

CERTIFICATE OF CALIBRATION



ISSUED BY THE CALIBRATION LABORATORY OF DELTA ENGINEERING INSPECTION & LOGISTICS SERVICES

Web: deltaiq.com.iq.com

Tel No: +964 783 1000222 & +964 783 1000333

E Mail: info@deltaiq.com.iq

Customer: **EMC Co.**

Job No: DES-EMC-26-00148

Issue Date: 23-Sep-2026

Certificate No: **DES-EMC-26-00148-70**

Period: **12 Months ± 4 Days**

Cal. Due Date: **22-Sep-2027**

Calibration Results:

1- Insulation Resistance Results:

Ref. SN	Ref. Value	U.U.T Reading	Mean Reading	Error	Error%	Results
#	Mega Ohm	Mega Ohm	Mega Ohm	Mega Ohm	%	PASS/FAIL
1	10	10.02	10.0	0.0	0.21%	PASS
2	20	20.08	20.0	-0.1	0.42%	PASS
3	30	30.19	30.1	-0.2	0.63%	PASS
4	40	40.34	40.2	-0.3	0.84%	PASS
5	50	50.53	50.3	-0.5	1.05%	PASS

2- Test Voltage Results:

Ref. SN	Ref. Value	U.U.T Reading	Mean Reading	Error	Error%	Results
#	KV	KV	KV	KV	%	PASS/FAIL
1	0.250	0.250	0.250	0.000	0.11%	PASS
2	0.500	0.501	0.501	-0.001	0.22%	PASS
3	1.000	1.003	1.002	-0.003	0.33%	PASS
4	2.500	2.511	2.506	-0.011	0.44%	PASS
5	5.000	5.028	5.014	-0.027	0.55%	PASS

Remarks:

Temp: (23.0) ± 2 °C

Ambient Humidity: (31.2) ± 0.1 % RH

- The device under calibration was calibrated up to The Original Equipment Manufacture (OEM) recommended span according to used standard calibration method with a calibration system which meets The OEM calibration requirements.

U.U.C Details:

Asset No.	N/A
Description	Insulation Meter
MFG (OEM)	FLUKE
Model	1550C

Serial No.	ZK13052
Max. Range	250 kΩ to 1 TΩ
Resolution	Unspecified
Accuracy	5% To 20%

Refrance Details:

Asset No.	N/A
Description	DECAD RESISTANCE BOX
MFG (OEM)	Megger
Model	N/A

Serial No.	14864352
Max. Range	1-100 Mega Ohm
Resolution	Unspecified
Accuracy	±1%



Test Results:

- The calibrated device error span was found in the allowable tolerance of the maximum permissible error at the time it had been calibrated.
- The calibrated device has been inspected and found in specifications at the time it had been calibrated.

Calibrated By:

Name: Hassan Amer

Signature:

Reviewed By:

Name: Hassan Nazzal

Signature:

Employing Calibration Method: IEC 61557-2

This calibration was carried out in compliance with ISO / IEC 17025 2nd Ed.2005 "General requirements for the competence of testing & calibration laboratories".

The expanded uncertainty was calculated by using a coverage factor K = 2, providing a level of confidence of approximately 95 %.

This certificate refers only to the particular item submitted for calibration.

This certificate is valid only with signature and Co. Stamp.

