

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 27, 2024

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



### 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-B-14  
 Type : Analog  
 Location : Spare Regulator  
 Range : ( 0 - 2.5 ) bar  
 Calibrated Range : ( 0 - 2.5 ) bar  
 Resolution : 0.05 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
<b>bar</b>	<b>bar</b>	<b>bar</b>	<b>± bar</b>
0.00	0.00	0.00	0.00
0.50	0.51	-0.01	0.01
1.00	1.02	-0.01	0.03
1.50	1.52	-0.02	0.04
2.5	2.54	-0.04	0.06

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.