



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory

CALIBRATION CERTIFICATE



CC-2191

Customer Name & Address	Certificate No.	: MTPL/23/1619/2
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:	: CC219123000017964F

Details of Unit Under Calibration:

Instrument Specification	: Mini Rotary Shaker	Location	: Microbiology
Make	: REMI	Range	: 30 to 450 rpm
Model	: RS-12 LPUS	Resolution	: 1 rpm
Id No.	: ZFAS-02164	Unit Under Measurement	: rpm
Location	: ESICSSH/MICRO/EQ 7		

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	200	200.05	200	0.05	3.3
3	300	300.14	300	0.14	3.3
4	450	450.35	450	0.35	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

METSAR TECHNOLOGIES PVT. LTD.

An ISO 9001-2015 Certified Company

Page 1 of 1