

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: April 20, 2025

REQUEST NUMBER	: By Contract	APPROVED BY LAB (ASNT ARSNT)
JOB NUMBER	: QC-CAL-25143	Asjad R. [Signature]
CERTIFICATE NUMBER	: QC-CAL-25143-01	



CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : BLD
 Model : 01050070
 Serial Number : N191160241
 Location : Pressure Test Unit
 Type : Analog
 Range : 0 to 160 MPa
 Calibrated Range : 0 to 160 MPa
 Resolution : 2 MPa
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Abdulrahman Loay
 Calibration Date : April 20, 2025
Calibration Due : April 19, 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 : 28.0 ± 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
MPa	MPa	MPa	±1
0	0	0.00	0.0
40.0	40.12	-0.12	-0.07
80.0	80.16	-0.16	-0.10
120.0	120.19	-0.19	-0.12
160.0	160.22	-0.22	-0.14

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.

