

## Certificate of Calibration

AlTakamul Yard, North Rumaila-South Iraq

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**Date of Issue:** July 13, 2025

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REQUEST NUMBER	By Contract	APPROVED BY: 
JOB NUMBER	QC-CAL-25262	
CERTIFICATE NUMBER	QC-CAL-25262-23	



### CUSTOMER DETAILS

Name : **Daqing Drilling Company Iraq**  
 Address : South Rumaila South Iraq  
 Rig : DQ038

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **N2 Gas Analyser**  
 Manufacturer : G5  
 Model : A-1053  
 Serial Number : CAL-DQ38-15401  
 Type : Digital  
 Range : 0% To 100%  
 Calibrated Range : 99.99 %  
 Calibrated By : Hussein Alaa  
 Calibration Date : July 13, 2025  
**Calibration Due : October 12, 2025**



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2 °C  
 Relative Humidity : 40 %RH ± 5 %RH

### CALIBRATION METHOD

A reference cylinder consisting of gas (N2) 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
N2 CALIBRATION GAS	174562-23	DRAGER	November 15, 2025

### CALIBRATION TEST RESULTS

Gas Name	Values of UUC %	Reference Standard Value %	Error in Reading of UUC	Uncertainty of Measurement
Nitrogen (N2)	99.99	99.97	-0.02	± 1

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