



**M.K.T. Engineering**  
ESTABLISHED 1984

ISO 9001-2015 CERTIFIED COMPANY

MB/ ARMR

## CALIBRATION CERTIFICATE

UUC Details			
Name of the Instrument		Welding Machine (Tig & Arc)	
Make		NA	
Model No.		TIG-400 I	
Range		400 Amps	
Serial No.		FES/TIG/003	
Name of the Customer		M/s.Fabrotech Engineers & Equipment Services, Site HSL, Gandhigram, Visakhapatnam-05.	
Calibration Certificate No		MKT/EC/23-4074	
Date of Calibration		02-11-2023	
Next Calibration Date		01-11-2024	
Master Instrument Details			
Name	Digital Clamp Meter	Calibration date	02-08-2023
Make	Sigma	Due on	01-08-2024
Serial No.	094644740	Certificate No	MKT/INT/23-013
Environment Condition During Calibration in Lab			
Temperature	( 23 ± 1.5)°C	Relative Humidity	(50 ± 10)%RH

### Calibration Data:

Sr no.	Electrode	UUC reading in amps		Master Instrument Reading in amps		Remarks
		E6013 (X1)	E7018 (X2)	E6013 (Y1)	E7018 (Y2)	
1	2.50	45 to 90	70 to 110	86	101	Pass
2	3.15	80 to 130	105 to 155	121	135	Pass
3	4.0	105 to 180	130 to 200	148	186	Pass

### Remarks :

1. This Calibration certificate is applicable to the item calibrated only.
2. UUC Refers to Unit Under Calibration.
3. Physical condition of UUC is satisfactory.
4. Due date for next calibration is given as per the request of the customer.
5. All calibrations are traceable to national measurement standards as per the traceability details given in the calibration certificate.

Calibrated by  
Mr. B Chandra Sekhar  
(Engineer)



Verified by  
Mr. MD Munvaruddin  
(Senior Engineer)



# DIGITECH

## Calibration & Service

When accuracy matters

Laboratory : 1-8, Appannapalem Village, Atchutapuram Mandal, Visakhapatnam - 531011.

### CALIBRATION CERTIFICATE

CERTIFICATE No	: DCSONN-336-06-24	CUSTOMER	:	M/s ARMOR SURFACE PROTECTION LLP,Chinnamushidiwada, Visakhapatnam- 530051
CALIBRATION DATE	: 18-Jun-24			
RECOMMENDED DUE DATE	: 17-Jun-25			
WORK ORDER NO	NA			
DATE OF RECEIPT	: 17-Jun-24			
CONDITION OF RECEIPT	: SATISFACTORY			

#### DUC DETAILS

INSTRUMENT	: ARC WELDING MACHINE	RANGE	: 400 Amps
MAKE	: RILON	L.C	: 1 Amps
MODEL/TYPE	: ARC-400	LOCATION	: M/s HSL Gandhigram
S.No	: GW20221020069	WORK INSTRUCTION	: DWI-01
ID/TAG/ASSET No	: NA	CAL AT	: NA

#### ENVIRONMENTAL CONDITIONS

AMBIENT TEMPERATURE	: (25 ± 5 ) °C	Relative Humidity: 45~75%RH
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#### REFERENCE STANDARDS

S.No	INSTRUMENT NAME	MAKE & MODEL	ID NO	CERTIFICATE No	VALIDITY
1	CLAMP METER	MECO&DTT2250HZ	19071029	ACLS/ETL/24/N57-1	17-Jan-25

#### CALIBRATION RESULT

SL.NO	ELECTRODE	UUC READINGS in AMPS		MASTER INSTRUMENT READING (y) IN AMPS		Remarks
		E6013(X1)	E7018(X2)	E6013(Y1)	E7018(Y2)	
1	2.5	45 to 90	70 to 110	72	99	Pass
2	3.15	80 to 130	105 to 155	112	144	Pass
3	4	105 to 180	130 to 200	159	185	Pass

The Reported Expanded Uncertainty is calculated at 95%Confidence Level with a coverage factor of k-2

#### REMARKS

1. The calibration Certificate Relates only to the above device under calibration.
2. Results Reported are valid at the time of under the state conditions of measurements.
3. Corrections/Erasing,invalidate the calibration certificate.
4. The user should determine the suitability of the instrument for its intended use.
5. The Recalibration interval should be determined based on the user's requirements.
6. calibration of the DUC are traceable to National standards/International standards.
7. The report shall not be reproduced except in full,unless the representative of DCS has given written approval.

Calibrated By :

SRINUVASU R  
(Calibration Engineer)



Authorised By:

VIGNESH R  
(Technical Manager)