


Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: November 30, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY LAB INCHARGE QC
JOB NUMBER	: QC240088	
CERTIFICATE NUMBER	: QC240088-08	

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**
 Manufacturer : HI-FORCE
 Model : EN 837-1
 Serial Number : 5432192814
 Type : Analog
 Range : 0 to 8000 psi
 Calibrated Range : 0 to 8000 psi
 Resolution : 250 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : November 30, 2024
Calibration Due : 29 November 2025



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°C Humidity : 40.0 ± 5 % RH Atm. Pressure : 1012.0 ± 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	November 5, 2024	November 4, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Tolerance Limit
psi	psi	psi	%
0	0.0	0.0	0.0
2000	2007.0	-7.0	-0.1
4000	4011.0	-11.0	-0.1
6000	6016.0	-16.0	-0.2
8000	8023.0	-23.0	-0.3

Results:

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