

CALIBRATION CERTIFICATE

Discipline : - Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No.:- CC221322000004383F		Date of Request	24.12.2022
Certificate No. : NCL/L/2022/71/01		Date of Receipt of Item	30.12.2022
Calibrated For	M/S. Oasis Techno Engineers Pvt. Ltd. B-42, 2 nd floor, Sector-65, Noida, (U.P)	Calibrated on	31.12.2022
		Suggested Next Due Date	31.12.2023
		Cert. Issue Date	31.12.2022

Description of Sample

Nomenclature	Thermal Imager Camera	Applicable Tolerance	N/A
Make	Flir	Condition of UUC	Satisfactory
Model No.	E30	Calibration Performed at	Lab
Range	-20 ~ 350 °C	Calibration Procedure No.	CP/T-07
Least count	0.1 / 1 °C	Test Purpose	Calibration
S.No.	49201924	Reference Standard	VDI / VDE 355 Part 4.3
Party ID Mark No.	OASIS/INST/015	Environmental Cond's	25±4 °C
Location	N/A	RH %	30 to 75%

Master Equipment / Standard Used

S.N.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal.
1	Infrared Thermometer With Black Body	Metravi	190513072 NCL/IRT-01	JRPM	JRPM-CCTR-THER-2022-2277	22.11.2023

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

RESULTS

S.N.	Set Value in (°C)	Std. Reading in (°C)	UUC Reading in (°C)	Error in in (°C)	Uncertainty ± °C
1	50	50.7	50.2	-0.5	3.62
2	150	150.5	150	-0.5	3.62
3	250	250.3	249	-1.3	3.62
4	300	301.0	300	-1.0	3.62
5	350	350.0	349	-1.0	3.62

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor $k = 2$.

Remarks:

Note:-


1. This results of calibration refers only to the particular item submitted for calibration
2. This certificate shall not be reproduce, except in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. *UUC = Unit under Calibration
6. Statement of Conformity and applicable decision Rule as Standard.
7. Observed values are average values

Calibrated By


Pooja Pandey
Calibration Engineer



Approved By


Yogesh Kumar / Nishant Tyagi
Quality Manager/Technical Manager