


## Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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

Date of Issue: May 20, 2024

Page 1 of 1

REQUEST NUMBER :	By Mail	APPROVED BY LAB INCHARGE QC
JOB NUMBER :	QC/JN/24/00307	
CERTIFICATE NUMBER :	QC240520-38	

### CUSTOMER DETAILS

Name : **Aberdeen Technical Services Basra Iraq**  
 Address : District Zubair-South Iraq  
 Department : Workshop

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**  
 Manufacturer : SMART  
 Model : ZX7-6301  
 Location : Machine Shop  
 Serial Number : **2018030558**  
 Type : Digatel  
 Range : 20 to 500 DC Amp  
 Calibrated Range : 20 to 500 DC Amp  
 Readability : 5 DC Amp



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.

Calibrated By : Hussein Alaa

Calibration Date : May 20, 2024

Calibration Due : **September 19, 2024**

Calibration Site : QC Yard North Rumaila

### 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/NC SL 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
20	20.50	-0.50	5
100	100.50	-0.50	5
200	200.50	-0.50	5
300	300.50	-0.50	5
500	500.50	-0.50	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.