



Eltham Welding Supplies

ROSE BRUFORD COLLEGE

MACHINE CERTIFICATION

DATE OF TEST 10TH SEPTEMBER 2019

RE-TEST DATE ON OR BEFORE 9TH SEPTEMBER 2020

SAFETY CERTIFICATION - BS EN 60974-4:2016

Make	Model	Serial No	Status	Certificate No
LTEC	MIG 160	90L2048	Passed	202562
MUREX	TRADESMIG 160	88C1915	Passed	202563
MUREX	TRADESMIG 160	88F2072	Passed	202564
MUREX	TRADESMIG 165	95M3504	Passed	202565
SUREWELD	PLASMA 31	535302/07-1	Passed	202566

Certificate Of Safety

Periodic inspection and testing according to BS EN 60974-4:2016

Issuing body : ELTHAM WELDING SUPPLIES LTD

Date of test : 10 Sep 2019

Date of next test : 9 Sep 2020

Certificate Number

202562

Issued By : ELTHAM WELDING SUPPLIES LTD
UNIT 1 SCHOONER PARK
CROSSWAYS BUSINESS PARK
DARTFORD
KENT. DA2 6NW

Customer : ROSE BRUFORD COLLEGE
LAMORBHEY PARK
SIDCUP
KENT
DA15 9DF

The item listed below has been inspected and tested with the following results recorded at the time of test.

Make	LTEC	Model	MIG 160
Type	MIG WELDER	Serial No	90L2048

Visual Inspection

General condition Pass	Controls & indicators Pass
excessive dust or pollution	defective switches, meters & lamps
cooling liquid circuit leaking or incorrect cooling liquid level	defective pressure regulator or flowmeter
defective gas hoses and connections	incorrect fuses accessible from outside the enclosure
poor legibility of markings and labelling	Enclosure Pass
other damage or signs of improper use	missing or damaged parts
Mains supply Pass	unauthorised modifications
defective, damaged cable	cooling openings blocked or missing air filters
deformed, faulty plug	signs of overload and improper use
broken or thermally damaged plug pins	missing or defective protective devices, for example, gas cylinder holder
ineffective cable anchorage	missing or defective wheels, lifting means, holder, etc
cables & plugs unsuitable for the intended use & performance	defective wire reel mounting means
Welding circuit Pass	conductive objects placed in the enclosure
defective, damaged cable	Torch/electrode holder, welding current return clamp Pass
deformed, faulty or thermally damaged coupler/sockets	missing or defective insulation
ineffective cable anchorage	defective connections
cables & plugs unsuitable for the intended use & performance	defective, damaged switches
	other damage

Mains voltage	vac r.m.s.	244	Primary leakage current	Limit	Measured value
Test Point	Limit	Measured value	Plug connected equipment rated up to 32A	<5ma	N/A
Protective conductor resistance	< 3.0Ω	1.45	Plug connected equipment rated more than 32A	<10ma	N/A
Input circuit / Protective circuit	>2.5MΩ	299	Permanent connection without special measures	<10ma	N/A
Welding circuit / Protective circuit	>2.5MΩ	299	Equipment with reinforced protective conductor	<5%	N/A
Input circuit / Welding circuit	>5.0MΩ	299	Welding circuit touch current mA	<10ma	N/A
No load voltage with S marked Vac	<68 Vpeak	0	No load voltage without S marked Vac	<113 Vpeak	N/A
No load voltage with S marked Vdc	<113 Vpeak	30.24	No load voltage without S marked Vdc	<113 Vpeak	N/A
Function test		Pass	Voltage reducing device / VRD		N/A
Supply circuit on/off switching device		Pass	Magnetic gas valve		Pass
Signal & control lamps		Pass			

reference instruments calibration information

Make	Model	Serial no	Certificate No	Calibration date	Due date
Megger	MIT410/2	1004735101839155	M23987465	23/01/2019	22/01/2020

Signed :



Results of Test : Passed

The above tests have been carried out in accordance with BS EN 60974-4:2016



Certificate Of Safety

Periodic inspection and testing according to BS EN 60974-4:2016

Issuing body : ELTHAM WELDING SUPPLIES LTD

Date of test : 10 Sep 2019

Date of next test : 9 Sep 2020

Certificate Number

202563

Issued By : ELTHAM WELDING SUPPLIES LTD
UNIT 1 SCHOONER PARK
CROSSWAYS BUSINESS PARK
DARTFORD
KENT. DA2 6NW

Customer : ROSE BRUFORD COLLEGE
LAMORBHEY PARK
SIDCUP
KENT
DA15 9DF

The item listed below has been inspected and tested with the following results recorded at the time of test.

Make	MUREX	Model	TRADESMIG 160
Type	MIG WELDER	Serial No	88C1915

Visual Inspection

General condition Pass	Controls & indicators Pass
excessive dust or pollution	defective switches, meters & lamps
cooling liquid circuit leaking or incorrect cooling liquid level	defective pressure regulator or flowmeter
defective gas hoses and connections	incorrect fuses accessible from outside the enclosure
poor legibility of markings and labelling	Enclosure Pass
other damage or signs of improper use	missing or damaged parts
Mains supply Pass	unauthorised modifications
defective, damaged cable	cooling openings blocked or missing air filters
deformed, faulty plug	signs of overload and improper use
broken or thermally damaged plug pins	missing or defective protective devices, for example, gas cylinder holder
ineffective cable anchorage	missing or defective wheels, lifting means, holder, etc
cables & plugs unsuitable for the intended use & performance	defective wire reel mounting means
Welding circuit Pass	conductive objects placed in the enclosure
defective, damaged cable	Torch/electrode holder, welding current return clamp Pass
deformed, faulty or thermally damaged coupler/sockets	missing or defective insulation
ineffective cable anchorage	defective connections
cables & plugs unsuitable for the intended use & performance	defective, damaged switches
	other damage

Mains voltage	vac r.m.s.	244	Primary leakage current	Limit	Measured value
Test Point	Limit	Measured value	Plug connected equipment rated up to 32A	<5ma	N/A
Protective conductor resistance	< 3.0Ω	0.23	Plug connected equipment rated more than 32A	<10ma	N/A
Input circuit / Protective circuit	>2.5MΩ	299	Permanent connection without special measures	<10ma	N/A
Welding circuit / Protective circuit	>2.5MΩ	44.8	Equipment with reinforced protective conductor	<5%	N/A
Input circuit / Welding circuit	>5.0MΩ	299	Welding circuit touch current mA	<10ma	N/A
No load voltage with S marked Vac	<68 Vpeak	0	No load voltage without S marked Vac	<113 Vpeak	N/A
No load voltage with S marked Vdc	<113 Vpeak	30.63	No load voltage without S marked Vdc	<113 Vpeak	N/A
Function test		Pass	Voltage reducing device / VRD		N/A
Supply circuit on/off switching device		Pass	Magnetic gas valve		Pass
Signal & control lamps		Pass			

reference instruments calibration information

Make	Model	Serial no	Certificate No	Calibration date	Due date
Megger	MIT410/2	1004735101839155	M23987465	23/01/2019	22/01/2020

Signed :



Results of Test : Passed

The above tests have been carried out in accordance with BS EN 60974-4:2016



Certificate Of Safety

Periodic inspection and testing according to BS EN 60974-4:2016

Issuing body : ELTHAM WELDING SUPPLIES LTD

Date of test : 10 Sep 2019

Date of next test : 9 Sep 2020

Certificate Number

202564

Issued By : ELTHAM WELDING SUPPLIES LTD
UNIT 1 SCHOONER PARK
CROSSWAYS BUSINESS PARK
DARTFORD
KENT. DA2 6NW

Customer : ROSE BRUFORD COLLEGE
LAMORBHEY PARK
SIDCUP
KENT
DA15 9DF

The item listed below has been inspected and tested with the following results recorded at the time of test.

Make	MUREX	Model	TRADESMIG 160
Type	MIG WELDER	Serial No	88F2072

Visual Inspection

General condition Pass	Controls & indicators Pass
excessive dust or pollution	defective switches, meters & lamps
cooling liquid circuit leaking or incorrect cooling liquid level	defective pressure regulator or flowmeter
defective gas hoses and connections	incorrect fuses accessible from outside the enclosure
poor legibility of markings and labelling	Enclosure Pass
other damage or signs of improper use	missing or damaged parts
Mains supply Pass	unauthorised modifications
defective, damaged cable	cooling openings blocked or missing air filters
deformed, faulty plug	signs of overload and improper use
broken or thermally damaged plug pins	missing or defective protective devices, for example, gas cylinder holder
ineffective cable anchorage	missing or defective wheels, lifting means, holder, etc
cables & plugs unsuitable for the intended use & performance	defective wire reel mounting means
Welding circuit Pass	conductive objects placed in the enclosure
defective, damaged cable	Torch/electrode holder, welding current return clamp Pass
deformed, faulty or thermally damaged coupler/sockets	missing or defective insulation
ineffective cable anchorage	defective connections
cables & plugs unsuitable for the intended use & performance	defective, damaged switches
	other damage

Mains voltage	vac r.m.s.	244	Primary leakage current	Limit	Measured value
Test Point	Limit	Measured value	Plug connected equipment rated up to 32A	<5ma	N/A
Protective conductor resistance	< 3.0Ω	0.25	Plug connected equipment rated more than 32A	<10ma	N/A
Input circuit / Protective circuit	>2.5MΩ	299	Permanent connection without special measures	<10ma	N/A
Welding circuit / Protective circuit	>2.5MΩ	299	Equipment with reinforced protective conductor	<5%	N/A
Input circuit / Welding circuit	>5.0MΩ	299	Welding circuit touch current mA	<10ma	N/A
No load voltage with S marked Vac	<68 Vpeak	0	No load voltage without S marked Vac	<113 Vpeak	N/A
No load voltage with S marked Vdc	<113 Vpeak	30.66	No load voltage without S marked Vdc	<113 Vpeak	N/A
Function test		Pass	Voltage reducing device / VRD		N/A
Supply circuit on/off switching device		Pass	Magnetic gas valve		Pass
Signal & control lamps		Pass			

reference instruments calibration information

Make	Model	Serial no	Certificate No	Calibration date	Due date
Megger	MIT410/2	1004735101839155	M23987465	23/01/2019	22/01/2020

Signed :



Results of Test : Passed

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Certificate Of Safety

Periodic inspection and testing according to BS EN 60974-4:2016

Issuing body : ELTHAM WELDING SUPPLIES LTD

Date of test : 10 Sep 2019

Date of next test : 9 Sep 2020

Certificate Number

202565

Issued By : ELTHAM WELDING SUPPLIES LTD
UNIT 1 SCHOONER PARK
CROSSWAYS BUSINESS PARK
DARTFORD
KENT. DA2 6NW

Customer : ROSE BRUFORD COLLEGE
LAMORBHEY PARK
SIDCUP
KENT
DA15 9DF

The item listed below has been inspected and tested with the following results recorded at the time of test.

Make	MUREX	Model	TRADESMIG 165
Type	MIG WELDER	Serial No	95M3504

Visual Inspection

General condition Pass	Controls & indicators Pass
excessive dust or pollution	defective switches, meters & lamps
cooling liquid circuit leaking or incorrect cooling liquid level	defective pressure regulator or flowmeter
defective gas hoses and connections	incorrect fuses accessible from outside the enclosure
poor legibility of markings and labelling	Enclosure Pass
other damage or signs of improper use	missing or damaged parts
Mains supply Pass	unauthorised modifications
defective, damaged cable	cooling openings blocked or missing air filters
deformed, faulty plug	signs of overload and improper use
broken or thermally damaged plug pins	missing or defective protective devices, for example, gas cylinder holder
ineffective cable anchorage	missing or defective wheels, lifting means, holder, etc
cables & plugs unsuitable for the intended use & performance	defective wire reel mounting means
Welding circuit Pass	conductive objects placed in the enclosure
defective, damaged cable	Torch/electrode holder, welding current return clamp Pass
deformed, faulty or thermally damaged coupler/sockets	missing or defective insulation
ineffective cable anchorage	defective connections
cables & plugs unsuitable for the intended use & performance	defective, damaged switches
	other damage

Mains voltage	vac r.m.s.	244	Primary leakage current	Limit	Measured value
Test Point	Limit	Measured value	Plug connected equipment rated up to 32A	<5ma	N/A
Protective conductor resistance	< 3.0Ω	0.24	Plug connected equipment rated more than 32A	<10ma	N/A
Input circuit / Protective circuit	>2.5MΩ	299	Permanent connection without special measures	<10ma	N/A
Welding circuit / Protective circuit	>2.5MΩ	299	Equipment with reinforced protective conductor	<5%	N/A
Input circuit / Welding circuit	>5.0MΩ	299	Welding circuit touch current mA	<10ma	N/A
No load voltage with S marked Vac	<68 Vpeak	0	No load voltage without S marked Vac	<113 Vpeak	N/A
No load voltage with S marked Vdc	<113 Vpeak	29.72	No load voltage without S marked Vdc	<113 Vpeak	N/A
Function test		Pass	Voltage reducing device / VRD		N/A
Supply circuit on/off switching device		Pass	Magnetic gas valve		Pass
Signal & control lamps		Pass			

reference instruments calibration information

Make	Model	Serial no	Certificate No	Calibration date	Due date
Megger	MIT410/2	1004735101839155	M23987465	23/01/2019	22/01/2020

Signed :



Results of Test : Passed

The above tests have been carried out in accordance with BS EN 60974-4:2016



Certificate Of Safety

Periodic inspection and testing according to BS EN 60974-4:2016

Issuing body : ELTHAM WELDING SUPPLIES LTD

Date of test : 10 Sep 2019

Date of next test : 9 Sep 2020

Certificate Number

202566

Issued By : ELTHAM WELDING SUPPLIES LTD
UNIT 1 SCHOONER PARK
CROSSWAYS BUSINESS PARK
DARTFORD
KENT. DA2 6NW

Customer : ROSE BRUFORD COLLEGE
LAMORBAY PARK
SIDCUP
KENT
DA15 9DF

The item listed below has been inspected and tested with the following results recorded at the time of test.

Make SUREWELD **Model** PLASMA 31
Type PLASMA CUTTER **Serial No** 535302/07-1

Visual Inspection

General condition	Pass	Controls & indicators	Pass
excessive dust or pollution		defective switches, meters & lamps	
cooling liquid circuit leaking or incorrect cooling liquid level		defective pressure regulator or flowmeter	
defective gas hoses and connections		incorrect fuses accessible from outside the enclosure	
poor legibility of markings and labelling		Enclosure	Pass
other damage or signs of improper use		missing or damaged parts	
Mains supply	Pass	unauthorised modifications	
defective, damaged cable		cooling openings blocked or missing air filters	
deformed, faulty plug		signs of overload and improper use	
broken or thermally damaged plug pins		missing or defective protective devices, for example, gas cylinder holder	
ineffective cable anchorage		missing or defective wheels, lifting means, holder, etc	Pass
cables & plugs unsuitable for the intended use & performance		defective wire reel mounting means	
Welding circuit	Pass	conductive objects placed in the enclosure	
defective, damaged cable		Torch/electrode holder, welding current return clamp	Pass
deformed, faulty or thermally damaged coupler/sockets		missing or defective insulation	
ineffective cable anchorage		defective connections	
cables & plugs unsuitable for the intended use & performance		defective, damaged switches	
		other damage	

Mains voltage	vac r.m.s.	244	Primary leakage current	Limit	Measured value
Test Point	Limit	Measured value	Plug connected equipment rated up to 32A	<5ma	N/A
Protective conductor resistance	< 3.0Ω	0.74	Plug connected equipment rated more than 32A	<10ma	N/A
Input circuit / Protective circuit	>2.5MΩ	299	Permanent connection without special measures	<10ma	N/A
Welding circuit / Protective circuit	>2.5MΩ	299	Equipment with reinforced protective conductor	<5%	N/A
Input circuit / Welding circuit	>5.0MΩ	299	Welding circuit touch current mA	<10ma	N/A
No load voltage with S marked Vac	<68 Vpeak	0	No load voltage without S marked Vac	<113 Vpeak	N/A
No load voltage with S marked Vdc	<113 Vpeak	N/A	No load voltage without S marked Vdc	<113 Vpeak	N/A
Function test		Pass	Voltage reducing device / VRD		N/A
Supply circuit on/off switching device		Pass	Magnetic gas valve		Pass
Signal & control lamps		Pass			

reference instruments calibration information

Make	Model	Serial no	Certificate No	Calibration date	Due date
Megger	MIT410/2	1004735101839155	M23987465	23/01/2019	22/01/2020

Signed :



Results of Test : Passed

The above tests have been carried out in accordance with BS EN 60974-4:2016

