

DO NOT use this machine unless an instructor has instructed you in its safe use/operation and has given permission.



Approved welding goggles must be worn at all times in work areas.



Protective welding helmet with the correct grade of UV lens must be worn.



Appropriate footwear with substantial uppers must be worn.



Protective leather apron & spats must be worn when using this equipment.



Rings and jewellery must not be worn.



Protective leather welding gloves must be worn when using this equipment.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure this MIG welder has a suitable safe work area.
2. Keep the area clean & free of grease, oils & flammables.
3. Ensure others are protected from any UV flash.
4. Ensure the area is well ventilated (with fume extraction).
5. Ensure cutter is in good condition and securely mounted.
6. Check coolant delivery system to allow for sufficient flow of coolant.
7. Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

Never operate faulty equipment.

1. Ensure the machine is correctly set up for current, voltage, wire feed and shielding gas flow rate.
2. Ensure that other workers in this locality are protected from any UV & IR radiation flash. Always close the UV curtain to the welding bay or erect a UV screen.
3. Ensure the welding return cable (earth) makes firm contact to provide a good electrical contact.
4. Ensure your workpiece has been prepared to be free of any paint, oxides or other surface finishes ensuring a good electrical contact.
5. Take particular care to avoid accidental UV welding flash to the skin or eyes.
6. Never leave the MIG welder running unattended.
7. Regularly inspect the welding tip and shield for damage.
8. When welding is finished or interrupted, turn off the shielding gas at the regulator, turn off the machine and secure the handpiece safely.

Work area must be dry to avoid electrical shock.

HOUSEKEEPING

1. Close the shielding gas bottle valve and regulator.
2. Ensure the welder and fume extraction are switched off.
3. Hang up the welding gun and hoses securely.
4. Leave the work area and welding bench in a safe, clean, and tidy condition.

POTENTIAL HAZARDS

- Cuts & lacerations
- Burns due to hot, molten materials
- Electricity & electric shock
- UV radiation to skin & eyes
- Toxic fumes
- Fire & explosion

Date of last review _____

Signature _____