CALIBRATION CERTIFICATE

ULR: CC229822000001305F		
CUSTOMER'S DETAILS	DISCIPLINE Thermal	Page 01 of 01
M/S RELIABLE DIAGNOSTIC CENTER,	CERTIFICATE NO.:	AQCS/22070101.002
Near Manglam City, Jaipur Road, Chomu Bypass Crossing,	Date of Issue of Certificate	02/07/2022
Radhaswami Bagh, Chomu (Rajasthan)	Date of Calibration	01/07/2022
	Recommended due date	30/06/2023

Service Request No.	220628/01	**INSTRUMENT DESCRIPTION**	
Service Request Date	28/06/2022	Nomenclature	Temperature Indicator with sensor
DUC Receipt Date	30/06/2022	Make	R-Tek
DUC Condition	Ok	Model	RT-608
Cal. Performed At	Lab	Sr. No. / Ident.	RT-27448 / RDC/Chomu/TI/02
Procedure Followed	CP/TH-03	Range	-10 to +50 °C
Environmental Condition		Least Count	0.1 °C
Temperature 25±2.5°C	Rel. Hum. 50±10%	Location	Lab

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Certificate No.	Valid up to
PT100, 4 wire RTD with Indicator	-80 to 200 °C	0.08 °C	11339 /16A046131	TL/022/662.1.1	10/06/2023

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
-9.78	-9.8	-0.02	0.23
4.97	4.8	-0.17	0.23
20.18	19.8	-0.38	0.23
35.24	34.7	-0.54	0.23
50.36	49.6	-0.76	0.23

REMARKS :

1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

2. The result reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument identified above.

3. This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the Director, Apex Quality Certification Services Pvt. Ltd. Jaipur

4. Format Number.: F-06/00
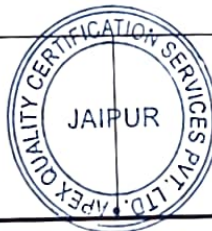
Calibrated by		Approved by
(V. B. Mathew)	JAIPUR	(R. R. Yadav) Quality Manager