

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 15, 2025

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REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-CAL-25268	Name Halliburton Worldwide IRAQ (Baroid)
CERTIFICATE NUMBER : QC-CAL-25268-03	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Digital Non Contact Tachometer	Calibration Date July 15, 2025
Manufacturer : Fisher Scientific	Calibration Due July 14, 2026
Model : 255YL	Last Calibration NA
Serial Number : 140736636	
Type : Digital	
Range : 10 to 99999 RPM	
Calibrated Range : 10 to 99990 RPM	
Readability : 0.1 to 1 RPM	
As Found : In Tolerance	
Accuracy : 0.05%	



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 2°C Humidity : 40.0 ± 5 % RH Atm. Pressure 1012.0 ± 10 hPa

CALIBRATION METHOD

Tachometer is calibrated against the simulated signal (Frequency) generated by Fluke process calibrator with the addition of a LED as the source of reference value.

REFERENCE EQUIPMENT USED :

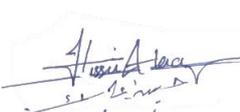
DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Process Calibrator	F58962147	FLUKE / 754	November 5, 2024	November 4, 2025

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Difference	Expanded Uncertainty (U)
RPM	RPM	RPM	± RPM
5.0	0.0	5.0	0.5
500.3	500.0	0.3	2.0
8002.0	8000.0	2.0	5.0
50005.0	50000.0	5.0	6.0
99997.0	99990.0	7.0	6.0

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.

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

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

CALIBRATED BY  Hussein Alaa	REVIWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafic	CLIENT
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