

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: May 27, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY	CAL INCHARGE QC
JOB NUMBER	: QC/JN/24/00223		
CERTIFICATE NUMBER	: QC240527-44		



### CUSTOMER DETAILS

Name : Zhongman Petroleum Engineering  
Address : Basra, South Iraq  
Rig : ZPEC025

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Relief Valve  
Manufacturer : China  
Model : TSF710048  
Serial Number : 5231  
Set/Pressure : 0.70 MPa  
Tolerance :  $\pm 3\%$   
Location : Poor Boy Degasser  
Calibrated By : Asjad Rafiq  
Calibration Date : May 27, 2024  
**Calibration Due** : May 26, 2025  
Last Calibration : NA



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature :  $22.0 \pm 2^{\circ}\text{C}$  Humidity :  $44.0 \pm 5\% \text{ RH}$  Atm. Pressure :  $1011.0 \pm 10 \text{ hPa}$

### 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 repeatings were carried out as recommended in used standard.

### REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	1505119397	Sino Instruments / HS108	20 Nov, 2023	19 Nov, 2024

### CALIBRATION TEST RESULTS

Set Value on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
MPa	MPa	MPa	$\pm \text{MPa}$
0.70	0.71	-0.01	0.02

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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