240527-16		



CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**
 Manufacturer : MC
 Model : 2000144
 Serial Number : **CAL2406**
 Location : **RIG FLOOR-HYDRULIC POWER UNIT**
 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	5.01	-0.01	0.0
10	10.04	-0.04	-0.2
15	15.02	-0.02	-0.1
20	20.06	-0.06	-0.2
25	25.08	-0.07	-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.