

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

**Date of Issue:** December 16, 2024

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REQUEST NUMBER	By Contract	APPROVED FOR CALIBRATION
JOB NUMBER	QC-YB-240123	CALIBRATION RANGE-QC
CERTIFICATE NUMBER	QC-YB-240123-07	TEST 2



### CUSTOMER DETAILS

Name : Daqing Drilling Company IRAQ  
Address : Basra, South Iraq  
Rig : DQ022

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : H2S Portable Sensor  
Manufacturer : Honeywell  
Model : BW Clip H2S  
Serial Number : 5220BWC01230213415  
Type : Digital  
Calibrated Range : 25 PPM H2S  
As found : Good  
Calibrated By : Hussein Alaa  
Calibration Date : December 16, 2024  
**Calibration Due : March 15, 2025**

Alarm Details	Low	High
H2S PPM	10	15



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °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)	950-106554	CALGAZ	18-Aug-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)	25.1	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.