

## SAFETY FIRST

If you are collecting the equipment for someone else please make sure this sheet is given to the equipment user to read. This sheet should be given to the site supervisor if the equipment is being hired for commercial use so that the information is available to all users. Before starting any job, be sure to spend a few minutes planning and understanding the hazards and risks of the activity and determining how you will control them to prevent injury or damage.

**Note: When hiring any type of welder you must comply with all fire and worksite regulations and laws in your area including hot work permits, fire bans and local fire restrictions.**

## Required Safety Equipment



## Pre-Start Checks and Safety

- Check welder / machine for possible damage / faults.
- Check all leads and hand piece for damage or faults.
- Check all Personal Protective Equipment for damage or faults.
- Have fire protection available during welding process.

## Safety Guidelines

Arc welding equipment uses high amperage, so electric shock may occur. In some processes inert gas is also used and caution must be observed when changing tanks.

- Be aware of others at all times
- Use appropriately shaded screens (shade 8 minimum)
- Notify others that you intend to or are about to weld.
- When welding the area should be free from water and your footwear dry.
- Ensure all connections are fastened correctly.
- Ensure area is well ventilated.
- Check for flammable substances before beginning to weld. Always earth / ground your work. Be aware of appropriate surface for work to be placed on.

## When Operating

- Never look at the arc without using a shaded lenses ranging in No 4 – No 6.
- Always use a suitable fit for purpose welding helmet in good condition, with appropriately shaded lenses that are not chipped or broken.
- Wear suitable clothing to protect all parts of the body.
- Always have fire fighting equipment available appropriate for the area you intend to weld in.
- Clear the welding area of combustible or inflammable materials.
- Alert others in near vicinity to the presence of arc flash.
- Never strike arc or weld until you are sure that others in the vicinity are wearing protective eye equipment or looking away from the arc strike.
- Do not pick up hot metal without appropriate hand protection of tongs / pliers. Never chip or wire bush welds without wearing appropriate eye protection.
- Keep work areas clear and free from tripping hazards.
- Keep a well stocked first aid kit and know first aid treatments for possible burns or welding associated injuries.