

**DO NOT use this equipment unless you are authorised to use it and, have been instructed in its safe use and operation**



Safety glasses must be worn at all times in work areas



Sturdy non slip footwear must be worn at all times



Long and loose hair must be contained



Close fitting / protective clothing must be worn



Hearing protection must be used when operating this machine



Rings & jewellery of a loose nature must not be worn

## POTENTIAL HAZARDS:

- Includes Hot Metal, Sharp edges or burrs, Noise, Sparks, Entanglement, Wheels 'run on' after switching off, Inhalation of fumes & dust, Electrocution and Eye injuries.

## PRE-OPERATIONAL SAFETY CHECKS

- Check floor/ground to ensure no slip/trip or fire/explosion hazards (e.g. flammable substances) are present.
- Examine the power cord, extension lead, plugs, sockets and power outlet to ensure they are in good condition
- Ensure grinding disc, guard and attachments (including handle) are secure & correctly fitted
- Always inspect the work piece to ensure that there aren't any items which might damage the grinding wheel or cause injury to the operator or others close by
- Secure and support the work piece using clamps or a bench vice
- Never use an angle grinder outside on a total fire ban or high fire danger day
- Ensure the local surrounding hazards are assessed, mitigated (e.g. Safety Screens erected) and eliminated if necessary.
- Ensure excessive pressure is not used – always hold firmly (if subjected to pressures for which they were not designed, wheels can shatter at high speed, with the risk of serious injury to both operator and others nearby).
- Faulty equipment must not be used. Immediately report any suspect machinery.

## OPERATIONAL SAFETY

- Ensure all others are clear of the immediate work area
- Keep fingers, hands and power cords clear of the grinding disc
- Never make adjustments while the angle grinder is running
- Do not switch off the angle grinder when it is under load, except in an emergency
- The angle grinder must reach operating speed before it's applied to the work piece - increase load gradually
- Do not lift or drag the angle grinder by the cord
- Keep any and all flexible electrical cords clear of oil, grease, machines and sources of heat
- Be aware of flying sparks. Hold grinder so that sparks fly away from you, other people and flammable materials
- Do not leave the angle grinder running & only use the grinder when "hand held"
- Do not touch the work piece immediately after grinding operation as it may be extremely hot

## POST-Operation:

- Avoid trip hazards & prevent damage to electrical cords
- Do not walk on, wheel objects over or drop materials onto flexible electrical cords
- Clean all work bench's, areas and place all waste material in the bin
- Return the angle grinder and rolled up extension cord to storage

## IMPORTANT – NEVER

- ✗ Wear loose clothing while operating machine
- ✗ Hold work pieces gloves, clothes, aprons or pliers.
- ✗ Grind non-ferrous metals such as copper, brass, lead, zinc, stainless steel and electrical cable
- ✗ Start or operate an angle grinder unless you are authorised

