

Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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REQUEST NUMBER :	: By Contract	APPROVED BY: LAB IN CHARGE QC
JOB NUMBER :	: QC/JN/24/002	
CERTIFICATE NUMBER :	: QC240102-41	



CUSTOMER DETAILS

Name : **Zhongman Petroleum and Natural Gas Group Corp, LTD**
 Address : Basra ,South Rumaila, South Iraq
 Rig Number : ZPEC35

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Fixed H2S Gas Sensor	Alarm Details	Low	High
Manufacturer : OLDHAM	H2S PPM	5	10
Model : GC720			
Serial Number : 2148043			
Location : Spare			
Type : Digital			
Calibrated Range : 25 PPM H2S			
Calibrated By : Mahdi Haleem			
Calibration Date : January 2, 2024			
Calibration Due : April 1, 2024			



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature :	19.3 °C	±	0.1 °C
Relative Humidity :	42.3 %RH	±	0.5 %RH

CALIBRATION METHOD

A reference cylinder consisting of gas (H2S) is used , which are detected by gas detector by diffusion.

TRACEABILITY

The measurements made by QC Calibration & Testing Labs are traceable to NIST, vide Intermountain Speciality Gases 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
Multi Gas Cylinder (h2s 25 ppm , LEL 50%)	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 PPM	25	25	0.00	± 2

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.