

DO NOT use this equipment unless you are confident in its safe use and operation



A welding mask with correct grade lens must be worn.



Long and loose hair must be contained or restrained.



Appropriate protective footwear must be worn.



Close fitting protective clothing to cover arms and legs must be worn.



Rings and jewellery must not be worn.



Oil free leather gloves and spats must be worn when welding.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure no slip/trip hazards are present in the immediate workspaces and walkways.
2. Ensure the work area is clean and clear of grease, oil, and any flammable materials.
3. Keep the welding equipment and work area dry to avoid electric shocks.
4. Ensure the gloves are dry and free from holes to avoid electric shocks and burns
5. Ensure electrode holder and work leads are in good condition.
6. Ensure area is adequately ventilated before beginning welding operation.
7. If Hard facing, a ventilated respirator welding mask is to be used
8. Ensure others are protected – advise others, clear area or erect UV safety screens.

DO NOT use faulty equipment - Report this immediately to your supervisor

OPERATIONAL SAFETY CHECKS

1. Keep welding leads as short as possible and coil them to minimise inductance.
2. Ensure the electrode holder has no electrode in it before turning on the welder.
3. Ensure current is correctly set according to electrode selection.
4. Do not use bare hands and never wrap electrode leads around yourself.
5. When welding is finished or interrupted, remove electrode stub from holder and switch off power source.

HOUSEKEEPING

1. Switch off the machine and fume extraction.
2. Store electrode holder and welding cables and leave the work area 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

Date of review: _____

Signature: _____