

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: October 5, 2024

REQUEST NUMBER : By Contract
JOB NUMBER : QC/JN/24/00375
CERTIFICATE NUMBER : QC241005-03

APPROVED BY: LAITH CHANGELI



CUSTOMER DETAILS

Name : Egyptian Maintenance Company(EMC) IRAQ
Address : Iraq, Basra, North Rumaila
Department : NA

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Relief Valve
Manufacturer : Swagelok
Model : NA
Serial Number : 726310001
Set/Pressure : 17.0 bar
Tolerance : $\pm 3\%$
Calibrated By : Asjad Rafiq
Calibration Date : October 5, 2024
Calibration Due : October 4, 2025
Last Calibration : NA



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : $25.0 \pm 1^{\circ}\text{C}$ 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

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
bar	bar	bar	$\pm \text{bar}$
17.0	17.05	-0.05	0.51

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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