

Al Takamul Company For Engineering Services Quality Control – Iraq

APPROVE

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue:May 11, 2024REQUEST NUMBERBy MailJOB NUMBERQC/JN/24/00209

ERTIFICATE NUMBER QC240511-21

CUSTOMER DETAILS

Name : Daqing Drilling Company IRAQ

Address : Basra, South Iraq

Rig : DQ011

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

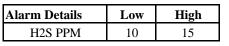
Description Portable H2S Gas Detector

Manufacturer Sperian
Model NA
Serial Number 112181051
Type Digital
Calibrated Range 25 PPM H2S

As found Good

Calibrated By Asjad Rafiq
Calibration Date May 11, 2024

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





Page 1 of 1

GE-OC

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature 22 °C \pm 2 °C Relative Humidity 30 %RH \pm 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) | 750-100354 | CALGAZ | 21/00/2023 |

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.















Address : North Rumaila, Al Takamul Yard

Contact: +9647810009138