

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue: April 16, 2025

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REQUEST NUMBER : By Contract JOB NUMBER : QC-CAL-25133 CERTIFICATE NUMBER : QC-CAL-25133-22	APPROVED BY LAB INCHARGE QC 
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CUSTOMER DETAILS

Name : **Daqing Drilling Company Iraq**
 Address : South Rumaila South Iraq
 Rig : DQ037

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Multigas Detector**
 Manufacturer : Honeywell
 Model : BW Max XT II
 Serial Number : MA223-013568
 Type : Digital
 Calibrated Range : 25 PPM H2S 100 PPM CO
 18% O2 50% LEL

Alarm Details	Low	High
Oxygen (O2) %	19.5	23.5
H2S-ppm	10	20
CH4-%LEL	10	20
CO-ppm	35	200

Calibrated By : Hussein Alaa
 Calibration Date : April 16, 2025
Calibration Due : July 15, 2025



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25 °C ± 2 °C
 Relative Humidity : 35 %RH ± 5 %RH

CALIBRATION METHOD

A reference cylinder consisting of composition gases (O2, LEL, H2S, CO) is used , which are detected by gas detector by diffusion.

TRACEABILITY

The measurements made by Aberdeen Calibration & Testing Labs are traceable to NIST, vide CALGAZ Certificate of Analysis
 The measurements made by Aberdeen Calibration & Testing Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by Aberdeen.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	MAKE	GAS EXPIRY DATE
Mixture of Gases.	950-092876	CALGAZ	July 31, 2026

CALIBRATION TEST RESULTS

Gas Name	Values of UUC	Values on Reference Standard	Error in Reading of UUC	Uncertainty of Measurement
Oxygen(O2)%	18	18	0	± 1
Methane(CH4) LEL	50	50	0	± 1
Carbon Monoxide(CO) ppm	100	100	0	± 1
Hydrogen Sulphide(H2S) ppm	25	25.0	0	± 1

Results :

The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.
 At The Time of Calibration. and ready for use.

REMARK (S) :

- The results are as found (no adjustment done).
- The results are post adjustment.