



# 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.:		2023/12/1419		Page 1 of 1			
ISSUE DATE :		31-Dec-2023					
ULR No.:		CC31252300021195F					
1.0 ISSUED TO :		M/s.: KHARIKAMATHANI RH-SA-ICTC Vill. & P.O.: Kharikamathani, P.S.: Nayagram, Jhargram - 721159.					
1.1 Service Request Form No.:		SRF/2023/12/29/02					
1.2 Service Request Date :		29-12-2023					
1.3 Location :		At Site					
1.4 Description identification of item to be calibrated :							
i Name :		Refrigerator		ii Make :		LG	
iii Model / Type No.:		--		iv S/L No.:		--	
v I.D.No.:		KMRH-ICTC-RF-01		vi Job Code No.:		2023/12/1419	
vii Range :		(2- 8) °C		viii Resolution :		--	
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 :		29-Dec-2023		1.7 Date of calibration :		29-Dec-2023	
1.9 Calibration due on :		28-Dec-2024		1.9 Frequency of calibration once in :		12 Months	
2.1 Environmental condition during calibration :		Temperature : 25.5°C		Humidity : 52 % RH			
2.2 Basis of calibration :		SOP/1/06					
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	Due On	
Digital Temperature Indicator with Sensor(RTD)		(Indicator SL No.- 18K588073) (Id No.- TMSCC/RTD/01)	TSC/23-24/13010-4	CC-2231	09-11-2023	08-11-2024	
<b>CALIBRATION RESULTS</b>							
Sl. No.	DUC set in °C		Observed Reading at Ref. Std. in °C (Avg. of five readings)		Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	2		2.004		0.004	0.68	Pass
2	4		4.008		0.008	0.68	Pass
3	6		6.013		0.013	0.68	Pass
4	8		8.017		0.017	0.68	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 :

J. Bhatnagar  
(Sr. Calibration Engineer)

Checked By :

C. Ghosh  
(Technical Director)

Approved By :

P. K. Modak  
(Sr. Calibration Engineer)



END OF CERTIFICATE