

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 18, 2024

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REQUEST NUMBER	: By Contract	APPROVED BY
JOB NUMBER	: QC/JN/24/00279	
CERTIFICATE NUMBER	: QC240718-11	



CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Torque Gauge**
 Manufacturer : **MC**
 Model : 02000144
 Serial Number : **2032622**
 Location : POWER TONG
 Type : Analog
 Range : 0 to 25 MPa
 Calibrated Range : 0 to 25 MPa
 Resolution : 1 MPa
 Accuracy : 1.6
 Tolerance : ±1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Asjad Rafiq
 Calibration Date : July 18, 2024
Calibration Due : July 17, 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)	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	18.16	-0.16	-0.6
25	25.19	-0.19	-0.8

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.

