

Calibration Certificate

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Date of Issue: July 16, 2025

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REQUEST NUMBER : By Mail	APPROVED BY:  / QUALITY CONTROL / For Engineering Services
JOB NUMBER : QC-CAL-25266	
CERTIFICATE NUMBER : QC-CAL-25266-19	

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 Number : **300275795**
Calibrated Range :
 Testing Voltage (DC) : 250V 500V 100V
 AC/DC Voltage : 0 to 600 V
 Resistance : 200G Ω
 Continuity Testing :
 Resistance : 100 Ω



As Found : In Tolerance
Calibrated By : Hussein Alaa
Calibration Date : July 16, 2025
Calibration Due : **July 15, 2026**
Last Calibration : NA

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2 °C
Relative Humidity : 20 %RH ± 5 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with QC Calibration Procedure # QC/CP/E/01 - OEM RECOMMENDATION
 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	CALIBRATION DUE DATE
Multifunction Calibrator	Fluke, USA	5522A	2806902	8/20/2024	8/19/2025
Ref Multimeter	Fluke, USA	8508A	276568089	8/20/2024	8/19/2025
Decade Resistance Box	Corpico	RBB6-B	18F-1093	8/20/2024	8/19/2025

CERTIFICATE OF CALIBRATION

CERTIFICATE NUMBER

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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)
100.0	100.500	0.500	2
200.0	200.500	0.500	2
400.0	401.000	1.000	2
600.0	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
V	V	V	± (V)
100.0	101.000	1.000	2
200.0	201.000	1.000	2
400.0	402.000	2.000	2
600.0	602.000	2.000	2

Measurement Data for Resistance at different Voltage Range

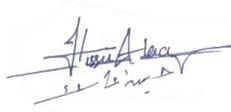
Readings on UUC		Readings on Ref. Standard		Error		Uncertainty	
GΩ	V	GΩ	V	GΩ	V	± GΩ	±V
10	256	10.050	256.2500	-0.0500	-0.2500	0.20	2.00
50	255	50.200	256.4700	-0.2000	-1.4700	0.40	2.00
70	504	70.100	504.2300	-0.1000	-0.2300	0.20	2.00
100	505	100.300	504.2500	-0.3000	0.7500	0.20	2.00
150	1017	151.200	1017.2100	-1.2000	-0.2100	0.30	2.00
200	1018	201.300	1018.8400	-1.3000	-0.8400	0.40	2.00

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	 Asjad Rafiq	 LAB INCHARGE	