

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq

Date of Issue: August 3, 2024

Page 1 of 2

REQUEST NUMBER	: By Mail	APPROVED BY	QC
JOB NUMBER	: QC/JN/24/00307		
CERTIFICATE NUMBER	: QC240803-04		



CUSTOMER DETAILS

Name : **Halliburton Worldwide IRAQ**
Department : Sperry
Address : Western Burjesia, Oil Street, Zubair, South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Insulation Tester**

Type of Indication : Digital

Manufacturer : Megger

Model : MIT410/2

Serial Number : 102228394

SAP : **300275795**

Calibrated Range :

Testing Voltage (DC) 50V - 100V - 250V - 500V - 1KV

AC/DC Voltage 0 to 600 V

Resistance 1 Ω to 200 G Ω Continuity Testing Resistance 100 Ω 

As Found : InTolerance

Calibration Date : August 3, 2024

Calibration Due : **August 2, 2025**

Last Calibration : August 16, 2023

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C $\pm$ 2 °C
Relative Humidity : 15 %RH $\pm$ 5 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with QC Calibration Procedure # QC/CP/E/01 Rev. 01

The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

TRACEABILITY

The measurements made by Quality Control Labs, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :

DESCRIPTION	MAKE	MODEL #	SERIAL #	CALIBRATION DATE	TRACEABILITY
Multifunction Calibrator	Fluke, USA	5522A	2806902	8/25/2023	8/24/2024
Ref Multimeter	Fluke, USA	8508A	276568089	8/25/2023	8/24/2024
Decade Resistance Box	Corpico	RBB6-B	18F-1093	8/25/2023	8/24/2024

CERTIFICATE OF CALIBRATION

CERTIFICATE NUMBER

REQUEST NUMBER: By Mail
JOB NUMBER: QC/JN/24/00307

QC240803-04

Page 2 of 2

CALIBRATION TEST RESULTS

Measurement Data for DC Voltage

Zero or Offset Readings of UUC

Before Adjustment	After Adjustment
V	V
0	0

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (2%)
V	V	V	± (V)
100	100.025	-0.025	2
200	200.089	-0.089	2
400	401.000	-1.000	2
600	601.500	-1.500	3

Measurement Data for AC Voltage @ 50 Hz

Zero or Offset Readings of UUC

Before Adjustment	After Adjustment
V	V
0	0

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (2%)
V	V	V	± (V)
100	101.000	-1.000	2
200	201.000	-1.000	2
400	401.235	-1.235	2
600	602.000	-2.000	2

Measurement Data for Resistance at different Voltage Range

Readings on UUC		Readings on Ref. Standard		Error		Uncertainty (2%)	
GΩ	V	GΩ	V	GΩ	V	± GΩ	V
10	50	10.05000	50.50000	0.05000	0.50000	0.20	1.00
20	100	20.10000	101.00000	0.10000	1.00000	0.40	2.00
50	250	50.30000	251.00000	0.30000	1.00000	1.00	2.00
100	500	100.80000	502.00000	0.80000	2.00000	2.00	3.00
200	1000	201.00000	1003.50000	1.00000	3.50000	4.00	3.00

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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Hussein Alaa	 LAB INCHARGE Asjad Ra	