

## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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**Date of Issue:** September 19, 2024

|                    |                       |                         |
|--------------------|-----------------------|-------------------------|
| REQUEST NUMBER     | : By Contract         | APPROVED BY: ALI CHANGI |
| JOB NUMBER         | : QC/JN/24/00357      |                         |
| CERTIFICATE NUMBER | : <b>QC240919-015</b> |                         |



### CUSTOMER DETAILS

Name : Hilong Oil Service & Engineering Company  
 Address : Basra - Iraq  
 Department : HL99

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Relief Valve  
 Manufacturer : NA  
 Model : NA  
 Serial Number : 2A18544  
 Set/Pressure : 550 psi  
 Tolerance : ±3 %  
 Location : NA  
 Calibrated By : Hussein Alaa  
 Calibration Date : September 19, 2024  
**Calibration Due : September 18, 2026**



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 1°C      Humidity : 44.0 ± 5 % RH      Atm. Pressure : 1011.0 ± 10 hPa

### CALIBRATION METHOD

Standard Method API 527 was used to test the unit under test. Test pressure was applied on inlet of unit under test and test was repeated 3 times. Identical repeatings were carried out as recommended in used standard.

### REFERENCE EQUIPMENT USED

| DESCRIPTION            | SERIAL NO. | MAKE / MODEL             | CALIBRATION DATE | CALIBRATION DUE DATE |
|------------------------|------------|--------------------------|------------------|----------------------|
| Digital Pressure Gauge | 1505119397 | Sino Instruments / HS108 | 20 Nov, 2023     | 19 Nov, 2024         |

### CALIBRATION TEST RESULTS

| Measured Values on Unit Under Calibration (M) | Ref. Standard Values (A) | Deviation (D=M-A) | Tolerance Limit |
|---|--------------------------|-------------------|-----------------|
| psi   | psi                      | psi               | ± psi           |
| 550.0   | 551.3                    | -1.3              | 16.50           |

Results :

The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.

At The Time of Calibration. and ready for use.

**DEVIATION FROM STANDARD METHOD :** None

**REMARK (S) :**

- The results relate to measurements taken at nominal value only.
- Adjustments were made prior to calibration.
- Accessories were fitted.

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