

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 30, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY
JOB NUMBER	: QC/JN/24/00111	
CERTIFICATE NUMBER	: QC240130-04	



CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Vacuum Gauge**
 Manufacturer : WIKA
 Model : 316L
 Serial Number : EMC-PG-01
 Location : NA
 Type : Analog
 Range : 0 to -14 psi
 Calibrated Range : 0 to -14 psi
 Resolution : -0.5 psi
 Tolerance : 1 % from Each Reading
 As found Condition : Good
 Calibrated By : Asjad Rafiq
 Calibration Date : January 30, 2024
Calibration Due : 29 January 2025
 Last Calibration Date : NA



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 : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 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.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Vacuum Gauge	6933255	ASHCROFT	15 Nov, 2023	14 Nov, 2024

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	0.00	0.00	0.00
-3.0	-3.00	0.00	-0.03
-6.0	-6.02	0.02	-0.06
-9.0	-9.06	0.06	-0.09
-14.0	-14.09	0.09	-0.14

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

