

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: October 1, 2024

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REQUEST NUMBER : By Mail	CUSTOMER DETAILS
JOB NUMBER : QC/JN/24/00356	Name Halliburton Worldwide IRAQ (TSS)
CERTIFICATE NUMBER : QC241001-01	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Differential Pressure Transmitter	Calibration Date : October 1, 2024
Manufacturer : ROSEMOUNT	Calibration Due : September 30, 2025
Model : 3051CD3A02A1AH2M6RK	Last Calibration : NA
Serial Number : 24CLPG0109282	
Location : NA	
Maximum Range : 0.0 to 400 psi	
Calibration Range : 0.0 to 400 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
0.00	0%	0.08	4.003	0.08	0.003	0.01
100	25%	100.15	8.006	0.15	0.006	0.01
200	50%	200.23	12.009	0.23	0.009	0.01
300	75%	300.35	16.014	0.35	0.014	0.01
400	100%	400.45	20.018	0.45	0.018	0.01

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	REVIWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 Asjad Rafiq 	