

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 27, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: [Signature] CHARGE QC
JOB NUMBER	: QC/JN/24/0015	
CERTIFICATE NUMBER	: QCPG240125-23	



CUSTOMER DETAILS

Name : **HONGHUA OIL & GAS ENGINEERING SERVICES LTD**
 Address : Iraq, Basra, South Rumailah
 Area : HH029

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : GLOOR
 Model : "R 1/4"
 Serial Number : CAL-PG-A-13
 Type : Analog
 Location : Spare Regulator
 Range : (0 - 40) bar
 Calibrated Range : (0 - 40) bar
 Resolution : 1 bar
 Accuracy : 2.5
 Tolerance : 2.5 % from Each Reading
 As found Condition : Good
 Calibrated By : Mahdi Haleem
 Calibration Date : January 27, 2024
Calibration Due : January 26, 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
bar	bar	bar	± bar
0.00	0.00	0.00	0.00
10.00	10.15	-0.15	0.25
20.00	20.25	-0.25	0.50
30.00	30.38	-0.38	0.75
40	40.68	-0.67	1.00

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.