

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

**Date of Issue:** July 19, 2024

Page 1 of 1

|                    |                      |             |
|--------------------|----------------------|-------------|
| REQUEST NUMBER     | : By Contract        | APPROVED BY |
| JOB NUMBER         | : QC/JN/24/00279     |             |
| CERTIFICATE NUMBER | : <b>QC240718-41</b> |             |



### CUSTOMER DETAILS

Name : Hilong Oil Service & Engineering Company  
 Address : Basra - Iraq  
 Department : HL100

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**  
 Manufacturer : **MC**  
 Model : 00000314  
 Serial Number : **8065240Q**  
 Location : KOOMEY UNIT  
 Type : Analog  
 Range : 0 to 10 MPa  
 Calibrated Range : 0 to 10 MPa  
 Resolution : 0.1 MPa  
 Accuracy : 1.6  
 Tolerance : ±1.6 % of Full Scale  
 As found : In Tolerance  
 Calibrated By : Asjad Rafiq  
 Calibration Date : July 19, 2024  
 Calibration Due : **July 18, 2027**



**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) | Full Scale Error % |
|---|--------------------------|-------------------|--------------------|
| MPa   | MPa                      | MPa               | %                  |
| 0.0   | 0.00                     | 0.00              | 0.0                |
| 2.5   | 2.50                     | 0.00              | 0.0                |
| 5.0   | 5.01                     | -0.01             | -0.1               |
| 7.5   | 7.51                     | -0.01             | -0.1               |
| 10.0  | 10.02                    | -0.02             | -0.2               |

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.

