



# GLOBAL TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044

Email : globaltechnical007@gmail.com

Mob : 9921239827 / 7276302207 / 9028888728



CC-2957

## CALIBRATION CERTIFICATE

### 1. CUSTOMER :-

ICTC 2 CENTRE

South Goa District Hospital, MADGAON, GOA

Ambient Temp. (°C) :- 21 to 40

Relative Humidity (%RH) :- 30 to 75

Location of calibration :- On Site

Condition of Item :- Ok

Page No. :- 1 of 1  
 SRF No :- GTS/220930/03  
 Certificate No. :- GTS/220930/03-002  
 Date of Received :- 30.09.2022  
 Date of Calibration :- 30.09.2022  
 Next Calibration Due On :- 29.09.2023  
 Issue Date :- 04.10.2022  
 Calibration method No. :- TH-WI-02  
 ULR No :- CC295722000010128F

### 2. Description of Item

Name :- TIWS (Refrigerator) Range :- 0 to -20/2 to 8 °C  
 GSACS/NACP-IV/PPTCT-  
 Id No :- ICTC/HOS/HOSPITAL/MADGA Least Count :- 1 °C  
 ON/4-4/2019  
 Make :- HAIER Location :- ICTC LAB  
 Type :- Analog  
 Sr No :- --  
 Dept. :- GSACS

### 3. Details of Equipment used for calibration

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

### \*Thermal Calibration

### 4. Calibration Results :-

Calibration Points °C	Corrected Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.17	-20	0.17	0.50
2	1.88	2	0.12	0.50
5	4.76	5	0.24	0.50
8	7.83	8	0.17	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

End of Certificate

RF-55/01

Email : globaltechnical007@gmail.com

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## CALIBRATION CERTIFICATE

### 1. CUSTOMER :-

#### ICTC 2 CENTRE

South Goa District Hospital, MADGAON, GOA

Page No. :- 1 of 1  
 SRF No :- GTS/220930/03  
 Certificate No. :- GTS/220930/03-003  
 Date of Received :- 30.09.2022  
 Date of Calibration :- 30.09.2022  
 Next Calibration Due On :- 29.09.2023  
 Issue Date :- 04.10.2022  
 Calibration method No. :- TH-WI-02  
 ULR No :- CC295722000010129F

Ambient Temp. (°C) :- 25±4  
 Relative Humidity (%RH) :- 30 to 75  
 Location of calibration :- In Lab  
 Condition of Item :- Ok

### 2. Description of Item

Name :- Digital Thermometer Range :- -30 to 50 °C  
 Id No :- GSACS/NACP-IV/PPTCT-ICTC/HH/MAR Least Count :- 0.1 °C  
 Make :- TFA Location :- ICTC LAB  
 Type :- Digital Sr No :- --  
 Dept. :- GSACS

### 3. Details of Equipment used for calibration

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

### \*Thermal Calibration

### 4. Calibration Results :-

Calibration Points °C	Corrected Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.11	-20	0.11	0.50
2	1.71	2	0.29	0.50
5	4.76	5	0.24	0.50
8	7.85	8	0.15	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

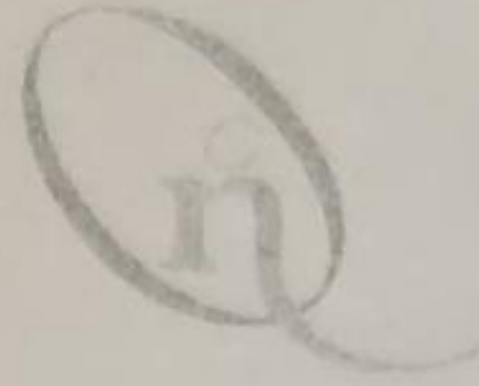
RF-55/01

End of Certificate

Email : globaltechnical007@gmail.com



CC-2294



**Nishitronics  
Instrumentation**

Service Engineers  
Calibration Services in Industrial Process Control  
*We work for Customers Satisfaction*

CUSTOMER		CALIBRATION CERTIFICATE		
:- Global Technical Services Sec No. 25, Plot No. 49/3, L.I.G. Colony, Pradhikaran Nigdi, Pune - 411044.		Page No.	:- 1 of 1	
Amb. Temp	:- 25 ± 2 °C	ULR No.	:- ULR-CC22942200002372F	
Rh.	:- 45 to 75 %RH	Discipline	:- Thermal Calibration	
Location of calibration	:- LAB	Certificate No.	:- NI/2205/059/002	
Characteristic and Condition of items	:- OK	Date of issue	:- 24/05/2022	
Details of Items		Date of receipt	:- 23/05/2022	
Name	:- Precision Thermometer	Date of calibration	:- 23/05/2022	
Make	:- CENTER	Cal. Req No	:- NI/2205/059/002	
Model	:- 375	Next Due Date	:- 22/05/2023	
ID. No.	:- GTS/PTH-01	Parameter	:- Temperature	
Part No.	:- 140811114	Calibration method no.	:- NI/CP/T/01	
Details of Equipment used for Calibration				
Name	:- SSPRT WITH INDICATOR			
Calibrated by	:- Godrej & Boyce Mfg.Co. Ltd.			
Certificate No.	:- M-200608-3-1			
Validity	:- 07/06/2022			
OBSERVATION				
Cal. Point °C	Std. Reading °C	UUC Reading °C	Error In °C	Expanded Uncertainty
-38	-37.921	-37.98	-0.059	± 0.06 °C
0	0.050	-0.22	-0.270	± 0.06 °C
100	99.944	99.51	-0.434	± 0.08 °C
200	200.089	199.45	-0.639	± 0.08 °C
400	400.257	399.41	-0.847	± 0.12 °C
The reported measurement uncertainty is estimated at a level of confidence of approximately 95 % with a coverage factor k = 2.				
Remarks :-				
1) Result are related only to the item calibrated .				
2) This certificate refers only to the particular items submitted for calibration .				
3) This certificate shall not be reproduced except in full without our prior permission in writing.				
4) The calibration results reported in this particular certificate are valid at the time of an under stated condition of measurement.				
5) Standard used for calibration were traceable to National / International standard.				
6) Readings given above are as on received condition of an instrument.				
Calibrated by		Authorized Signatory		
( P.B.Desai )		( V.B.Hingmire ) / ( S.B.Hingmire )		
( Tech. Asst. )		( Technical Manager )		
Form No : NI/F/7.8/T/01		Form Rev. No. : 0		Effective Form Date:20/11/2019
Issue No : 03		Issue Date:20/11/2019		