



## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** August 19, 2023

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC/JN/23/00285	
CERTIFICATE NUMBER	: <b>QC230819-05</b>	

### CUSTOMER DETAILS

Name : **Schlumberger Drilling Company**  
 Address : North Rumaila Base south Iraq  
 Department : Wireline

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**  
 Manufacturer : NOV Elmar  
 Model : EN837-1  
 Serial Number : 210650579  
 Type : Analog  
 Range : 0 to 10000 psi  
 Calibrated Range : 0 to 10000 psi  
 Resolution : 100 psi  
 Accuracy Class : 2.5  
 Tolerance : 2.5 % from Each Reading  
 Location : Skid 042  
 Calibrated By : Asjad Rafiq  
 Calibration Date : August 19, 2023  
**Calibration Due : 18 August 2024**



**DEVIATION FROM STANDARD METHOD : None**  
**REMARK (S) :**

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°C      Humidity : 45.0 ± 5 % RH      Atm. Pressure : 1011.0 ± 10 hPa

### CALIBRATION METHOD

The above equipment has been calibrated in accordance with BS EN837-1  
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

### REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	SOURCE OF TRACEABILITY
Digital Pressure Gauge	468802	LT-221215-09	Liftek Iraq

### CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
psi	psi	psi	± psi
0	0.00	0.00	0.00
2500	2521.00	-21.00	62.50
5000	5032.00	-32.00	125.00
7500	7538.00	-38.00	187.50
10000	10042.00	-42.00	250.00

**Results :**

The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.  
 At The Time of Calibration. and ready for use.