

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** July 18, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY
JOB NUMBER	: QC/JN/24/00279	
CERTIFICATE NUMBER	: <b>QC240718-18</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 : **18117497**  
 Location : POWER TONG HYDRAULIC SYSTEM  
 Type : Analog  
 Range : 0 to 25 MPa  
 Calibrated Range : 0 to 25 MPa  
 Resolution : 1 MPa  
 Accuracy : 2.5  
 Tolerance : ±2.5 % of Full Scale  
 As found : In Tolerance  
 Calibrated By : Asjad Rafiq  
 Calibration Date : July 18, 2024  
 Calibration Due : July 17, 2025



**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	0.00	0.00	0.0
6	6.13	-0.13	-0.5
12	12.15	-0.15	-0.6
18	18.20	-0.20	-0.8
25	25.24	-0.24	-1.0

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.

