

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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**Date of Issue:** February 3, 2024

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REQUEST NUMBER	By Mail	APPROVED BY: [Signature] CALIBRATION ENGINE-QC
JOB NUMBER	QC/JN/24/00120	
CERTIFICATE NUMBER	QC240203-10	



### CUSTOMER DETAILS

Name : Daqing Drilling Company IRAQ  
 Address : Basra, South Iraq  
 Rig : DQ038

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Portable H2S Gas Detector**  
 Manufacturer : Honeywell  
 Model : BW Clip  
 Serial Number : 5220BW01230213446  
 Type : Digital  
 Calibrated Range : 25 PPM H2S  
 As found : Good  
 Calibrated By : Asjad Rafiq  
 Calibration Date : February 3, 2024

Alarm Details	Low	High
H2S PPM	10	20



**Calibration Due** May 2, 2024 3 Months Validity from the date of Calibration

### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 20 °C ± 2 °C  
 Relative Humidity : 30 %RH ± 5 %RH

### CALIBRATION METHOD

A reference cylinder consisting of Hydrogen Sulfide (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
H2S Gas (25 ppm)	950-092876	CALGAZ	27/06/2025

### 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	± 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.