

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:  CHARGE QC
JOB NUMBER	: QC/JN/24/00223	
CERTIFICATE NUMBER	: QC240527-45	

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Relief Valve**
 Manufacturer : China
 Model : A27W-10T
 Serial Number : **6375**
 Set/Pressure : 1.00 MPa
 Tolerance : ±3 %
 Location : AIR TANK GENERATOR ROOM
 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 ± 2°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 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	± MPa
1.00	1.01	-0.01	0.03

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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