

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 1, 2024

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REQUEST NUMBER : By Phone	APPROVED BY LAB INCHARGE QC
JOB NUMBER : QC/JN/24/001	
CERTIFICATE NUMBER : QC240101-06	Mahdi Haleem

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**
 Manufacturer : LINCOLN
 Model : FLEXTEC 450
 Location : EMC Yard North Rumaila
 Serial Number : **U11331104720**
 Type : Digatel
 Range : 15 to 500 DC Amp
 Calibrated Range : 15 to 500 DC Amp
 Readability : 5 DC Amp
 Calibrated By : Mahdi Haleem
 Calibration Date : January 1, 2024
Calibration Due : December 31, 2024
 Calibration Site : QC Yard North Rumaila



DEVIATION FROM STANDARD METHOD : None
REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 24.0 ± 1°C Humidity : 36.0 ± 5 % RH Atm. Pressure : 1012.0 ± 10 hPa

CALIBRATION METHOD

Based on ANSI/NCSL Z540-1, The reported uncertainty is the expanded uncertainty with k=2 according to the ISO/IEC "Guide to the expansion of uncertainty in measurement" providing a level of confidence of approximately 95%

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	SOURCE OF TRACEABILITY
Digital Clamp Meter	41700032WS	AW-22082831	AL-Wahran Basra IRAQ

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
DC Amp	DC Amp	DC Amp	± DC Amp
15	16.00	-1.00	5
100	98.00	2.00	5
200	197.00	3.00	5
300	304.00	-4.00	5
500	502.00	-2.00	5

Results: The above Value Indicates That the Micrometer Permissible Error Tolerance At The Time of Calibration. And result has been accepted and ready for use.

