

SAFE OPERATING PROCEDURE

Do not use this equipment unless you have been properly trained and instructed in its safe use and have been given prior permission.



A MASK MUST BE WORN WHEN EXCESSIVE AIRBORNE DUST IS CREATED



HEARING PROTECTION MAY BE REQUIRED FOR SOME OPERATIONS



SAFETY GLASSES MUST BE WORN AT ALL TIMES IN ADDITION TO A WELDING MASK



LOOSE OR LONG HAIR MUST BE CONTAINED. REMOVE EXPOSED RINGS OR JEWELLERY



STURDY FOOTWEAR WITH RUBBER SOLES MUST BE WORN



PROTECTIVE CLOTHING MUST BE WORN



A WELDING MASK WITH CORRECT GRADE LENS MUST BE WORN AT ALL TIMES WHILE



RESPIRATORY PROTECTION DEVICES MAY BE REQUIRED FOR SOME OPERATIONS

PRE-OPERATIONAL SAFETY CHECKS:

1. The task (e.g. Drawings, Instructions, Specifications etc.) is clearly understood.
2. Ensure the workspace is clear of grease, oil and an flammable materials.
3. Ensure the workspace is clean and there are no slip/ trip hazards present.
4. Always keep welding equipment, gloves and the work area dry to avoid electrical shocks.
5. Ensure that no other staff members are in the immediate area. Erect screens or curtains to protect others from flashes.
6. Never use faulty equipment, always report any suspected faulty equipment to the supervisor.
7. Ensure the fume extraction unit is on before beginning welding operations.
8. Ensure you are wearing the correct protective clothing, never use your bare hands to operate this equipment.

OPERATIONAL SAFETY CHECKS:

1. Ensure that the machine is set to the correct voltage, current, wire feed and gas flow.
2. Ensure the work return cables make firm contact to provide a good electrical connection.
3. Work cautiously to avoid flashes.
4. Never leave the welder running unattended.

SAFE OPERATING PROCEDURE

HOUSE KEEPING

1. Switch off the machine and fume extraction unit once work is completed.
2. Close the gas cylinder valve.
3. Hang up welding gun and cables.
4. Leave the workspace in a safe, clean and tidy state.

POTENTIAL HAZARDS

- Electric shock
- Fumes.
- Radiation burns to eyes or body.
- Body burns due to hot or molten materials.
- Flying sparks.
- Fire.