



## CALIBRATION CERTIFICATE

<b>1.CUSTOMER</b> :-	Page No.	:- 1 of 1
<b>ICTC CENTRE</b> Community Health Centre, PERNEM, GOA	SRF No	:- GTS/220927/04
	Certificate No.	:- GTS/220927/04-002
Ambient Temp. (°C) :- 21 to 40 Relative Humidity (%RH) :- 30 to 75 Location of calibration :- On Site Condition of Item :- Ok	Date of Received	:- 27.09.2022
	Date of Calibration	:- 27.09.2022
	Next Calibration Due On	:- 26.09.2023
	Issue Date	:- 03.10.2022
	Calibration method No.	:- TH-WI-02
	ULR No	:- CC295722000010154F

<b>2. Description of Item</b>	
Name :- TIWS (Refrigerator)	Range :- 0 to -20/2 to 8 °C
Id No :- GSACS/NACP-IV/ICTC/02/1-2/PERNEM/02	Least Count :- 1 °C
Make :- HAIER	Location :- ICTC LAB
Type :-	Sr No :- BS0337E720ITJC50287
	Dept. :- GSACS

<b>3.Details of Equipment used for calibration</b>				
Name	Certificate No.	Certified By	ID No.	Calibration Validity
Precision Thermometer With Sensor	NI/2205/059/002	Nishitronics Instrumentation	GTS/PTH/01	22.05.2023

<b>*Thermal Calibration</b>				
<b>4.Calibration Results</b> :-				
Calibration Points °C	Corrected Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.14	-20	0.14	0.50
2	1.75	2	0.25	0.50
5	4.79	5	0.21	0.50
8	7.86	8	0.14	0.50

- Note:**
- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95.45% for normal distribution
  - 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
  - 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
  - 4) Calibration point were selected as per customer specifications.
  - 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Global Technical Services, Pune".
  - 6) Type of immersion : Partial
  - 7)The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By  
*Rohit*  
Calibration Engineer  
Rohit.L

Approved By  
*Swapnil*  
Technical Manager  
Swapnil Bhagwat