

## 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	<b>CUSTOMER DETAILS</b>
JOB NUMBER : QC/JN/24/00338	Name <b>Halliburton Worldwide IRAQ</b> (Sperry)
CERTIFICATE NUMBER : <b>QC240830-09</b>	Address Western Burjesia, Oil Street, District Zubair-South Iraq

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : <b>Wing Union Pressure Transducer</b>	Calibration Date : August 30, 2024
Manufacturer : Honeywell	Calibration Due : <b>August 29, 2025</b>
Model : 435	Last Calibration : NA
Serial Number : 1809715	
SAP : NA	
Range : 0 to 6000 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%	-1.87	3.995	-1.87	-0.005	0.01
1500	25%	1497.75	7.994	-2.25	-0.006	0.01
3000	50%	2998.50	11.996	-1.50	-0.004	0.02
4500	75%	4498.88	15.997	-1.13	-0.003	0.02
6000	100%	5999.25	19.998	-0.75	-0.002	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	