

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract

APPROVED BY : B IN / MARCO

JOB NUMBER : QC/JN/24/00193

CERTIFICATE NUMBER : QC240427-03

**CUSTOMER DETAILS**Name : DQ (MUD UNIT)
Address : Rumaila Base south Iraq**EQUIPMENT IDENTIFICATION AND SPECIFICATIONS**Description : **High Speed Mixer**
Manufacturer : HAITONGDA
Model : GJ-3H
Serial Number : 102502306001
Range : 3000-11000 RPM
Resolution : 5, 10, 100 RPM
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
0	0	0	0
3000	3005	5	5
5000	5009	9	5
8000	8011	11	5
11000	11015	15	5

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.Address : North Rumaila, Al Takamul Yard
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