

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: September 22, 2026

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REQUEST NUMBER : by mail	APPROVED BY: [Signature] LARGE QC
JOB NUMBER : QC-CAL-26154	
CERTIFICATE NUMBER : QC-CAL-26154-08	

CUSTOMER DETAILS

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

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**
Manufacturer : SMART
Model : WS-200
Serial Number : **20190600219**
Type : Analoge

Calibration Info

Range : 20 to 200 DC Amp
Calibrated Range : 20 to 200 DC Amp
Readability : 5 DC Amp
Calibrated By : Hussein Alaa
Calibration Date : September 22, 2026
Calibration Due : September 21, 2027



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 : 40.0 ± 1°C Humidity : 25.0 ± 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.	Calibration Date	Due Date
Digital Clamp Meter	41700032WS	November 3, 2025	November 2, 2026

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	19.80	0.20	5.00
80	80.40	-0.40	5.00
120	120.50	-0.50	5.00
160	160.70	-0.70	5.00
200	201.00	-1.00	5.00

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.



Address : North Rumaila, Al Takamul Yard

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