

CERTIFICATE OF CALIBRATION

| | | | | | |
|-------------|------------|-------------------|-----------------|-------------------|-------------------|
| SRF No. | F0004 | Certificate No. | FCL/24/F0004-01 | ULR No. | CC31032400000031F |
| Date of SRF | 20-01-2024 | Date of Cal. | 20-01-2024 | Next Cal Due | 19-01-2025 |
| Issue Date | 21-01-2024 | Cal Procedure No. | FCL-SOP-THE-05 | Status on Receipt | Satisfactory |
| No of Pages | 01 | Page No. | 01 of 01 | Cal Done At | Inhouse |

Customer Name & Full Address:

M/s. COMMUNITY HEALTH CENTRE.,
 Rajeshwar,Basavakalyan Tq,
 Bidar Dist-585331.

DEVICE UNDER CALIBRATION (DUC) DETAILS

| | | | |
|--------------|--------------------------------|------------|--------------------------------|
| Nomenclature | Temperature & Humidity Meter | Model | HTC-2 |
| Make | HTC | Range | -50°C to 70°C & 10%RH to 99%RH |
| Serial. No. | NA | Resolution | 0.1°C & 1%RH |
| ID No | ICTC/CHC/Rajeshwar/Thermometer | Accuracy | ± 1 °C & ± 5% RH |
| Location | ICTC Lab | | |

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

| Nomenclature | Make/Model | SI. No / ID No. | Traceable to | Validity |
|---------------------|------------------|-------------------------|--------------------|------------|
| Humidity Temp Meter | Retronix/ HP23-A | 61789382/20291725 TH-08 | FCL-SB/23-05/03/01 | 04-05-2024 |

Environmental Condition : Temperature : 25.7 °C Humidity: 49 %RH

Calibration Results: Temperature Range : 38 °C ± 1 °C

| SI.NO | DUC Readings in °C | Standard readings in °C | Observed Deviation in °C | Computed Measurement Uncertainty (±) in °C |
|-------|--------------------|-------------------------|--------------------------|--|
| 1 | 10.2 | 10.1 | 0.1 | 0.8 |
| 2 | 20.5 | 20.2 | 0.3 | 0.8 |
| 3 | 30.5 | 30.3 | 0.2 | 0.8 |
| 4 | 40.7 | 40.4 | 0.3 | 0.8 |

Calibration Results: Humidity Range : 90 %RH ± 1 %RH

| SI.NO | Standard readings in °C | STD Readings in %RH | DUC Readings in °C | DUC Readings in %RH | Observed Deviation in °C | Observed Deviation in %RH | Computed Measurement Uncertainty (±) in %RH |
|-------|-------------------------|---------------------|--------------------|---------------------|--------------------------|---------------------------|---|
| 1 | 25.2 | 22.2 | 25.4 | 22 | 0.22 | -0.21 | 0.9 |
| 2 | 25.1 | 60.4 | 25.5 | 60 | 0.38 | -0.25 | 0.9 |
| 3 | 25.3 | 90.5 | 25.6 | 91 | 0.28 | 0.33 | 0.9 |

Remarks :

- The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2.
- This Calibration Certificate refers only to the Particular item submitted for calibration. Calibration points given as per customer request.
- NABL Accredited Calibration Lab as per ISO/IEC 17025:2017 with vide Certificate No:CC-3103
- The Usage of NABL symbol is as per NABL guidelines given in NABL 133. The Calibration Certificate relates only to the above DUC.
- Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal.
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Calibrated by



Rajashekar B
 Calibration Engineer



Authorized by



Vinay Kumar
 Quality Manager

*****End of Calibration Certificate*****



CALIBRATION CERTIFICATE

Customer Name & Address : M/S COMMUNITY HEALTH CENTRE,,
Rajeshwar,Basavakalyan Tq,
Bidar Dist-585331.

ULR:CC31032400000032F

Customer Reference :

SRF No: F0004

Date :20-01-2024

| Calibration Certificate Number | Calibrated On | Customer Recom Due Date | Page No. |
|--------------------------------|---------------|-------------------------|----------|
| FCL/24/F0004-02 | 20-01-2024 | 19-01-2025 | 1 of 1 |

Details of device under calibration(DUC)

| | |
|----------------------------------|---------------------------------------|
| DUC: Centrifuge | ID No: :ICTC/CHC/Rajeshwar/Centrifuge |
| Make/Model: Remi | DUC condition on Recei Good |
| Range(LC): 0-3500RPM | Cal At: ICTC Lab |
| SI.No: :NA | Date of Receipt 20-01-2024 |
| Cal Procedure No FCL-SOP-MECH-02 | Date of issue :21-01-2024 |

Environmental conditions Temperature: 20.4 °C Relative Humidity: 42 %RH

Standards used:

| SI.No | Nomenclature | Make & Model | SI.No | Traceability | Validity |
|-------|--------------|--------------|---------|---------------|------------|
| 1 | Tachometer | Lutron | Q652919 | TMS/23/132-07 | 20.08.2024 |

Observation: Non Contact Mode :

| SI No. | Standard Reading | UUC Set | Deviation Observed | Expanded Uncertainty Ue |
|--------|------------------|---------|--------------------|-------------------------|
| | in RPM | in RPM | in RPM | in ± RPM% |
| 1 | 1544.0 | 1 | ----- | 2.5 |
| 2 | 2132.0 | 2 | ----- | 2.5 |
| 3 | 2589.0 | 3 | ----- | 2.5 |
| 4 | 2880.0 | 4 | ----- | 2.5 |
| 5 | 3367.0 | 5 | ----- | 2.5 |

standard followed -SANAS TR 45-01

The above UUC was calibrated using comparison method

The reported expanded uncertainty is calculated at Confidence level =95.45%. Coverage factor k = 2

Calibrated by

Authorized by

Rajashekar
(Calibration engineer)



Vinay kumar.M
(Quality Manager)



Sarvashree

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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 with vide Certificate No: CC-2291

CALIBRATION CERTIFICATE

SS/ FF-20/ v1

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1 Name and Full Address of Customer : M/s. Community Health Centre.,
Rajeshwar, Basavakalyan Tq, Bidar Dist-585331.

2 Customer Reference

2.1 SRF No : A5675 Date of Receipt : 20 January 2024
2.2 Certificate No. : SS/24/A5675-01 ULR No: CC229124000000765F
2.3 Date of Calibration : 20 January 2024 Date of Issue : 20 January 2024
2.4 Next Calibration Due : 19 January 2025

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Stop Watch Model : ---
3.2 Make : Racer ID. No. : ICTC/CHC/Rajeshwar/Timer
3.3 Sl.No : --- Range : 5 to 30 min
3.4 No.of Pages : 1 LC : 1 sec
3.5 Calibration Procedure No. : SOP-ETH-28 Location : ---
3.6 DUC Condition : Satisfactory
3.7 Calibration done at : Onsite
3.8 Discipline-Group : Electro - Technical

4 Environmental Condition

4.1 Temperature 24.5 °C Humidity 43 %RH

5 Standards Used for calibration

| Sl. No. | Nomenclature | Make / Model | Sl. No | Traceable Cert. No. | Validity |
|---------|--------------------|---------------|---------|---------------------|-----------|
| 1 | Digital Stop Watch | CASIO/HS-80TW | J009Q03 | CC2300752/1 | 06-Apr-24 |


6 Calibration Results :-

| SL No. | DUC Reading in Min | Standard Reading in H:min:sec:1/1000s | Observed Deviation H:min:sec:1/1000s | Measurement Uncertainty ± |
|--------|--------------------|---------------------------------------|--------------------------------------|---------------------------|
| 1 | 5 | 0:05:00:007 | 0:00:00:007 | 0.3% |
| 2 | 10 | 0:10:00:013 | 0:00:00:013 | 0.3% |
| 3 | 15 | 0:15:00:022 | 0:00:00:022 | 0.3% |
| 4 | 20 | 0:20:00:029 | 0:00:00:029 | 0.3% |
| 5 | 25 | 0:25:00:035 | 0:00:00:035 | 0.3% |
| 6 | 30 | 0:30:00:047 | 0:00:00:047 | 0.3% |

7 Note:

7.1. Kindly refer to Note(s) Section mention as below.

Calibrated By


Susindran
(Calibration Engineer)



Authorised By


Sarvesh Rao B
(Technical Manager)

*****End of Certificate*****

NOTE: 1. Measurement Uncertainty reported is at approx 95.45% confidence level with coverage factor k=2, 2. Publication or reproduction 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 Sarvashree. 3. The Calibration Certificate relates only to the above DUC. DUC Indicates Device Under Calibration., 4. Corrections/Erasing invalidate the calibration certificate. 5. All Standards / Masters used for calibration are traceable to National / International Standards. 6. Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate. 7. Results reported are valid at the time of and under stated conditions of measurements. 8. Conformity statement is given only when requested by the customer. 9. NABL-133 Guidelines are adopted for use of NABL Symbol.