


## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 2, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY:  CHARGE QC
JOB NUMBER	: QC/JN/24/002	
CERTIFICATE NUMBER	: <b>QC240102-09</b>	



### CUSTOMER DETAILS

Name : **Zhongman Petroleum and Natural Gas Group Corp, LTD**  
 Address : Iraq, Basra, North Rumila  
 Department : ZPEC35

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge  
 Manufacturer : XRT  
 Model : N/A  
 Serial Number : 17050SV  
 Type : Analog  
 Location : Cat Walk  
 Range : ( 0 - 40 ) MPa  
 Calibrated Range : ( 0 - 40 ) MPa  
 Resolution : 1 MPa  
 Accuracy : 1.6  
 Tolerance : 1.6 % from Each Reading  
 As found Condition : Good  
 Calibrated By : Mahdi Haleem  
 Calibration Date : January 2, 2024  
**Calibration Due : January 1, 2025**



**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 : 22 ± 2°C Humidity : 44 ± 5 % RH Atm. Pressure : 1011 ± 10 hPa

### CALIBRATION METHOD

The above equipment has been calibrated in accordance with BS EN837-1  
 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	15 Aug, 2023	14 Aug, 2024

### CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
MPa	MPa	MPa	± MPa
0.00	0.00	0.00	0.00
10.00	10.06	-0.06	0.16
20.00	20.10	-0.10	0.32
30.00	30.20	-0.20	0.48
40	40.43	-0.43	0.64

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.

