

# 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

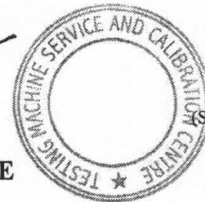
Form No.: TMSCC/R/23

## CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.:		2024/10/2411		Page 1 of 1		
ISSUE DATE :		5-Nov-2024				
ULR No.:		CC312524000023806F				
1.0 ISSUED TO :		M/s.: Midnapore Medical College & Hospital (ICTC UNIT) 5, Vidyasagar Road, Midnapore, Paschim Medinipur, West Bengal-721101				
1.1 Service Request Form No.:		SRF/2024/10/31/01				
1.2 Service Request Date :		31-Oct-2024				
1.3 Location :		At Lab				
1.4 Description identification of item to be calibrated :						
i Name :		Digital Thermometer		ii Make : Accteq		
iii Model / Type No.:		DC-3		iv S/L No.:		
v I.D.No.:		MMCH/ICTC/ANC/DTM/01		vi Job Code No.:		
vii Range :		(-10 to 50)°C		viii Resolution : 0.1 °C		
ix Accuracy :		As Per DKD R5 - 1		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 :		31-Oct-2024		1.8 Date of calibration : 31-Oct-2024		
1.9 Calibration due on :		30-Oct-2025		2.0 Frequency of calibration once in : 12 Months		
2.1 Environmental condition during calibration :		Temperature : 25.5 °C Humidity : 56 % RH				
2.2 Basis of calibration :		SOP/10/02				
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.		
Digital Temperature Indicator with Sensor(RTD)		(Indicator SI. No.- 18K588073 (Sensor ID No.- TMSCC/RTD/01)		TSC/23-24/13010-4		
				Lab Certificate No. CC-2231		
				Calibrated On 09-11-2023		
				Due On 08-11-2024		
<b>CALIBRATION RESULTS</b>						
Sl. No.	Ref. Bath set In °C	Reading at DUC In °C	Observed Reading at Ref. Std. In °C (Avg. of five readings)	Error in °C	Uncertainty In ± °C	Acceptance Criteria
1	-10.0	-10.0	-9.983	0.017	0.18	Pass
2	-4.0	-4.0	-3.993	0.007	0.18	Pass
3	5.0	5.0	4.991	-0.009	0.18	Pass
4	15.0	15.0	14.974	-0.026	0.31	Pass
5	30.0	30.0	29.948	-0.052	0.31	Pass
6	50.0	50.0	49.914	-0.087	0.31	Pass
Maximum Permissible Error : ± 0.3% of rdg						
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:  
  
R. Ghosh  
(Calibration Engineer)

Checked By:  
  
C. Ghosh  
(Technical Director)



Approved By:  
  
P. K. Modak  
(Sr. Calibration Engineer)

END OF CERTIFICATE