

## 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 : <b>QC240101-07</b> | <b>Mahdi Haleem</b>         |

### CUSTOMER DETAILS

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

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**  
 Manufacturer : LINCOLN  
 Model : LINC 1400  
 Location : EMC Yard North Rumaila  
 Serial Number : **Z4220701261**  
 Type : Digatel  
 Range : 15 to 400 DC Amp  
 Calibrated Range : 15 to 400 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) |
|---|--------------------------|-------------------|--------------------------|
| <b>DC Amp</b>                                 | <b>DC Amp</b>            | <b>DC Amp</b>     | <b>± DC Amp</b>          |
| 15  | 16.00                    | -1.00             | 5                        |
| 100   | 102.00                   | -2.00             | 5                        |
| 200   | 204.00                   | -4.00             | 5                        |
| 300   | 304.00                   | -4.00             | 5                        |
| 400   | 402.00                   | -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.

