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Calibration of Electro Technical,
Thermal, Pressure, Dimensional,
Volume, Sound & RPM Parameters.

NABL ACCREDITED LABORATORY
ISO / IEC 17025 : 2017

CALIBRATION CERTIFICATE

Equipment Name	Centrifuge	Certificate No	2022-12-252-1865
Calibration Item	RPM Indicator		

Date of Receipt	Date of Calibration	Next Recommended Due Date	Certificate Issue Date	Page No
17 December 2022	17 December 2022	16 December 2023	19 December 2022	01 of 01

I. Customer Name & Address	M/S. DLS Diagnostic Laboratory Services Bajaj Nagar, More Chowk Waluj Dist : Aurangabad
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II. Description of Item Under Calibration :			
Instrument ID No	DLS/CF-01	Range	0 to 5000 rpm
Make / Model	-	Resolution	1 RPM
Type	Non-Contact Mode	Location	LAB

III Environment Condition :			
Temperature	20 to 35 °C	Work Instruction No	RK-WI-35 / Discipline: Mechanical
Relative Humidity	45 % to 75 % RH	Reference Standard Used	IS-1248
Location Of Calibration	At Site	Conditioned of Receipt Item	Good
ULR No	CC249722000001865F		


IV. Detail of Refrence Stanadard used for calibration (Traceable To National / International Standard)					
Instrument Name	ID No	Traceability (Cert No)	Date of Calibration	Valid upto	Traceability
Digital Tachometer	RK-STD-25	NI/2207/096/001	04 August 2022	3-Aug-2023	NABL, CC-2294

V: Calibration Result :				
Calibration Points	Standard Reading	UUC Reading	Error	± Expanded Uncertainty
rpm	rpm	rpm	rpm	%
100	99.5	100	0.5	9.50
500	498	499	1.0	9.50
1000	997	998	1.0	9.50
2000	1995	1997	2.0	9.50
3000	2993	2997	4.0	9.50

The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for normal distribution

VI: Note:

- 1) UUC stands for Unit Under Calibration.
- 2) Next calibration date (1 Year) mentioned in the certificate is given as per customer request
- 3) This certificate refers only to the particular item submitted for calibration
- 4) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "RK Technologies, Nashik".
- 5) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.


Calibrated By
Mr. Yogesh Berad
Calibration Engineer


Review & Approved By
Mr. Rahul Kasture
Technical Manager

