Certificate of Calibration

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Date of Issue: April 20, 2025

REQUEST NUMBER	: By Contract	APPROVED BY LAB INCHARGE QC
JOB NUMBER	: QC-CAL-25143	
CERTIFICATE NUMBER	: QC-CAL-25143-04	Asjad [illegible]

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Transducer**
Manufacturer : SENEX
Model : DG2ABCB
Serial Number : 3721042000418
SAP : Pressure Test Unit
Range : 0 to 150 MPa
Output : 4 to 20 mA
Accuracy : 0.5 % Full Scale
Calibrated By : Hussein Alaa
As Found : In Tolerance

Calibration Date : April 20, 2025
Calibration Due : **April 19, 2026**

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.5 ± 1°C Humidity : 30.0 ± 5 % RH Atm. Pressure 1013.6 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with 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 and measuring mA at the output of Pressure Transducer by using Process Calibrator 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-24	4-Nov-25
Process Calibrator	22564482	FLUKE / 725	6-Nov-24	5-Nov-25

CALIBRATION TEST RESULTS

Ref. Standard Values (A)-INPUT		Measured Values on Unit Under Calibration (M)-OUTPUT		Deviation (D=M-A)		Expanded Uncertainty (U)
MPa	% of Range	MPa	mA	MPa	mA	±mA
0	0%	0.00	3.997	0.00	-0.003	0.01
37.5	25%	37.56	8.006	0.06	0.006	0.01
75.0	50%	75.08	12.008	0.07	0.008	0.01
112.5	75%	112.60	16.011	0.10	0.011	0.01
150.0	100%	150.11	20.012	0.11	0.012	0.02

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.