

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

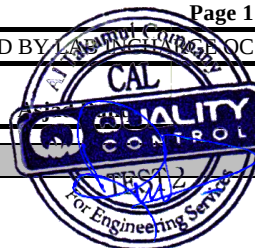
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Date of Issue: May 20, 2024

Page 1 of 1

REQUEST NUMBER : By Contract  
JOB NUMBER : QC/JN/24/00217  
CERTIFICATE NUMBER : QC240520-03

APPROVED BY: [Signature] QC



### CUSTOMER DETAILS

Name : HONGHUA OIL & GAS ENGINEERING SERVICES LTD. IRAQ  
Address : Majnoon Oil Field , Basra - Iraq  
Location : HH008

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge  
Manufacturer : MC  
Model : 00000314  
Serial Number : 19084448S  
Type : Analog  
Location : Remote BOP Control Panel  
Range : 0 to 3500 psi  
Calibrated Range : 0 to 3500 psi  
Resolution : 100 psi  
Tolerance :  $\pm 1$  % of Full Scale  
As found : In Tolerance  
Calibrated By : Hussein Alaa  
Calibration Date : May 20, 2024  
**Calibration Due : 19 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 :  $25.0 \pm 2^{\circ}\text{C}$  Humidity :  $44.0 \pm 5\% \text{ RH}$  Atm. Pressure :  $1011.0 \pm 10 \text{ hPa}$

### 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               | $\pm$            |
| 0                                             | 0.00                     | 0.00              | 0.0              |
| 500                                           | 492                      | 8.00              | 0.2              |
| 1500                                          | 1495                     | 5.00              | 0.1              |
| 2500                                          | 2503                     | -3.00             | -0.1             |
| 3500                                          | 3508                     | -8.00             | -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.