

# Safe System of Work

## Vertical Mill

### Hazards

- Malfunction of machine
- Potentially fatal entanglement with tool
- High speed ejection of material
- Skin contact with hot swarf
- Dust / swarf ejection into eyes
- Potential entanglement with rotating parts

### Pre use checks

- You must have permission from the workshop supervisor to use this machine.
- Ensure you are fully focused when using the vertical, if you are tired or unwell, do not use this machine.
- Ensure machine is in good condition, the drill bit is in condition, make sure controls work, including the emergency stop and flow of cutting fluid. If there are any issues with the machine, do not use the machine and report to the workshop supervisor.
- Make sure the area is well lit, the work area is clear of debris and the area is absent of slip/trip hazards
- Ensure you are **not** wearing gloves and that you **are** wearing eye protection or a visor.
- **Ensure you have no loose tools, clothing, jewelry and that hair/beards are tied back where necessary.**
- Ensure guard is working and in place.

### In use

- Only use the machine as directed by the [operational manual](#), this can be also be found on the QR code.
- Ensure material is securely clamped before commencing work.
- Do not force the drill with extra pressure
- When this machine is in use, a suitable distance is to be maintained by those using the machine.
- Magnetic guard is to be in place when the machine is activated.

### PPE Required

