

Calibration Certificate

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 8, 2025

Page 1 of 1

REQUEST NUMBER : By Mail	REVIWED & APPROVED BY LAB INCHARGE
JOB NUMBER : QC-B-01-25-0014	
CERTIFICATE NUMBER : QC-B-01-25-0014-11	

CUSTOMER DETAILS

Name : Egyptian Maintenance Company(EMC) IRAQ
Address : Basra, South Iraq



EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : IR Thermometer
Type of Indication : Digital
Manufacturer : FLUKE
Model : 566
Serial Number : 98180025
Range : -40 °C to 650 °C
Calibration Range : 30 °C to 500 °C
Resolution : 0.1 °C
As Found : Good
Calibrated By : Hussein Alaa
Calibration Date : January 8, 2025
Calibration Due : January 7, 2026



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2°C **Relative Humidity :** 45 % RH ± 5 % RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance Calibration Procedure QC/CP/T/01 Rev. 01
 The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL #	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Metrology well	B85655	FLUKE / 9170	5-Aug-24	4-Aug-25

CALIBRATION TEST RESULTS

Measurement Data for IR Thermometer

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
°C	°C	°C	± (°C)
29.8	30.00	-0.20	1.0
199.5	200.00	-0.50	1.0
349.4	350.00	-0.60	1.0
399.4	400.00	-0.60	1.0
499.2	500.00	-0.80	1.0

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

DEVIATION FROM STANDARD METHOD : None

REMARK (S) :
 The results are as found (no adjustment done).
 The results are post adjustment.