

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Page 1 of 1

Date of Issue: July 4, 2025

REQUEST NUMBER : By Contract  
JOB NUMBER : QC-CAL-25247  
CERTIFICATE NUMBER : QC-CAL-25247-03

APPROVED BY LAB INCHARGE-QC

### CUSTOMER DETAILS

Name : Daqing Drilling Company Iraq  
Address : South Rumaila South Iraq  
Rig : DQ012 ( Mud Logger )

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : H2S Portable Sensor  
Manufacturer : HONEYWELL  
Model : BW CLIP H2S  
Serial Number : 5220BWC01231907828  
Type : Digital  
Calibrated Range : 25 PPM H2S  
As found : Good  
Calibrated By : Abdulrahman Loay  
Calibration Date : July 4, 2025  
**Calibration Due : October 3, 2025**

Alarm Details	Low	High
H2S PPM	10	15



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 28 °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
Gas Calibration cylinder (25 PPM H2S)	C011126	CALGAZ	April 30, 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.