



TMSCC

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

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



CC - 3125

Form No.: TMSCC/R/23					
CALIBRATION CERTIFICATE					
CALIBRATION CERTIFICATE NO.:		2023/08/1637		Page 1 of 1	
ISSUE DATE:		13-Sep-2023			
ULR No.:		CC312523000013644F			
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-Aug-2023			
1.3	Location:	At Lab			
1.4	Description identification of item to be calibrated:				
	i Name:	Digital Stop Watch	ii Make:	Racer	
	iii Model / Type No.:	--	iv SL No.:	--	
	v I.D.No.:	ICTC/DSW/01	vi Job Code No:	2023/08/1637	
	vii Range:	(0 - 60) minute	viii Resolution:	0.01 sec	
	ix Accuracy	As per NIST: 1960-12	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/9/16				
2.3	Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.				
	Name of Instrument	SI. No./ Id No.	Certificate No.	Lab Certificate No.	Calibrated On Due On
	Digital Time Totaliser	(TMSCC/TT/01) (SI. No. - 19HT0559)	TSC/22-23/12095-38	CC-2231	15-11-2022 15-11-2023
CALIBRATION RESULTS					
Sl. No.	Reading at Standard Totaliser in sec. (Avg. of five readings)	Reading at DUC in sec. (Avg. of five readings)	Error in sec	Uncertainty in (±) sec	Acceptance Criteria
1	60.00	59.99	0.02	2.33	Pass
2	600.00	599.85	0.15	2.33	Pass
3	1200.00	1199.70	0.30	2.33	Pass
4	1500.00	1499.63	0.38	2.33	Pass
5	1800.00	1799.55	0.45	2.33	Pass
6	2500.00	2499.38	0.63	2.33	Pass
7	3300.00	3299.18	0.82	2.33	Pass
Maximum Permissible Error : ± 5 sec (upto 1 min)/ ± 6 sec (above 1 min)					
Measurement Uncertainty at 95% Confidence Level where Coverage Factor k = 2					
REMARKS : The DUC has been calibrated over its range. The readings observed are tabulated above. The reference standard is traceable to National standard.					
DUC: Device Under Calibration.					
Physical Status of the DUC:Ok					

Calibrated By :

J. Bhattacharjee
(Sr. Calibration Engineer)

Checked By :

C. Ghosh
(Technical Director)

Approved By :

P. K. Modak
(Sr. Calibration Engineer)

END OF CERTIFICATE