



# AA CALIBRATION PVT.LTD

## CALIBRATION CERTIFICATE



Certificate No. CC - 2646

Certificate No	AACPL / 00772F	Field	Elec. Tech.	Group	Page No.	1 of 1
SRF No & Date	210118.2	DT - 18 / 01 / 2021	ULR No.	CC2646210000 00772F		
Calibration Method :	Direct Method			Accuracy		
Company Name	M/s Hira Clinical Lab			Calibration Date	18.01.2021	
Address	Civil Hospital Hoshiapur - (P.B)			Cali. Due On (As Sugg. By Cust.)	17.01.2022	
				Certificate Issue Dt.	21.01.2021	
				UUC Condition	Good	

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No	Party ID / Location
1	Glass Thermometer	(-10)° to 50°C	2 °C	Na / ----	HCL/LAB/GTM/01 Laboratory

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/ 02876F	13/07/2021
2	RTD (4 Wire) Pt-100	Tempens / 21000471	Tempens	TL/020/811.1.1	08/10/2021
3	Liquid Temp. Bath	Tempens/Calsys -30to50	-----	-----	-----
4	Oil Temp. Bath	Tempens/Calsys 50to250	-----	-----	-----
Reference Standard		Calibration Purpose	Humidity	Temperature	Calibration Performed At
IS : 1248		Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 03, Section No : CPET - 01

Set Points :- -30, 30, 50 °C

### Calibration Results

SI. No.	Std. Reading on Master in °C	UUC Average Reading in °C	Deviation in °C	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ±
1	-30.06	-30.0	0.06	1.22 °C
2	29.85	30.0	0.15	1.22 °C
3	49.12	50.0	0.88	1.22 °C

### Note

- 1 The calibration results reported in this calibration certificate are valid at the time of & under stated condition
- 2 This certificate cannot be reproduced except in full without our prior permission in writing
- 3 This certificate refers only to the particular item(s) submitted for calibration
- 4 UUC - Unit under calibration

Calibrated by  
*Alka*



Approved by

*Rajesh Prasad*  
Rajesh Prasad  
(Tech. Manager)

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