

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: March 13, 2025

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REQUEST NUMBER : By Contract JOB NUMBER : QC-CAL-25094 CERTIFICATE NUMBER : QC-CAL-25094-22	APPROVED BY LAB INCHARGE QC  Asjad Rana
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CUSTOMER DETAILS

Name : Honghua Oil & Gas Engineering Services Limited
Address : Basra, South Iraq
Department : HH008



EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
Manufacturer : WIKA
Model : EN837-1
Serial Number : HH14042503
Location : Cascade System
Type : Analog
Range : 0 to 300 psi
Calibrated Range : 0 to 300 psi
Resolution : 10 psi
Accuracy Class : 1.6
Tolerance : 1.6 % of Full Scale
As found : In Tolerance
Calibrated By : Abdulrahman Loay
Calibration Date : March 13, 2025
Calibration Due : March 12, 2026



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	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±1
0	0	0.00	0.0
50.0	51.05	-1.05	-0.35
150.0	151.08	-1.08	-0.36
225.0	226.04	-1.04	-0.35
300.0	301.10	-1.10	-0.37

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.