



CALIBRATION CERTIFICATE

JOB ORDER NO	AIC/SRF/22-23/220315	PAGE NUMBER		01 of 02	
CERTIFICATE NUMBER	AIC/22-23/220315-01	ULR NO :	CC267422000001353F	Date of Issue:	07-03-22
CUSTOMER ADDRESS	M/S. GOVERNMENT PRIMARY HEALTH CENTRE HOSPITAL, ODDAIPATTI, THENI.				

DEVICE UNDER CALIBRATION DETAILS

NOMENCLATURE	DIGITAL THERMOMETER
MAKE	-
MODEL NO	PM-10
TYPE	-
SERIAL NUMBER	-
RANGE	-50 to 100 °C
RESOLUTION	0.1°C
LOCATION	ICTC LAB
ID NUMBER	DTM-01
DEVICE UNDER CALIBRATION RECEIVED DATE	04-Mar-22
CALIBRATION DATE	04-Mar-22
RECOMMENDED NEXT DUE DATE	03-Mar-23
CONDITION OF ITEM ON RECEIPT	GOOD

REFERENCE STANDARDS DETAILS

	MASTER 1
NOMENCLATURE	RTD SENSOR WITH DIGITAL MULTIMETER
MAKE	TEMPSENS/FLUKE
MODEL NO	RTD - PT-100 / 8846A
SERIAL NUMBER	35483/3372010
TRACEABILITY DETAILS	2021-22/EQN/2201112-03
VALIDITY	27-Jan-23

MONITORED ENVIRONMENTAL CONDITIONS

TEMPERATURE (°C)	25 ± 4	RELATIVE HUMIDITY (%RH)	30-75
CALIBRATION PROCEDURE	CP-T02-2016		

CALIBRATED BY P.NATARAJAN CALIBRATION ENGINEER	SEAL OF ARROW	APPROVED BY A.MASILAN TECHNICAL MANAGER
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ARROW INSTRUMENTS

CALIBRATION

6/875, Lakshmi Nagar, Near Government School,
Thoppampatti, Coimbatore - 641 017.
Mobile : 94433-55420, 82200-55434



E-mail : arrowinstrument@yahoo.co.in

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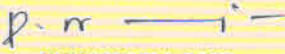


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CALIBRATION RESULTS

Range (°C)	DUC Readings (°C)	Mean Standard Readings (°C)	Deviation (°C)	Error Limit (±) (°C)	Expanded Uncertainty (±) (°C)
-50 to 100 °C	-34.9	-34.739	0.161	1.0	0.46
	-19.8	-19.628	0.172	1.0	0.46
	0.1	0.334	0.234	1.0	0.46
	29.6	29.888	0.288	1.0	0.46
	49.1	49.442	0.342	1.0	0.46
	79.6	79.984	0.384	1.0	0.26
	99.5	99.897	0.397	1.0	0.26

REMARKS

- 1.The above mentioned device under calibration was calibrated at Lab.
- 2.The recalibration interval should be determined on the user requirement.
- 3.The results stated in this certificate relate only to the item calibrated.
- 4.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 5.Any correction / Modification in this calibration report kindly inform with in 30 days.
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
- 7.Calibration of the DUC are traceable to National Standards/International Standards.

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