



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory

CALIBRATION CERTIFICATE



Customer Name & Address	Certificate No. : MTPL/23/1619/3
EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL, Sanathnagar, Hyderabad – 500038.	Equipment Received On : 21/08/2023
	Equipment Condition : Satisfactory
	Date of Calibration : 21/08/2023
	Recommended Calibration Due : 20/08/2024
	Date of Issue : 22/08/2023
MECHANICAL(SPEED)DISCIPLINE	ULR No: : CC219123000017965F

Details of Unit Under Calibration:

Instrument Specification : Centrifuge	Location : Microbiology
Make : REMI	Range : 0 to 6000 rpm
Model : R-8C BL	Resolution : 10 rpm
Id No. : LEC-13266	Unit Under Measurement : rpm
Location : ---	

Standard used for calibration:

Instrument Name	Instrument Sr. No. / Id No.	Certificate No.	Calibration Due On	Traceability with NABL Lab No.
Digital Tachometer	METSAR-TM-005	CC/ECL/1665/22-23	22/01/2024	CC-2287

Environmental Conditions		SOP Number
Temperature 23 ± 3°C	Humidity 40 to 60% RH	MTPL/CL/SOP/ME/01

Results of Calibration:

Sr. No.	Set Value in rpm	STD Reading in rpm	UUC Reading in rpm	Error (±) in rpm	Expanded Uncertainty (±) in rpm
1	100	100.02	100	0.02	3.3
2	500	500.05	500	0.05	3.3
3	1000	1000.1	1000	0.1	3.3
4	3000	3000.2	3000	0.2	3.3
5	6000	6000.5	6000	0.5	3.3

Remarks:

- The Standard used for calibration traceable to National/International standards through unbroken chain of Accredited Laboratories.
- The results stated in this certificate relate only to the item calibrated.
- UUC means Unit Under Calibration.
- The reported expanded uncertainty of measurement is stated at a confidence level of approximately 95.45% with coverage factor k=2.
- Certificate shall not be reproduced except in full without the written approval of the laboratory.
- Results reported are valid at the time of and under the stated conditions of measurements.
- The above UUC was calibrated at Site.

Calibrated By
CH. Sairam
Calibration Engineer

Certificate Approved By
M. Ramratan
Technical Manager

****End of Calibration Certificate****

MTPL/CL/FF/CC/ME/RM

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