

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: July 3, 2025

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REQUEST NUMBER	By Contract	APPROVED BY:  LAB IN CHARGE
JOB NUMBER	QC-CAL-25248	
CERTIFICATE NUMBER	QC-CAL-25248-27	

CUSTOMER DETAILS

Name : **Daqing Drilling Company Iraq**
 Address : South Rumaila South Iraq
 Rig : DQ037

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **N2 Gas Analyser**
 Manufacturer : G5
 Model : A-1053
 Serial Number : **CALDQ25041715**
 Type : Digital
 Range : 0% To 100%
 Calibrated Range : 99.99 %
 Calibrated By : Hussein Alaa
 Calibration Date : July 3, 2025
Calibration Due : **July 2, 2026**



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 31 °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	99.99	0.00	± 1

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