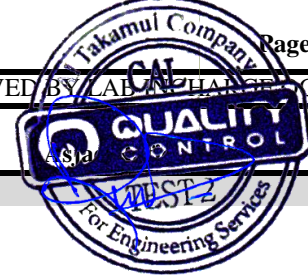


Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 8, 2024



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REQUEST NUMBER	: By Phone	APPROVED BY: LAB MANAGER
JOB NUMBER	: QC/JN/24/00272	
CERTIFICATE NUMBER	: QC240708-01	

CUSTOMER DETAILS

Name : **Halliburton Worldwide IRAQ (IEM)**
 Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**
 Manufacturer : Miller
 Model : IEC 60974-1-10
 SAP Number : **10002484**
 Serial Number : **MA163597D**
 Type : Analogue
 Range : 250 DC Amp
 Calibrated Range : 250 DC Amp
 Calibrated By : Hussein Alaa
 Calibration Date : July 8, 2024
 Calibration Due : **07 July 2025**



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 : 22.0 ± 2°C Humidity : 40.0 ± 5 % RH Atm. Pressure : 1012.0 ± 10 hPa

CALIBRATION METHOD

Accordance with QC/CP/E/02, 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Digital Clamp Meter	8037138	FLUKE / 325	15-Dec-23	14-Dec-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
0	0	0	± DC Amp
50	50.8	-0.8	2.0
100	101.2	-1.2	2.0
150	201.3	-51.3	2.0
200	301.0	-101.0	2.0
250	251.0	-1.0	2.0

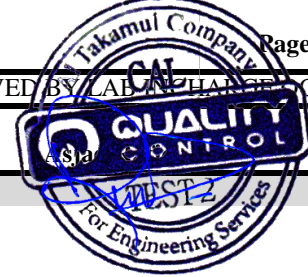
Results : The above values indicates that the instrument is within the permissible error tolerance limit

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Date of Issue: July 8, 2024



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REQUEST NUMBER	: By Phone	APPROVED BY: LAB IN CHARGE
JOB NUMBER	: QC/JN/24/00272	
CERTIFICATE NUMBER	: QC240708-02	

CUSTOMER DETAILS

Name : Halliburton Worldwide IRAQ (IEM)
Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Welding Machine
Manufacturer : LINCOLN
Model : INVERTEC V350 PRO
SAP Number : 12136785
Serial Number : U1121000040
Type : Analogue
Range : 425 DC Amp
Calibrated Range : 425 DC Amp
Calibrated By : Hussein Alaa
Calibration Date : July 8, 2024
Calibration Due : 07 July 2025



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 : 22.0 ± 2°C **Humidity** : 40.0 ± 5 % RH **Atm. Pressure** : 1012.0 ± 10 hPa

CALIBRATION METHOD

Accordance with QC/CP/E/02, 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Digital Clamp Meter	8037138	FLUKE / 325	15-Dec-23	14-Dec-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
0	0	0	± DC Amp
50	51.0	-1.0	2.0
100	101.3	-1.3	2.0
200	201.0	-1.0	2.0
300	302.0	-2.0	2.0
425	427.0	-2.0	2.0

Results : The above values indicates that the instrument is within the permissible error tolerance limit

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Date of Issue: July 8, 2024



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REQUEST NUMBER	: By Phone	APPROVED BY: LAB IN CHARGE
JOB NUMBER	: QC/JN/24/00272	
CERTIFICATE NUMBER	: QC240708-03	

CUSTOMER DETAILS

Name : Halliburton Worldwide IRAQ (IEM)
Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Welding Machine
Manufacturer : LINCOLN
Model : INVERTEC V350 PRO
SAP Number : 12136785
Serial Number : U1121000041
Type : Analogue
Range : 425 DC Amp
Calibrated Range : 425 DC Amp
Calibrated By : Hussein Alaa
Calibration Date : July 8, 2024
Calibration Due : **07 July 2025**



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 : 22.0 ± 2°C **Humidity** : 40.0 ± 5 % RH **Atm. Pressure** : 1012.0 ± 10 hPa

CALIBRATION METHOD

Accordance with QC/CP/E/02, 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Digital Clamp Meter	8037138	FLUKE / 325	15-Dec-23	14-Dec-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
0	0	0	± DC Amp
50	50.5	-0.5	2.0
100	100.4	-0.4	2.0
200	200.8	-0.8	2.0
300	301.0	-1.0	2.0
425	426.0	-1.0	2.0

Results : The above values indicates that the instrument is within the permissible error tolerance limit

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Date of Issue: July 8, 2024



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REQUEST NUMBER	: By Phone	APPROVED BY: LAB IN CHARGE
JOB NUMBER	: QC/JN/24/00272	
CERTIFICATE NUMBER	: QC240708-04	

CUSTOMER DETAILS

Name : **Halliburton Worldwide IRAQ (IEM)**
 Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Welding Machine**
 Manufacturer : Miller
 Model : Bobact 250
 SAP Number : **11913796**
 Serial Number : **MB300007M**
 Type : Analogue
 Range : 250 DC Amp
 Calibrated Range : 250 DC Amp
 Calibrated By : Hussein Alaa
 Calibration Date : July 8, 2024
 Calibration Due : **07 July 2025**



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 : 22.0 ± 2°C Humidity : 40.0 ± 5 % RH Atm. Pressure 1012.0 ± 10 hPa

CALIBRATION METHOD

Accordance with QC/CP/E/02, 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Digital Clamp Meter	8037138	FLUKE / 325	15-Dec-23	14-Dec-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
0	0	0	± DC Amp
50	50.5	-0.5	2.0
100	101.0	-1.0	2.0
150	151.3	-1.3	2.0
200	200.8	-0.8	2.0
250	251.2	-1.2	2.0

Results : The above values indicates that the instrument is within the permissible error tolerance limit



Address : North Rumaila, Al Takamul Yard
Contact : +9647810009138

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Date of Issue: July 8, 2024

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REQUEST NUMBER	: By Phone	APPROVED BY: LABUNPHARJES
JOB NUMBER	: QC/JN/24/00272	
CERTIFICATE NUMBER	: QC240708-05	



CUSTOMER DETAILS

Name : Halliburton Worldwide IRAQ (IEM)
Address : Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Welding Machine
Manufacturer : LINCOLN
Model : SAE-300
SAP Number : 12136784
Serial Number : 1121001499
Type : Analogue
Range : 350 DC Amp
Calibrated Range : 350 DC Amp
Calibrated By : Hussein Alaa
Calibration Date : July 8, 2024
Calibration Due : 07 July 2025



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 : 22.0 ± 2°C **Humidity** : 40.0 ± 5 % RH **Atm. Pressure** : 1012.0 ± 10 hPa

CALIBRATION METHOD

Accordance with QC/CP/E/02, 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Digital Clamp Meter	8037138	FLUKE / 325	15-Dec-23	14-Dec-24

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
0	0	0	± DC Amp
50	51.0	-1.0	2.0
100	100.8	-0.8	2.0
200	150.5	49.5	2.0
300	201.0	99.0	2.0
350	351.0	-1.0	2.0

Results : The above values indicates that the instrument is within the permissible error tolerance limit