


## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** January 30, 2024

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<b>REQUEST NUMBER</b> : By Contract <b>JOB NUMBER</b> : QC/JN/24/00111 <b>CERTIFICATE NUMBER</b> : <b>QC240130-02</b>	APPROVED BY:  
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### CUSTOMER DETAILS

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

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

**Description** : **Pressure Gauge**  
**Manufacturer** : WIKA  
**Model** : 316L  
**Serial Number** : EMC-PG-04  
**Location** : NA  
**Type** : Analog  
**Range** : 0 to 60 psi  
**Calibrated Range** : 0 to 60 psi  
**Resolution** : 1 psi  
**Tolerance** : 1.6 % 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
20	20.30	-0.30	0.32
40	40.40	-0.40	0.64
50	50.50	-0.50	0.80
60	60.50	-0.50	0.96

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.