

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue:

July 13, 2025

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REQUEST NUMBER : By Contract JOB NUMBER : QC-CAL-25262 CERTIFICATE NUMBER : QC-CAL-25262-21	APPROVED BY LAB INCHARGE-QC
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CUSTOMER DETAILS

Name : **Daqing Drilling Company Iraq**
 Address : South Rumaila South Iraq
 Rig : DQ038


EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **H2S Portable Sensor**
 Manufacturer : HONEYWELL
 Model : BW CLIP H2S
 Serial Number : 5220BWC01230213403
 Type : Digital
 Calibrated Range : 25 PPM H2S
 As found : Good
 Calibrated By : Hussein Alaa
 Calibration Date : July 13, 2025
Calibration Due : October 12, 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)	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.