



CALIBRATION CERTIFICATE

JOB ORDER NO	AIC/SRF/22-23/220319	PAGE NUMBER	01 of 02
CERTIFICATE NUMBER	AIC/22-23/220319-01	ULR NO:CC267422000001365F	Date of Issue:07-03-2022
CUSTOMER ADDRESS	M/S GOVERNMENT HEAD QUARTERS HOSPITAL, KARUR,		
DEVICE UNDER CALIBRATION DETAILS			
NOMENCLATURE	CENTRIFUGE		
MAKE	REMI		
MODEL NO	8C		
SERIAL NUMBER	ZHBN06264		
RANGE	0-5000 RPM		
RESOLUTION	1 RPM		
LOCATION	ICTC LAB		
ID NUMBER	-		
DEVICE UNDER CALIBRATION RECEIVED DATE	5-Mar-22		
CALIBRATION DATE	5-Mar-22		
RECOMMENDED NEXT DUE DATE	4-Mar-23		
CONDITION OF ITEM ON RECEIPT	GOOD		
REFERENCE STANDARDS DETAILS			
	MASTER 1	MASTER 2	MASTER 3
NOMENCLATURE	DIGITAL TACHOMETER		
MAKE	LUTRON		
MODEL NO	DT-2236		
SERIAL NUMBER	S009576		
RANGE (RPM)	2.5 to 99999		
TRACEABILITY DETAILS	CRMTL/01/421105005-A3		
VALIDITY	31-Jan-23		
TEMPERATURE (°C)	25± 3	RELATIVE HUMIDITY (%RH)	40-80
CALIBRATION PROCEDURE	CP-M02-2016		

CALIBRATED BY  R.UVARAJ CALIBRATION ENGINEER	 SEAL OF ARROW	APPROVED BY  A.MASILAN TECHNICAL MANAGER
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CALIBRATION RESULTS

Range	DUC Readings	Master Reading	Deviation	Expanded Uncertainty (\pm) in %
RPM	RPM	RPM	RPM	%
0-5000 RPM	500	499.3	-0.7	0.42
	1000	998.6	-1.4	0.22
	2000	1994	-6	0.22
	3000	2994	-6	0.16
	3500	3493	-7	0.14
	5000	4990	-10	11.48

REMARKS

1. The above mentioned device under calibration was calibrated at Site.
2. The recalibration interval should be determined on the user requirement.
3. The results stated in this certificate relate only to the item calibrated.
4. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
5. Any correction / Modification in this calibration report kindly inform with in 30 days.
6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor $k=2.00$.
7. Calibration of the DUC are traceable to National Standards/International Standards.

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