


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	: QC240102-36	



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 : MC
 Model : N/A
 Serial Number : 70136829
 Type : Analog
 Location : Mixing Hoper
 Range : (0 - 145) psi
 Calibrated Range : (0 - 145) psi
 Resolution : 2 psi
 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
psi	psi	psi	± psi
0.00	0.00	0.00	0.00
40.00	40.26	-0.26	0.64
80.00	80.26	-0.26	1.28
120.00	121.14	-1.14	1.92
145	146.39	-1.39	2.32

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.