

Al Takamul Company For Engineering Services Quality Control – Iraq

APPROVED 1

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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Date of Issue:May 26, 2024REQUEST NUMBERBy MailJOB NUMBERQC/JN/24/00223ERTIFICATE NUMBERQC240526-13

CUSTOMER DETAILS

Name : Zhongman Petroleum Engineering

Address : Basra, South Iraq Rig : ZPEC025

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description Portable H2S Gas Sensor

Manufacturer HONEYWELL

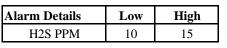
Model Neotronics Impulse XP

Serial Number X15390254
Type Digital
Calibrated Range 25 PPM H2S

As found Good

Calibrated By Asjad Rafiq
Calibration Date May 26, 2024

Calibration Due August 25, 2024 3 Months Validity from the date of Calibration





GE-OC

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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 PPM H2S)	950-106554	CALGAZ	21/08/2025

CALIBRATION TEST RESULTS

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