Calibration Certificate

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Date of Issue: June 3, 2024

REQUEST NUMBER	: By Email	APPROVED BY LAB IN CHARGE QC
JOB NUMBER	: QC/JN/24/00226	
CERTIFICATE NUMBER	: **QC240603-14**	

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Current Sense Resistor**
Type of Indication : Digital
Manufacturer : Sperry Sun
Model : 860599
SAP No. : 300093752
Serial Number : 4506802027 / ZSS3888

Calibrated Range:

Voltage DC Input	24	V
Current DC Output	3.42	A
Resistance	7	Ohm
Voltage (DC)	0.1	V
Current (DC)	0.1	A

As Found : In Tolerance
Calibration Date : June 3, 2024
Calibration Due : June 2, 2025 1 Year Validity
Last Calibration : June 5, 2023

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature	:	22 °C	±	2 °C
Relative Humidity	:	40 %RH	±	5 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with QC Calibration Procedure # QC/CP/E/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	CALIBRATION DUE DATE
Multifunction Calibrator	Fluke, USA	5522A	2806902	8/25/2023	8/24/2024
Ref Mulitmeter	Fluke, USA	8508A	276568089	8/25/2023	8/24/2024

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
µV	µV
0	0

Before Adjustment	After Adjustment
mV	mV
0	0

Before Adjustment	After Adjustment
V	V
0	0

Readings on UUC			
VDC (Input)	A (output)	Ohm (Fixed)	± Uncertainity
24.00	3.42	7.0	0.05

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

■ The results are as found (no adjustment done).

☐ The results are post adjustment.

CALIBRATED BY	REVIWED & APPROVED BY LAB INCHARGE	CLIENT
Mahdi Halim	LAB INCHARGE Asjad Rafiq	