

## 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	: <b>QC240718-08</b>	



### CUSTOMER DETAILS

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

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Pressure Gauge**  
 Manufacturer : **TORR UP**  
 Model : NA  
 Serial Number : **190181**  
 Location : TORQUE WRENCH PUMP  
 Type : Analog  
 Range : 0 to 1000 bar  
 Calibrated Range : 0 to 1000 bar  
 Resolution : 100 bar  
 Accuracy : NA  
 Tolerance : ±1 % 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 %
bar	bar	bar	%
0	0.00	0.00	0.0
250	252.30	-2.30	-0.2
500	502.80	-2.80	-0.3
750	753.40	-3.40	-0.3
1000	1003.60	-3.60	-0.4

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.

