

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	QC240203-03	



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 : 5220BW01230213295
 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)	24.0	25	1.0	± 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.

