

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: May 27, 2024

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REQUEST NUMBER : By Contract  
JOB NUMBER : QC/JN/24/00223  
CERTIFICATE NUMBER : QC240527-09

APPROVED BY: [Signature]



### CUSTOMER DETAILS

Name : Zhongman Petroleum Engineering  
Address : Basra, South Iraq  
Department : ZPEC025

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge  
Manufacturer : WIKA  
Model : EN837-1  
Serial Number : 147550  
Location : MUD TANK NO. 04 - CASCADE  
Type : Analog  
Range : 0 to 350 psi  
Calibrated Range : 0 to 350 psi  
Resolution : 10 psi  
Accuracy Class : 1.6  
Tolerance : 1 % of Full Scale  
As found : In Tolerance  
Calibrated By : Asjad Rafiq  
Calibration Date : May 27, 2024  
**Calibration Due : 26 May 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)	Error Percentage
psi	psi	psi	±
0	0	0.0	0.0
50	49.6	0.4	0.1
100	99.8	0.2	0.1
200	200.1	-0.1	0.0
300	300.3	-0.3	-0.1
350	351.1	-1.1	-0.3

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.



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