

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: August 30, 2024

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REQUEST NUMBER : By Mail	CUSTOMER DETAILS
JOB NUMBER : QC/JN/24/00338	Name Halliburton Worldwide IRAQ (Sperry)
CERTIFICATE NUMBER : QC240830-04	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Wing Union Pressure Transducer	Calibration Date : August 30, 2024
Manufacturer : Honeywell	Calibration Due : August 29, 2025
Model : 435	Last Calibration : NA
Serial Number : 1948211	
SAP : NA	
Range : 0 to 10000 PSI	
Output : 4 to 20 mA	
As Found : In Tolerance	



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.

TRACEABILITY

The measurements made by Quality Control Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :



DESCRIPTION	SERIAL NO.	Make / Model	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	20-Nov-23	19-Nov-24
Process Calibrator	22564482	FLUKE / 725	20-Nov-23	19-Nov-24

CALIBRATION TEST RESULTS

Ref. Standard Values (A)-INPUT		Measured Values on Unit Under Calibration (M)-OUTPUT		Deviation (D=M-A)		Expanded Uncertainty (U)
PSI	% of Range	PSI	mA	PSI	mA	±mA
0	0%	1.25	4.002	1.25	0.002	0.01
2500	25%	2503.13	8.005	3.13	0.005	0.01
5000	50%	5003.75	12.006	3.75	0.006	0.02
7500	75%	7505.63	16.009	5.63	0.009	0.02
10000	100%	10007.50	20.012	7.50	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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Hussein Alaa	 LAB INCHARGE Asjad Rafiq	