
	PRECEDENCE CALIBRATION LABORATORY	
	PLOT/R.S DAG NO. - 231 , MOHISGOTE, KRISHNAPUR MAIN ROAD , P. O. - KRISHNAPUR, KOLKATA - 700102 .	CC -3325

Form No. PCL/FORM/09/01-21

CALIBRATION CERTIFICATE

Certificate No: PCL/C05/062/02-23/NABL

ULR- CC332523000000347F

Date: 28-02-2023

Issued To M/s Central Pollution Control Board

Regional Directorate: 502, Southend Conclave, 1582, Rajdanga Main Road, Kolkata-700107

Receive Date: 28-02-2023

Date of Calibration: 28-02-2023

Recommended due date: 28-02-2024

Customer Reference No. (S.R. No.): SRF/C05/007/02-23 dated 14-02-2023

Calibration Sticker No: P-0589

Description and Identification of instrument

Location where calibration performed: In-House.

Name: Temperature Controller with Sensor of Industrial Chiller

Make: Celfrost

Model: 2 to 8 °C

Id No: CPCB(RDK)/INDUSTRIAL CHILLER/01/2022

Accuracy: Not Specified

Resolution: 0.1 °C

Cal Range: 2 to 8 °C

Physical Status of item: Good condition.

Environmental Condition: Temperature: 25.0 °C +/- 3 °C, Humidity: 45% to 70 % R.H.

Calibration Method: Laboratory Method for Calibration of Temperature controller with or without sensor (PCL/SOP/03/2021).

Standards used:

- **ULTRA CRYOGENIC BATH** (Make: Nagman., Model: NAG CS 01, Id No: PCL/C-B/064), Cal Certificate No: PCL/INT/C-B/064/02-23, Due Date: 13.02.2024
- **Master RTD A Class with Digital Multimeter** (Make: Siglent., Model: SDM 3065-X-SC, Id No: PCL/TEMP-I/021, PCL/PT-100/024), Cal Certificate No: ERTL(E)/CAL/P359/0014/02-23/NABL, Due Date: 07.02.2024

Traceability: Reference Standards used for calibration are traceable to National Standards.

Calibration Result:

Discipline: THERMAL

Sl. No	Specified Value in °C	Displayed Temp in °C	STD Value in °C (Average of 5 readings)				Expanded
			Upper Left	Upper Right	Lower Left	Lower Right	
1	2-8 °C	Max: 6.0	8.04	7.06	7.62	6.48	(±)1.0
		Min: 4.1	7.70	5.90	7.34	5.70	

DUC: Device Under Calibration,

Remarks: The above Temperature Controller with Sensor of Industrial Chiller has been calibrated and the readings are tabulated above.

Conformity Statement: Not reported as accuracy has not specified by customer.

Calibrated by:


(Signature)

Reviewed & Approved by:


(J.B. Chattopadhyay)
Authorized Signatory

Certificate Released By:



Date: 28.02.23

This Calibration Certificate refers only to the item calibrated and shall not be reproduced in part/full without the written approval of Director (Technical), Precedence Calibration Laboratory, Kolkata.