

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue: July 3, 2025

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REQUEST NUMBER	: By Contract	APPROVED BY LAB INCHARGE QC
JOB NUMBER	: QC-CAL-25248	
CERTIFICATE NUMBER	: QC-CAL-25248-02	

### 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 : July 3, 2025  
**Calibration Due : October 2, 2025**



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 31 °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.