### 

**Do not use this equipment unless you are authorised, and you have been trained in its safe use and operation. Refer to the Operator’s Manual for specific information.**



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | Dust mask sign | Welding Mask circle |  |

Other PPE (list):

### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Ensure the machine is within service.**
2. **Check workspace, walkways and work leads to ensure that no slip/trip hazards are present.**
3. **Check work area is clean and free of grease, oil and flammable material.**
4. **Ensure the equipment and work area is dry to avoid electric shocks.**
5. **Inspect gloves to ensure they are free from holes and are dry to avoid electric shocks.**
6. **Check the electrode holder and work leads are in good condition.**
7. **Ensure the fume extractor unit is on before welding commences.**
8. **Close the UV curtain or erect safety screens to ensure the protection of others.**

**DO NOT USE FAULTY OR DAMAGED EQUIPMENT**

**Tag equipment out of service and report defects immediately to your supervisor**

#### OPERATIONAL SAFETY REQUIREMENTS

1. **Keep the 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. **Close gas cylinder valve.**
3. **Hang up electrode holder and welding cables and leave the work area in a safe, clean and tidy state.**
4. **Leave the work area in a safe, clean and tidy state.**

## POTENTIAL HAZARDS

* + Electricity ◼ Radiation ◼ Sparks ◼ Fire ◼ Strong magnetic field
  + Fumes ◼ Molten material◼ Sharp edges

**Date of last review: Reviewed by:**