

Al Takamul Company For Engineering Services Quality Control - Iraq

APPROVE

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue: May 11, 2024 REQUEST NUMBER By Mail QC/JN/24/00209 JOB NUMBER QC240511-19 ERTIFICATE NUMBER

CUSTOMER DETAILS

: Daqing Drilling Company IRAQ Name

Address : Basra, South Iraq

: DQ011 Rig

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Portable H2S Gas Detector Description

Manufacturer HONEYWELL

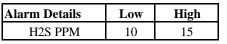
Model Neotronics Impulse XP

x12340122 Serial Number Type Digital 25 PPM H2S Calibrated Range

As found Good Calibrated By Asjad Rafiq

May 11, 2024 Calibration Date

August 10, 2024 **Calibration Due** 3 Months Validity from the date of Calibration





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GE-OC

ENVIRONMENTAL CONDITIONS DURING TEST

22 °C **Ambient Temperature** 2°C Relative Humidity 30 %RH 5 %RH

CALIBRATION METHOD

A reference cylinder consisting of Sulpher 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	950-106554	CALGAZ	21/08/2025
PPM H2S)	930-100334	CALGAZ	21/06/2023

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.















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