

Safe Work Procedure

NOTE: DO NOT use this machine unless you have been trained in its safe use and operation.

Using an Electric ARC Welder (Flux Core)



Potential Hazards: Fire and electrical hazard with the potential to cause harm through exposure to impact and cutting, heat, projectiles, sparks, sharp objects, electric shock, fumes, radiation and flame.

Personal Protective Equipment (PPE) Required (Check the box for required PPE):

 Gloves	 Face Masks	 Eye Protection	 Welding Mask	 Appropriate Footwear	 Hearing Protection	 Protective Clothing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Safe Work Procedure Checklist:

1. Pre-Operation/Task:

- Ensure task (e.g. Drawings, instructions, specifications etc.) is clearly understood
- Ensure the work area is clean and clear of grease, oil and any other flammable materials
- Keep the welding equipment, work area and gloves dry to avoid electric shocks
- Stand on rubber insulating matting during operation (where supplied)
- Ensure the gloves, welding gun and work leads are in good condition (i.e. no exposed wiring)
- Check that other work areas are protected from flash (e.g. welding curtains)
- Ensure appropriate ventilation is in place prior to use as welding of aluminium, zinc etc will release harmful fumes
- Ensure appropriate PPE is worn.
- Identify ON/OFF switch and emergency stop button (if applicable).

2. Operation/Task:

- Keep hands clear of work piece and away from electrode and ensure operator does not wrap electrode leads around themselves
- Ensure power is turned off (from wall socket) before inserting or removing electrodes from electrode holder/handle
- Ensure current is correctly set according to electrode selection
- Never leave the welder running unattended

3. Post-Operation/Task:

- Ensure sufficient time for materials to cool before handling
- Switch off machine and fume extraction (if relevant)
- Hang up electrode holder and welding cables
- Practice good housekeeping and ensure the area is clean and tidy

Competent Person(s): The following persons are authorised to operate, supervise and test members on the equipment/process.

Name:	Title:	Contact Details: