

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** September 10, 2024

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REQUEST NUMBER : By Mail	<b>CUSTOMER DETAILS</b>
JOB NUMBER : QC/JN/24/00356	Name <b>Halliburton Worldwide IRAQ (TSS)</b>
CERTIFICATE NUMBER : <b>QC240910-07</b>	Address Western Burjesia, Oil Street, District Zubair-South Iraq

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : <b>Pressure Transmitter</b>	Calibration Date : September 10, 2024
Manufacturer : ROSEMOUNT	<b>Calibration Due : September 9, 2025</b>
Model : 3051T	Last Calibration : NA
Serial Number : 2137057	
Location : NA	
Maximum Range : 0.0 to 4000 psi	
Calibration Range : 0.0 to 4000 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%	2.75	4.011	2.75	0.011	0.01
1000	25%	1003.25	8.013	3.25	0.013	0.01
2000	50%	2003.50	12.014	3.50	0.014	0.01
3000	75%	3003.50	16.014	3.50	0.014	0.01
4000	100%	4004.25	20.017	4.25	0.017	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	REVIEWED & APPROVED BY / INCHARGE	CLIENT
 Abdulrahman Loay	 <b>QUALITY CONTROL</b> <b>TEST 2</b> For Engineering Services LAB INCHARGE Asjad Rafiq	