

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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

Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract
JOB NUMBER : QC/JN/24/00193
CERTIFICATE NUMBER : QC240427-06

APPROVED BY : ASJAD RAFIQ



CUSTOMER DETAILS

Name : DQ (MUD UNIT)
Address : Rumaila Base south Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Viscometer**
Manufacturer : FANN
Model : 35A
Serial Number : C44195
Range : 3- 600 RPM
Resolution : NA
As Found : In Tolerance
Calibrated By : Asjad Rafiq
Calibration Date : April 27, 2024
Calibration Due : **April 26, 2025**
Last Calibration : NA

ENVIRONMENTAL CONDITIONS DURING TEST

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

CALIBRATION METHOD

The above equipment has been calibrated by measuring RPM against a Reference Standard Non Contact Tachometer
The deviations of the measurement obtained from UUC with respect to reference standards are determined to obtain the error .

TRACEABILITY

The measurements made by Issued by: Quality Control Calibration & Testing Lab., 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 / MODEL	CALIBRATION DATE	DUE DATE
Digital Tachometer	8598564223	FLUKE / 930	November 20, 2023	November 19, 2024

CALIBRATION TEST RESULTS

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95% C.L)
RPM	RPM	RPM	± RPM
3	3.0	0.0	0.2
6	6.1	0.1	0.2
100	99.0	-1.0	2.0
200	198.0	-2.0	2.0
300	298.0	-2.0	2.0
600	600.0	0.0	2.0

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

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

REMARK (S) : ☒ The results are as found (no adjustment done).
☐ The results are post adjustment.