

### Calibration Certificate

Certificate No.: YEA(C)/ 230724S/C875/009  
ULR No.: CC22212300009960F

Dated : 31.07.2023

Calibrated for : **Central Pollution Control Board**  
Southend Conclave 1582, Rajdanga Main Road,  
Kolkata - 700107, West Bengal, India.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
24.07.2023	24.07.2024	1	2

**Description of Instrument**

<i>Name</i>	: Digital Temperature Controller of Hot Plate
<i>Identification</i>	: CPCB/KOL/HP-6/14
<i>Range</i>	: 0 to 600 °C
<i>Least Count</i>	: 1 °C
<i>Make</i>	: Thermotech
<i>Model</i>	: PID-41S
<i>Type</i>	: J
<b>Service Request No. / Order Reference</b>	: 230724S/C875/001-009
<b>Receipt of Instrument</b>	: 24.07.2023
<b>Location where calibration performed</b>	: At Site
<b>Applicable Specification of Instrument to be Calibrated</b>	: Not Specified
<b>Condition of Instrument to be Calibrated</b>	: Satisfactory
<b>Basis of Calibration</b>	: Comparison method with reference to YEA/WI/E(S)-08
<b>Environmental Condition during Calibration</b>	: <i>Temp.</i> : 30±2°C <i>RH</i> : 60±10%
<b>Equipment used for Calibration</b>	: Standard Temperature Calibrator
<b>Traceability</b>	: To National Standard vide Certificate No: YEA(C)/230123/Y001/001 valid till 22.01.2024
<b>Measurement Uncertainty</b>	: The figures are stated in the result at coverage factor $k= 2$ corresponding to confidence probability of 95% for normal distribution.
<b>Laboratory Identification</b>	: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.  
The results are given in the page 2 to ..... 2 ...of the Certificate.

Cont.....2



# YEA

☎ : 033 2677 1411/1412, 2667 1909

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Certificate No.: YEA(C)/ 230724S/C875/009

ULR No.: CC222123000009960F

Calibrated By : S. Jana

Date: 31.07.2023

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### Calibration Results

#### Electro-Technical Calibration

#### Calibration Results of Digital Temperature Controller of Hot Plate

Sl. No.	Standard Value	DUC Value	Measurement Uncertainty
	°C	°C	± °C
1	0.0	0	1.00
2	50.0	50	
3	100.0	100	
4	130.0	131	
5	170.0	171	
6	200.0	201	
7	400.0	402	

DUC : Device Under Calibration

**REMARKS** : The above Digital Temperature Controller of Hot Plate has been calibrated and the readings are tabulated above.

**NOTES** : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das

Manager Calibration

\*\*\* End of the Calibration Certificate \*\*\*

