

CALIBRATION CERTIFICATE

Format No.: F-48/17		Issue/Rev.: 01/00	
Certificate No. : MCS/22000002897	Date of Calibration : 17/12/2022	Recommended Due Date : 16/12/2023	Certificate Issue Date : 19/12/2022
ULR No. : CC313322000002897F			
Discipline : Mechanical			
Group : Acceleration & Speed			
Name & Address of Customer : M/s.Shilp Pathology Laboratory SF/9-10,Shree Ratna Complex,Nr.Akbar Nagar Circle, Nava Vadaj,Ahmedabad.	Condition On Receipt : Satisfactory	Receipt No. : MCS/315-03	Receipt Date : 17/12/2022
	Location of Calibration : Site		
Details Of Unit Under Calibration:			
Nomenclature : Centrifuge	Serial No. : ZICN-13952	ID No. : SPL/01/C	
Make/Model : Remi / C-854/8			
Range : 0 to 3500 RPM			
L.C. : --			
Details of standard Used :			
Nomenclature : Digital Tachometer	Certificate No. : HT/CC/221121-08/001	Valid Up to : 22/11/2023	
Id.No : MCS/DTM/01			
The Standards used for Calibration is traceable to national /International Standard			
Work Instruction No : MCS/CP/17	Standard Used : Sanas TR 45-02		
Method Used : Comparison Method			
Environment Details			
Temperature : 25.1 °C		Relative Humidity : 53 % RH	

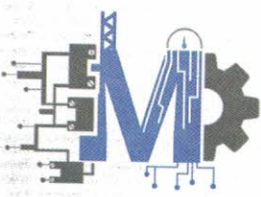
Calibrated By-(CE)

Hardik Prajapati



Authorised Signatory-(TM)

Sachin Gujarathi



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Calibration Result

All Readings are in RPM

Sr. No	Speed Regulator Set	UUC Value	Standard Measured Reading	Error	Expanded Uncertainty (\pm)
1	1	1000	1003.0	-3.0	3.1
2	2	2000	1996.7	3.3	3.1
3	3	2250	2246.4	3.6	3.1
4	4	2500	2503.7	-3.7	3.1
5	5	3000	3005.2	-5.2	3.1

Note : * UUC -Unit Under Calibration

* All Readings are average of five readings.

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- Note – (1) The uncertainty of measurement is expressed at a confidence level 95.45% with coverage factor $k=2$.
- (2) The Value has been rounded -off as per IS 2: 1960 wherever applicable.
- (3) The certificate pertains only to the items calibrated.
- (4) This certificate should not be reproduced except in full without a written permission of the laboratory.
- (5) The reported results are valid at the time of performance of calibration under specified conditions only
- (6) Calibration is performed without doing any adjustment/Repairing in its original Condition.
- (7) Nominal value taken as per manual.

–End Of Certificate–