


## 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	: <b>QC240527-35</b>	

### 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** : M1209210  
**Location** : POWER TONG  
**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	10.04	-0.04	-0.2
15	15.03	-0.03	-0.1
20	20.07	-0.07	-0.3
25	25.09	-0.09	-0.4

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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