

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	: QC240130-03	



CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**
 Manufacturer : WIKA
 Model : 316SS
 Serial Number : EMC-PG-05
 Location : NA
 Type : Analog
 Range : 0 to 580 psi
 Calibrated Range : 0 to 580 psi
 Resolution : 20 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 Pressure Gauge	468802	AMETEK / XP2i	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
psi	psi	psi	± psi
0	0.00	0.00	0.00
140	139.00	1.00	1.40
280	281.00	-1.00	2.80
320	322.00	-2.00	3.20
580	584.00	-4.00	5.80

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.

