

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** April 4, 2024

Page 1 of 1

<b>REQUEST NUMBER</b> : By Contract <b>JOB NUMBER</b> : QC/JN/24/0041 <b>CERTIFICATE NUMBER</b> : <b>QC240404-03</b>	APPROVED BY:  QUALITY CONTROL TEST 2 For Engineering Services
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### CUSTOMER DETAILS

**Name** : **Daqing Drilling Company IRAQ**  
**Address** : IRAQ, BASRA, SOUTH RUMAILA  
**Rig** : DQ037

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

**Description** : Pressure Relief Valve  
**Manufacturer** : National Oilwell VARCO  
**Model** : Type C/M2  
**Serial Number** : XK-20-1002804  
**Type** : Analog  
**Location** : Mud Pump  
**Range** : ( 1500-5000 ) psi  
**Tolerance** : 3%  
**Calibrated By** : Mahdi Haleem  
**Calibration Date** : April 4, 2024  
**Calibration Due** : **April 3, 2025**



### ENVIRONMENTAL CONDITIONS DURING TEST

**Ambient Temperature** : 25.0 ± 1°C    **Humidity** : 44.0 ± 5 % RH    **Atm. Pressure** : 1011.0 ± 10 hPa

### CALIBRATION METHOD

Standard Method API 527 was used to test the unit under test. Test pressure was applied on inlet of unit under test and test was repeated 3 times. Identical repetitions were carried out as recommended in used standard.

### REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	SOURCE OF TRACEABILITY
Digital Pressure Gauge	1505119397	LT-221215-03	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
1500	1483	17	45
3000	2969	32	90
5000	4949	51	150

**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.

**DEVIATION FROM STANDARD METHOD :** None

**REMARK (S) :**

The results relate to measurements taken at nominal value only.  
 Adjustments were made prior to calibration.  
 Accessories were fitted.

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