

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	LABORATORY CONTROL
JOB NUMBER	: QC/JN/24/00223		
CERTIFICATE NUMBER	: QC240527-15		

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 : CAL2405
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	4.98	0.02	0.1
10	9.99	0.01	0.0
15	15.01	-0.01	-0.1
20	20.04	-0.04	-0.2
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.