

FASTARC WELDING SUPPLIES LTD

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VALIDATION CERTIFICATE

Customer info

Customer: Rayden Engineering

Address: Wentworth house, Wentworth St, Ilkeston. DE75TF

Welding equipment info

Manufacturer: LTEC
Model: SVI 450i
Equipment ID: D91A22211

Kemppi ArcValidator L 650

Serial number: 2366461
Type: Electronically controlled resistor load

Validation info

Validation date: 22/01/2020
Expiration date: 21/01/2021
Grade of validation: Standard
Validation type: Accuracy
Certificate ID: 3-22012020-D91A22211
Other instruments: Fluke 51 K/J Thermometer

VALIDATION RESULTS

CURRENT (A)

Set	Measured						Display					
	MIN	#1	mean	#2	MAX	Result	MIN	#1	mean	#2	MAX	Result
20	9	19.0	18.5	18.0	31	✓	8	20	20	19	30	✓
128	115	128.0	127.5	126.5	141	✓	117	130	130	129	139	✓
235	211	233.5	234.5	236.0	259	✓	224	237	240	242	246	✓
343	309	345.0	343.5	341.5	377	✓	333	351	351	350	355	✓
450	405	450.5	449.5	448.5	495	✓	439	460	460	459	461	✓

VOLTAGE (V)

Set current (A)	Measured				Display						
	#1	mean	#2		MIN	#1	mean	#2	MAX	Result	
20	20.85	20.85	20.85		19.0	20.9	20.9	20.8	22.8	✓	
128	25.40	25.40	25.40		23.5	25.2	25.3	25.3	27.3	✓	
235	29.90	29.90	29.90		28.0	29.9	29.9	29.9	31.8	✓	
343	34.45	34.45	34.45		32.6	34.4	34.4	34.4	36.4	✓	
450	38.95	38.95	38.95		37.1	39.0	39.0	39.0	40.9	✓	

VALIDATION PARAMETERS

Idle voltage (V)	Supply voltage (V)	Temperature (°C)
75.35	415	2.0

WELDING PROCESS TYPE

MIG/MAG	TIG	MMA
		<input checked="" type="checkbox"/>

NOTES

✓ PASSED

23/01/2020 DAVE LEIGHTON