



TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE
Precision is Our Destination.....

An ISO 9001 : 2015 Certified company
Calibration of Various Instruments & Testing Machines...



CC - 312

Form No.: TMSCC/R/23					
CALIBRATION CERTIFICATE					
CALIBRATION CERTIFICATE NO.:		2023/08/1638		Page 1 of 1	
ISSUE DATE:		13-Sep-2023			
ULR No.:		CC312523000013645F			
1.0	ISSUED TO:	M/s. Barasat Government Medical College & Hospital ICTC, Barasat, Banamalipur, North 24 Pgs, Pin-700124, West Bengal.			
1.1	Service Request Form No.:	SRF/2023/08/30/03			
1.2	Service Request Date:	30/08/2023			
1.3	Location:	At Site			
1.4	Description identification of item to be calibrated:				
	i Name:	Centrifuge	ii Make:	Eltek	
	iii Model / Type No.:	TC 851A	iv S/L No.:	--	
	v ID.No.:	LEC-471	vi Job Code No.:	2023/08/1638	
	vii Range:	(0 - 4500) RPM	viii Resolution:	--	
	ix Accuracy:	As per IS 4092-1:1992	x End User:	--	
1.5	Full / Partial Calibration:	Full Calibration			
1.6	Applicable specification of item to be calibrated: Accuracy / permissible limit:			Not Specified.	
1.7	Date of receipt of item:	30-Aug-2023	1.8 Date of calibration:	30-Aug-2023	
1.9	Calibration due on:	29-Aug-2024	2.0 Frequency of calibration once in:	12	Months
2.1	Environmental condition during calibration:	Temperature:	25.2 °C		
		Humidity:	52 % RH		
2.2	Basis of calibration:	SOP/05/02			
2.3	Traceability: Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.				
	Name of Instrument	Sl. No. / ID no.	Certificate No.	Lab Certificate No.	Calibrated On
	Digital Tachometer	(TMSCC/DT/01) (Sl. No. - 197-0062V)	NI2023/04/0019	CC-2294	07-04-2023
				Due On	06-04-2024
CALIBRATION RESULTS					
Sl. No.	Denomination set in rpm	Observed Reading at Ref. Std. in rpm (Average of five readings)	Error in RPM	Uncertainty in ± %	Acceptance Criteria
1	100	100.2	0.19	0.69	Pass
2	500	500.9	0.93	0.69	Pass
3	2500	2504.7	4.66	0.69	Pass
4	3600	3606.7	6.71	0.69	Pass
5	4500	4508.4	8.38	0.69	Pass
Maximum Permissible Error : ± 1 % of rdg					
Measurement Uncertainty at 95% confidence level where coverage factor, k=2					
Remarks: The above DUC has been calibrated over its above range & the readings observed are tabulated above. The reference standard used is traceable to National Standard.					
DUC: Device Under Calibration					
Physical status of the Instrument : Ok					

Calibrated By:

P. Dasmalakar
(Sr. Calibration Engineer)

Checked By:

C. Ghosh
(Technical Director)

Approved By:

S. Chowdhury
(Quality Manager)

END OF CERTIFICATE