Villoo Poonawalla Memorial Hospital S.No.156, Plot No 1/3A+3B/1+2, 3, Pune - Solapur Rd, Near Savli Corner, Hadapsar, Pune - 411028

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CALIBRATION CERTIFICATE

Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Temperature(°C) :- 23.3 Relative Humidity (%RH) :- 51 Location of calibration :- In Lab

Condition of Item :- Ok Page No.

NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.24.001

Date of Received :- 24.03.2022 Date of Calibration :- 24.03.2022 Next Calibration Due On :- 23.03.2023 Calibration method No. :- RTS-WI-25 Date of Issue :- 26.03.2022

ULR No. :- CC292722000002866F

:- 0.1 °C/ 1 %RH

2. Description of Item

Name :- Thermohygrometer Range :- -50 to 70°C/10 to 99%RH ld No :- VPMH/THY/001 Least Count

Make/Model :- HTC-1 Type :- Digital

3.Detail of Equipment used for calibration

:- Dig.Thermo Hygrometer 61/2 DMM PT 100 Sensor

with sensor

Certificate No. :- 30045622 VI/21-22/0472-02 TL/021/531.1.2

Certified By :- Belz VIPL Tempsens ID/Sr. No. :- 61319921 TW00006839 19640 Kange :- -40 to 60 °C/0 to 100% RH As per traceability -200 to 500 °C

Uncertainty :- ± 0.2 °C/ ± 0.8% RH As per traceability ± 0.15 °C Calibration Validity :- 28.10.2022 28.09.2022 10.06.2022

Discipline - Thermal Calibration Group :- Opecific heat & Humidity 4.Calibration Results

A) Temperature

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±
10	10.03	10.1	0.07	0.30
30	30.08	30.2	0.12	0.30
50	50.14	50.4	0.26	0.30
B) Humidity			3.20	5.50

Calibration Points Standard Reading UUC Reading Expanded Uncertainty in ± Error in %RH WEH 201311 WEH %KH 20 20.1 21 09 162 70 70.6 72 14 1.62 90 91.3 93 1.62 1.7

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% 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 "Reliable Technical Services, Pune".
- The Standard used are traceable to National / International Standard.

7) Conformity with requirements :-

Calibrated By

Calibration Engineer Divya Dagdu

RF-21, R0

Approved By

SM.





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CAL	IBR.	ATI	ON	CERT	IFIC.	ATE
O, 12			\sim 1 4			V II

Page No.

Range

Least Count

Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Temperature(°C) - 22 4 Relative Humidity (%RH) :- 51 Location of calibration :- In Lab Condition of Item :- Ok

Certificate No. Date of Received

Date of Issue ULR No.

:- 24.03.2022 Date of Calibration :- 24.03.2022 Next Calibration Due On: - 23.03.2023 Calibration method No. :- RTS-WI-25 :- 26.03.2022

NABL Accreditation No. :- CC-2927

:- CC292722000002867F

:- 1 of 1

:- 22.03.24.002

:- 0.1 °C/ 1 %RH

:- -50 to 70°C/10 to 99%RH

2. Description of Item

Type

Name :- Thermohygrometer ld No :- VPMH/THY/002

Make/Model :- HTC-1 :- Uigital

3.Detail of Equipment used for calibration

Name :- Dig.Thermo Hygrometer

with sensor

Certificate No. :- 30045622 Certified By :- Belz ID/Sr. No. :- 61319921

Range :- -40 to 60 °C/ 0 to 100% RH Uncertainty :- ± 0.2 °C/ ± 0.8% RH

Calibration Validity :- 28.10.2022 61/2 DMM PT 100 Sensor

VI/21-22/0472-02 TL/021/531.1.2 VIPI Tempsens

TW00006839 19640 As per traccability -200 to 500 °C As per traceability ± 0.15 °C 28.09.2022 10.06.2022

Discipline :- Thermal Calibration Group :- Specific heat & Humidity 4.Calibration Results

A) Temperature

7. Tomporatare				
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
°C	°C	°C	°C	°C
10	10.03	10.2	0.17	0.30
30	30.08	30.3	0.22	0.30
50	50.14	50.5	0.36	0.30
B) Humidity				

2		Y		
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
%RH	%RH	%RH	%RH	%RH
20	20.1	20	-0.1	1.62
70	70.6	69	-1.6	1.62
90	91.3	89	-2.3	1.62
N-4			2.0	1.02

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% 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard

7) Conformity with requirements :-

Calibrated By Dugdn

Calibration Engineer

Divya Daqdu

Approved By

5M

Technical Manager Sachin A. Mhasawade

RF-21, R0





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CALIBRATION CERTIFICATE

Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Temperature(°C) - 22 6 Relative Humidity (%RH) :- 51 Location of calibration :- In Lab

Condition of Item :- Ok Page No.

NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.24.003

Date of Received :- 24.03.2022 Date of Calibration :- 24.03.2022 Next Calibration Due On: - 23.03.2023 Calibration method No. :- RTS-WI-25

Date of Issue ULR No.

:- CC292722000002868F

:- -50 to 70°C/10 to 99%RH

2. Description of Item

Name :- Thermohygrometer ld No :- VPMH/THY/003

Make/Model :- HTC-1 Type

Range

Least Count :- 0.1 °C/ 1 %RH

3.Detail of Equipment used for calibration

Name :- Dig.Thermo I lygrometer

:- Uigital

with sensor

Certificate No. :- 30045622 Certified By :- Belz ID/Sr. No. :- 61319921

Range :- -40 to 60 °C/ 0 to 100% RH Uncertainty

:- ± 0.2 °C/ ± 0.8% RH Calibration Validity :- 28.10.2022

G1/2 DMM

VI/21-22/0472-02 VIPL

T\M00006839 As per traceability

As per traceability 28.09.2022

PT 100 Sensor TL/021/531.1.2

:- 26.03.2022

Tempsens 19640 -200 to 500 °C

± 0.15 °C 10.06.2022

Discipline 4.Calibration Results

Thermal Calibration

Group :- Specific heat & Humidity

A) Temperature

Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
°C	°C	°C	°C	°C
10	10.12	10.2	0.08	0.30
30	30.31	30.5	0.19	0.30
50	50.36	50.7	0.34	0.30
B) Humidity			0.01	0.00

D,	Humidity
	Calibrat

	Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
3	%RH	%RH	%RH	%RH	%RH
	20	20.2	19	-1.2	1.62
	70	70.7	69	-1.7	1.62
	90	91.4	89	-2.4	1.62
- 1				100 1	The state of the s

- 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% 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.
- 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.

7) Conformity with requirements :-

Calibrated By Dugdn

Calibration Engineer Divya Dagdu

RF-21, R0

Approved By

SM.





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CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Temperature(°C) :- 23.2 Relative Humidity (%RH) :- 55

Location of calibration :- In Lab Condition of Item '- Ok

Page No. :- 1 of 1

NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.24.004

Date of Received :- 24.03.2022 Date of Calibration :- 24.03.2022 Next Calibration Due On: - 23.03.2023 Calibration method No. :- RTS-WI-25

Date of Issue ULR No.

:- CC292722000002869F

2. Description of Item

Make/Model

Certificate No.

Certified By

ID/Sr. No.

Uncertainty

Range

Name

Name :- Thermohygrometer ld No : VPMH/THY/004

:- HTC-1

Least Count

Range

:- -50 to 70°C/10 to 99%RH

0.1 "C/ 1 %RH

:- 26.03.2022

Type :- Digital

3.Detail of Equipment used for calibration

:- Dig.Thermo I lygrometer

with sensor

: 30045622 :- Beiz

:- 61319921 : -40 to 60 °C/ 0 to 100% RH

:- Thermal Calibration

:- ± 0.2 °C/ ± 0.8% RH :- 28.10.2022

61/2 DMM

VI/21 22/0472-02

VIPL TW00006839

As per traceability As per traceability

19640 -200 to 500 °C ± 0.15 °C

Tempsens

PT 100 Sensor

TL/021/501.1.2

28.09.2022 10.06.2022

Discipline 4.Calibration Results

Calibration Validity

:-

Group Specific heat & Humidity

A) Temperature

Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
°C	°C	°C	°C	°C
10	10.12	10.4	0.28	0.30
30	30.31	30.7	0.39	0.30
50	50.36	50.8	0.44	0.30
B) Humidity				

The state of the s				
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
%RH	%KH	%RH	%RH	%RH
20	20.2	21	0.8	1.62
70	70.7	72	1.3	1.62
90	91.4	94	2.6	1.62
			0	

- 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% 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.
- 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard

7) Conformity with requirements :-

Calibrated By

Calibration Engineer

Divya Dagdu RF-21, R0

Approved By

SM





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CALIBRATION CERTIFICATE

1.CUSTOMER Page No. Villoo Poonawalla Memorial Hospital NABL Accreditation No. :- CC-2927 S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd, Certificate No. :- 22.03.24.005 Near Savli Corner, Hadapsar, Pune - 411028 Date of Received :- 24.03.2022 Temperature(°C) Date of Calibration :- 22.4 :- 24.03.2022 Relative Humidity (%RH) :- 51 Next Calibration Due On: - 23.03.2023 Location of calibration :- In Lab Calibration method No. :- RTS-WI-25 Condition of Item :- Ok Date of Issue :- 26.03.2022 ULR No. :- CC292722000002870F

2. Description of Item

Name :- Thermohygrometer Range :- -50 to 70°C/10 to 99%RH Id No :- VPMH/THY/005 Least Count 0.1 °C/ 1 %RH

Make/Model :- HTC-1 Type :- Digital

3.Detail of Equipment used for calibration

Name :- Dig.Thermo Hygromotor 61/2 DMM PT 100 Sensor

with sensor

Certificate No. :- 30045622 VI/21-22/0472-02 TL/021/531.1.2

Certified By :- Belz VIPL Tempsens

ID/Sr. No. :- 61319921 TW00006839 19640

 Range
 := -40 to 60 °C/ 0 to 100% RH
 ∆c por traceability
 -200 to 500 °C

 Uncertainty
 := ± 0.2 °C/ ± 0.8% RH
 As per traceability
 ± 0.15 °C

 Calibration Validity
 := 28.10.2022
 28.09.2022
 10.06.2022

Discipline .- Thermal Calibration Group Specific hout & Humidity
4.Calibration Results :-

A) Temperature

Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
°C	°C	°C	°C	°C
10	10.13	10.4	0.27	0.30
30	30.24	30.6	0.36	0.30
50	50.41	50.8	0.39	0.30
B) Humidity				
Calibration Points	Standard Bandina	LILIO D I'		

0.17. 11. 5.1.1				
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in ±
%RH	%RH	%RH	%RH	%KH
20	20.3	20	0.3	1.62
70	70.8	69	-1.8	1.62
90	91.2	89	-2.2	1.62

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% 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.

7) Conformity with requirements :-

Calibrated By

Calibration Engineer Divya Dagdu

RF-21, R0

Approved By

5M.





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-50 tu 300 °C

0.1 °C



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1.CUSTOMER

Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Ambient Temp. (°C) :- 23.2
Relative Humidity (%RH) :- 53
Location of calibration :- In Lab

Condition of Item

:- In La :- Ok Page No. :- 1 of 1

NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.24.006

Date of Received :- 24.03.2022
Date of Calibration :- 24.03.2022
Next Calibration Due On :- 23.03.2023
Calibration method No. :- RTS-WI-10

Date of Issue :- 26.03.2022

ULR No. :- CC292722000002871F

2. Description of Item

Name :- Thormomotor With

Sensor

Id No :- VPMH/VTI/TM/559
Make :- Multi/ST-9283 B

Type :- Digital

3.Detail of Equipment used for calibration

Name :- 6½ DMM Certificate No. :- VI/21-22/0

Certificate No. :- VI/21-22/0472-02
Certified By :- VIPL

ID/3r. No. :- TW00006839

Range :- As per traceability

Uncertainty :- As per traceability
Calibration Validity :- 28.09.2022

PT 100 Sensor TL/021/531.1.2

Tempsens

Range

Least Count

-200 to 500 °C

± 0.15 °C 10.06.2022

Discipline	:- Thermal Calibration	Group	Temperature	
4.Calibration Results	:-			
Calibration Points	Standard Reading °C	UUC Reading °C	Error in	Expanded Uncertainty in ±°c
-50	-49.74	-49.4	0.34	0.40
100	100.34	100.0	0.50	U.4U
300	300.56	301.3	0.71	0.40

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% 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 "Reliable Technical Services, Pune".

6) The Standard used are traceable to National / International Standard.

7) Conformity with requirements :-

Calibrated By

Calibration Engineer Divya Dagadu TAR CRS SA

Approved By

5m.

Technical Manager Sachin A. Mhasawade

RF-21, R0





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-50 to 300 °C

0.1 °C



CALIBRATION CERTIFICATE

Range

Least Count

PT 100 Sensor

TL/021/531.1.1

Villoo Poonawalla Memorial Hospital

S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,

Near Savli Corner, Hadapsar, Pune - 411028

Ambient Temp. (°C) :- 22.6 Relative Humidity (%RH) :- 51 Location of calibration :- In Lab Condition of Item

:- Ok

Page No. :- 1 of 1

NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.24.007 Date of Received :- 24.03.2022 Date of Calibration :- 24.03.2022 Next Calibration Due On :- 23.03.2023

Calibration method No. :- RTS-WI-10 Date of Issue :- 26.03.2022

ULR No. :- CC292722000002872F

2. Description of Item

Name :- Thermometer With

Soncor

ld No :- VPMH/VTI/TM/558 Make :- Multi/ST-9283 B

Type :- Digital

3.Detail of Equipment used for calibration

Name :- 61/2 DMM Certificate No. :- VI/21-22/0472-03

Certified By :- VIPL

Tempsens ID/Sr No :- TW00005089 TPRT-1574 Range :- As per traceability -200 to 500 °C Uncertainty :- As per traceability ± 0.15 °C Calibration Validity :- 28.09.2022 10.06.2022

Discipline	:- Thermal Calibration	Group	Temperature	
4. Calibration Results	:-		· omporataro	· · · · · · · · · · · · · · · · · · ·
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded
°C	°C	°C	°C	Uncertainty in ±°c
-50	-49.82	-49.6	0.22	0.40
100	100.25	100.6	0.35	0.40
300	300 41	301.0	0.50	0.40

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% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
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- 6) The Standard used are traceable to National / International Standard.

7) Conformity with requirements :-

Calibrated By

Dugdn

Calibration Engineer

Divya Dagadu RF-21, R0

Approved By

5M.





Calibration Certificate



CC2733213000118	Sid.Avg.Keadings in
Calibration Calibration Calibrated Calibrated Calibration Calibrated	
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CC2733213000118 Age of Isias	Combined Relative Humidity(%RH) 35 to 70
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C2733213000119 H107021 28/10/2021 28/10/2021 201-11568 - 23/1 2010 50°C/0 to 10 3t Specified 4°C/0.19/RH b Calibrated By Anshaankun (NABL CC- 2020)	SPRT
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LILR No. CC277332130001196]F Julian of Issue Julian of Calibration Start & End Z010/2021 - 28/10/2021 Z010/2021 Z010/2021 Z010/2021 Z010/2021 Justicument Details Last Countries/S126 Accuracy/Acceptance Criteria Not Specified Least Countries/Acceptance Criteria Not Specified Least Countries Not Specified Least Countries Not Specified Lab Lab Lab Listed [Reference Standard/Pyorking Standard]	
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	M/s: Reliable Technical Service
Certificate No. 30045622	Hame of Montess of Mileday
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0.175 9.918 20.257 40.093 60.085

9.8 9.8 20.1 39.9 59.8

±0.20°C

IN %RH AT 25°C

IN %RH AT 25°C

26648

10.69 30.12 50.27 70.49 94.71

10.3 29.6 49.5 59.8 93.6

±0.8%RH

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The Certificat refers soly is the periodic discrete submented by calebration.

The Certificat refers soly is reproduced unsort to Microbiact the mettin piercelors of Core Executive Sections for A. (1), ADDIANO, UNIVERSAL SOLVED AND ADDIANCE OF THE SECTION ASSOCIATION ASSOCIA The Expanded Uncertainty of measurement was evaluated at a confidence-level of 95.45% with coverage factor, k=2 for a normal probability distribution.

UUC-Unit Under Calibration Calibrated by: Reference Tomas

BELZ CALIBRATION LAB

(A DIVISION OF BELZ INSTRUMENTS PVT. LTD.)

E-mail · info@hol- i- 181-L-14 5L-123, NIT Faridabad-121001, Haryana, INDIA

Approved by: M.K. Admir K.K. Neftin Visitali Nebra
Qualify The Chaffed Dy. Technical Numsper

TEMPSEMS



TEMPSENS CALIBRATION CENTRE

A Division of Temputers Imfourtants: J) Pvt. Ltd.
8-188A. ROAD NO.5; M.IT., LIDAIPER-313003 INDIA
35: 451-284-35077-5; Fax: 85-284-249247, 3507731
E-thalf-litel-@temposina.com, Wibbsite Invigoritations.com

Calibration Certificate No. : TL/021/531.1.2 ULR No.: CC284021000003394F

Range Condition of Item Sr. No. MIGNI M/S RELIABLE TECHNICAL SERVICES

(A DIVISION OF RELIABLE TECHNOCARE PRIVATE LIMITED Received Date
"RELIABLE 1908 1334-35,"
RELIABLE 1908 1334-35,"
AMPRI, PUNE-411018

Insule Date
India

Insule Date
Insule Date Sample endringer 196, -80, -35, 0, 50, 150, 250, 350, 400 & 500 °C : At Lab : Satisfactory : -200 to 500°C : RTS-RTD-01 Issue Date Page 1 of 1 10/46/2021 11/46/2021 11/46/2021 11/46/2021

Calibration Procedure The IL.C was allowed to be stable at specified temperature points.

The reading of Standard and UUC was recorded. This Certificate Format No. ~LAB-6.

The report provides the reading and deviation. As per work instruction allow IT-LAB-16.

Temperature (in °C) against RTD reading (in Ohms) are calculated by using ASTME-1137/E1137M-04. Minimum Immersion depth for RTD is 100mm.

the OUC has been compared with the following working standards of sensor & measuring instrument.

PRECISION THERMOMETER YMPL, UDAIPUR YMPL/319215/109614 CALSYS -60750 CALSYS -60750 CALSYS -60750 CALSYS -60750 CALSYS -60750 The Standards used for Calibration is traceable to National / International Standard. The results of calibration are & under: The Standard Sensor Ohms C Ohms C 2 79.92 63.442 79.92 63.442 79.71 34.90 49.93 119.439 50.14 157.377 150.14 249.80 349.73 349.65 249.80 349.73 349.65 349.73 350.26 400.40	
CALSYS -60/50 CALSYS -60/50 CALSYS -600 CA	- 4 104
CALSYS 300 CALSYS 300 CALSYS 650 Processits of calibration is traceable to National / International St. Standards used for calibration are as under: Standard Sensor 195.76 195.76 20.49	CALSYS -60/50
CALSYS 650 CALSYS 650 A Standards used for calibration is traceable to National / International Standards used for calibration are as under: Standard Sensor Ohms 195.76 29.92 0.49 0.49 0.49 0.49 195.86 195.87 195.88 195.89 195.89 195.89 195.80	CALSYS 300
As shandards used for calibration is traceable to National / International Standard Sensor	CALSYS 650
Standards used for calibration is traceable to National / International Standards sensor	
Shandard Sensor UUC -195.76 -195.76 -195.76 -20.0hms -20.496 -24.99 -24.99 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.98 -24.88 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130 -24.130	tandards used for calibration is traceable to National / Inb
5. Standard Sensor Ohms UUC -195.76 20.492 -195.76 20.492 -195.26 85.327 0.06 100.055 49.93 119.439 119.18 119.437 249.25 129.167 249.26 229.807 249.26 229.807	Suits of calibration are 🛎 under :
2. Ohms Out Ohms Ohms Ohms Ohms Ohms Ohms Ohms Ohms	
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-79,92 63.447 -34,96 85,327 0.06 10,055 49,93 119,439 149,88 157,377 249,80 194,167 339,75 229,807 399,73 247,230 495,66 781,127	
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0.66 10.0555 49.53 119.435 119.88 117.77 249.80 194.167 349.75 229.807 399.73 247.236	
4.9.9.3 119.439 119.88 119.439 249.89 197.377 349.75 194.167 349.75 229.807 399.73 249.80 499.65 261.157	Marin
149.68 157.377 249.80 194.167 349.75 229.807 399.73 247.230 499.66 987.157	******
249.80 154.167 349.75 154.167 229.807 399.73 247.230 499.66 281.151	
349,75 399,73 399,73 247,236 499,56 781,152	tra repens
399.73 247.230 499.56 281.53	
499.56	

The calibration results reported in this certificate are valid at the time of and under the stated condition of most interest for the partitions sample.

The report shall not be reported except in full, without written permission of the laboratory Coverage factor % = 2 at aperox 95,45% confidence level.

Next Calibration Due Date mentioned as per customer requirement.

TEMPERATURE SENSOR TECHNOLOGY -

Calibrated By

Checked By

All Company Technical Manager

Relative Fundity: 50±20%RH



VAIDYANATHESHWARA INSTRUMENTS CERTIFICATE OF CALIBRATION



No. 301/A, ≝th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Fost, Bangalora - 55€ 096

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

1 Name and Addless of Customer

M/s.: Reliable Technical services. Sant Tukaram Nagar, Pimpri, Pune - 411018. Reliable House 497/2834, Behind Police Station, (A Division Of Reliable Technocare Pyt Ltd.,)



Results: Certificate No.

VII21-22/C472-02

Page No: 2 of 4

2.5 DC No & Cale 2.4 Certificate No. 2.3 Format No. 2.2 SRF No. 2.1 ULR No 2 Customer Reference

: VI/21-22/0472-02 : VI-FRM-ET-008

: CC247321200000130F

: RTS/45/21-22 & 15-09-2021 : 07-10-2021

3 Details Of Device Under Calibration(DUC). 3.1 Nomenclature 2.6 Date of Issue : 6.5 Digit Multimeter

3.2 Make / Morie

: Pincotest /M3500A

3.6 No.of Pages 3.4 DUC Condition 3.3 St. No. / Id_No. ion ⊃iocedure : Satisfactory : Sop-37-08 : TW00006839 / RTS-DMM-02

3.7 Calibration Date

: 29-09-2021

: Electro - Technical : 28-09-2022 : VI Electrical Lab

3.9 Calibration ignesst 3.8 Calibration Due

4 Environmental Condition

4.0 Discipline Temperature

25.2 °C

Humidity

51 %FH

14-09-2022 Validity

5 Standards Used for Calibration Nomenclatura Calibrator Make & Model Fluke & 5522A | 3289904 SI. No ±11 ppm Accuracy Basic CR/PCAL/51653/1 Certificate No.

SI. No.

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	10
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- 6.1. The Calibration Certificate relates only to the above DUC.
- 6.2. Publication or repr⊪duction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI Lab.
- 6.3. Corrections/exasing, invalidate the Calibration Certificate.
- 6.4. Calibration of the CLIC are traceable to National standards/International Standards
- 6.5. Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Certificate.
- 6.6. Results Reported are valid at the time of and under the stated conditions of measurements.
- 6.7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By

Calibration Engineer Navy

Checked By (Lab In-Charge)

s caly to the item/gauge submitted and may not be reprodu in permission from Valdyanathashwara Instruments Banga





No. 301/A, 9th Main Road, 3rd Crzss, Reji∉ Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096. Conlact : 080-23377266, Mob : 99865867 € / 3448080177 / 9984308118, | Email : info@viptgroup.com, Web : www.viptgroup.com CERTIFICATE OF CALIBRATION

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With wide Certificate No: CC-2473

30 29 28 Sl. No. | Parameter DC Current DC Voltage 100 mA 10 mA 1000 V Range 3 A Ä 100 V 100 mV 10 V 1 Standard 0. JA C g 1807/ Ü 503 0.100015 A 100,0049 10.00102 1.000022 0.500012 DUC Reading | Error Claimed (±) 5,00041 0.10017 mA 100,0013 1.00003 V 0.100005 V 50,0038 999,984 500.011 10,00019 5.00011 100,0025 10,0019 mA 50,0010 100.003 V 10.0004 V 35.0018 30.0013 25.0012 0.5003 mV 0.000200 A 0.000600 0.001100 0.00420 0.00300 0.00205 mA 0.000047 0,000027 0.000011 0.0550 0,0300 0.00700 0.00450 0.0100 mA 0.00023 A 600000 0.055 0.0051 0.0029 0.0085 0.0060 0.033 0.015 V 0.0035 mV 0.0040 0.0011 V 0.00041 0.00102 0.0019 mA 0.000102 0.000025 A 0.000015 A 0.00123 0.000203 0.00052 0.00011 0.000022 0.000012 0.000005 V 0.0049 0.0038 0.00017 mA 0.0010 0.00003 V 0.0004 V -0.016 0.0025 Observed 0.0023 0.011 0.003 V 0.0020 0.0018 0.0013 0.0012 0.0010 0.0005 0.0003 mV 0.00014 0.00055 0.00110 0.00110 mA 0.001150 0.00027 A 0.00027 0.002300 \ 0.002300 0.000160 \ 0.0000004 V Uncertainty (±) 0.00001 A 0.01100 0.00195 0.00156 0.00012 mV







