

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue:

July 3, 2025

REQUEST NUMBER : By Contract  
JOB NUMBER : QC-CAL-25248  
CERTIFICATE NUMBER : QC-CAL-25248-04

APPROVED BY LAB INCHARGE-QC

Asiad Haddad

### CUSTOMER DETAILS

Name : Daqing Drilling Company Iraq  
Address : South Rumaila South Iraq  
Rig : DQ037

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : H2S Portable Sensor  
Manufacturer : HONEYWELL  
Model : BW CLIP H2S  
Serial Number : 5220BWC01241402029  
Type : Digital  
Calibrated Range : 25 PPM H2S  
As found : Good  
Calibrated By : Abdulrahman Loay  
Calibration Date : July 3, 2025  
**Calibration Due : October 2, 2025**

| Alarm Details | Low | High |
|---------------|-----|------|
| H2S PPM       | 10  | 15   |



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 31 °C ± 2 °C  
Relative Humidity : 30 %RH ± 5 %RH

### CALIBRATION METHOD

A reference cylinder consisting of Sulphur Dioxide (H2S) Gas is used , which are detected by gas detector by diffusion.

### TRACEABILITY

The measurements made by QC Calibration & Testing Labs are traceable to NIST, vide Calgaz Certificate of Analysis  
The measurements made by QC Calibration & Testing Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

### REFERENCE EQUIPMENT USED :

| DESCRIPTION                                | SERIAL NO. | MAKE   | GAS EXPIRY DATE |
|--|------------|--------|-----------------|
| Multigas Calibration cylinder (25 PPM H2S) | WO463909-3 | CALGAZ | July 31, 2026   |

### CALIBRATION TEST RESULTS

| Gas Name         | Values of UUC | Values on Reference Standard | Error in Reading of UUC | Uncertainty of Measurement |
|------------------|---------------|------------------------------|-------------------------|----------------------------|
| H2S Gas (25 ppm) | 25.0          | 25                           | 0                       | ± 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.