

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: August 5, 2024

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|                    |                  |                  |                                                          |
|--------------------|------------------|------------------|----------------------------------------------------------|
| REQUEST NUMBER     | : By Contract    | CUSTOMER DETAILS |                                                          |
| JOB NUMBER         | : QC/JN/24/00310 | Name             | Halliburton Worldwide IRAQ (WPS)                         |
| CERTIFICATE NUMBER | : QC240805-02    | Address          | Western Burjesia, Oil Street, District Zubair-South Iraq |

Description : Pressure Gauge  
Manufacturer : Haskel  
Model : EN 837-1  
Serial Number : 102954980  
Type : Analog  
Location : Pressure Test Pump S/NO. AEME12F033 (SAP 12268807)  
Range : 0 to 15000 psi  
Calibrated Range : 0 to 15000 psi  
Resolution : 125 psi  
Accuracy : 1.0  
Tolerance :  $\pm 1.0$  % of Full Scale  
As found : In Tolerance  
Calibration Date : August 5, 2024  
**Calibration Due** : 04 August 2025  
Last Calibration : June 1, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature :  $35.0 \pm 2^{\circ}\text{C}$  Humidity :  $15.0 \pm 5\% \text{ RH}$  Atm. Pressure :  $1013.0 \pm 10 \text{ hPa}$

### 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

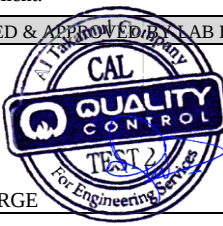
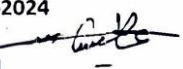
| DESCRIPTION            | SERIAL NO. | MAKE / MODEL  | CALIBRATION DATE | CALIBRATION DUE DATE |
|------------------------|------------|---------------|------------------|----------------------|
| Digital Pressure Gauge | 468802     | AMETEK / XP2i | 20 Nov, 2023     | 19 Nov, 2024         |

### CALIBRATION TEST RESULTS

| Measured Values on Unit Under Calibration (M) | Ref. Standard Values (A) | Deviation (D=M-A) | Full Scale Error % |
|-----------------------------------------------|--------------------------|-------------------|--------------------|
| psi                                           | psi                      | psi               | %                  |
| 0                                             | 0.00                     | 0.00              | 0.0                |
| 3750                                          | 3758                     | -8.00             | -0.1               |
| 7500                                          | 7512                     | -12.00            | -0.1               |
| 11250                                         | 11265                    | -15.00            | -0.1               |
| 15000                                         | 15019                    | -19.00            | -0.1               |

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.

| CALIBRATED BY                                                                                       | REVIEWED & APPROVED BY LAB INCHARGE                                                                             | CLIENT                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Hussein Alaa | <br>LAB INCHARGE Asjad Rafiq | <b>ALI Talib HB48903</b><br>Date: 05-08-2024<br>Signature <br>Halliburton |