

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: September 22, 2026

Loading Note No	: by mail	APPROVED BY: L. AL-BUCHARI QC
JOB NUMBER	: QC-CAL-26154	
CERTIFICATE NUMBER	: QC-CAL-26154-25	

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Electrode Dryer
Manufacturer : Electra
Model : ZYH-10S
Serial Number : E190510S-071
Type : Analog
Range : (50- 300)°C
As found : In Tolerance
Calibrated By : Hussein Alaa
Calibration Date : September 22, 2026
Calibration Due : September 21, 2027



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 40.0 ± 1°C Humidity : 25.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

This calibration was carried out in compliance with ISO/IEC 17025, 2017 & ISO 9001, 2015. Calibration of above mentioned instrument has performed against reference standard digital Thermometer with Type K Thermocouple. The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	MAKE	MODEL #	SERIAL #	CALIBRATION DATE	DUE DATE
Digital Thermometer with K-Type Thermocouple	PATOS	DE-305	G0009036	3-Nov-25	2-Nov-26

CALIBRATION TEST RESULTS

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
°C	°C	°C	± (°C)
50	50.10	-0.10	2.0
150	150.50	-0.50	2.0
200	200.50	-0.50	2.0
250	250.80	-0.80	2.0
300	301.00	-1.00	2.0

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

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

DEVIATION FROM STANDARD METHOD : None

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