

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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**Date of Issue:**

February 18, 2024

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REQUEST NUMBER	By Mail	APPROVED
JOB NUMBER	QC/JN/24/0024	LAB. NO. RANGE-QC
CERTIFICATE NUMBER	QC240218-09	TEST 2


**CUSTOMER DETAILS**

Name : **Daqing Drilling Company IRAQ**  
 Address : Basra, South Iraq  
 Rig : DQ011

**EQUIPMENT IDENTIFICATION AND SPECIFICATIONS**

Description : **Portable H2S Gas Detector**  
 Manufacturer : HONEYWELL  
 Model : BW Clip  
 Serial Number : 5220BWC01214716859  
 Type : Digital  
 Calibrated Range : 25 PPM H2S  
 As found : Good  
 Calibrated By : Mahdi Haleem  
 Calibration Date : February 18, 2024

Alarm Details	Low	High
H2S PPM	10	15


**Calibration Due**

May 17, 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 Sulfided (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)	955-545316	CALGAZ	1/3/2025

**CALIBRATION TEST RESULTS**

Gas Name	Values of UUC	Values on Reference Standard	Error in Reading of UUC	Uncertainty of Measurement
H2S Gas (25 ppm)	23.0	25	2.0	± 0.2

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.