

Angle Grinders

PPE – EN166 B goggles or face shield, fire resistant overalls, gloves, foot protection, ear defenders, possible respiratory protection.

Safe Use

- **Isolate the machine**
- **Inspect the machine, the work area and yourself**
- **Ensure that wheel is mounted by a trained and authorised person**
- **Wear suitable eye protection, ear defenders, gloves, and respiratory protection**
- **Start up check at arms length**
- **Start machine clear of the material**
- **Stable stance**
- **Two handed hold**
- **Do not over-extend**
- **Do not stop machine until it is clear of the material**
- **Check where sparks may go**
- **Let the machine do the work**
- **DO NOT STAND BEHIND THE WHEEL**

Hazard	Possible Result	Precaution
Kick back	Severe injuries	Secure material Check rotation Correct part of blade Two handed use
Wheel burst	Various injuries	Mounted by trained person Correct wheel for task Correct use
Flying particles	Eye injuries	Goggles or face shield to EN166 B impact standard
Noise	Hearing loss or tinnitus	Hearing protection – Ear plugs or ear defenders as advised
Dust	Possible respiratory problems	Natural ventilation if possible, use an extractor or respiratory protective equipment as identified by the COSHH assessment.
Vibration	Hand arm vibration syndrome	Wear gloves Keep warm Limit use, rotate staff
Electric shock	Possible death or burns	Check the machine, extension lead, transformer, etc. Ensure current PAT
Fire	Burns, possible death	Check work area for flammables, extinguishers, watch where the sparks are going.