

# Safe System of Work

## Lathe

### Hazards

- Malfunction of machine
- Potentially fatal entanglement with rotating parts
- High speed ejection of material
- Dust / swarf ejection into eyes

### Pre use checks

- You must have permission from the workshop supervisor to use this machine.
- Ensure you are fully focused when using the lathe, if you are tired or unwell, do not use this machine.
- Ensure machine is in good 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.
- **Ensure you have no loose tools, clothing, jewelry and that hair/beards are tied back where necessary.**
- 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.

### In use

- Only use the machine as directed by the [operational manual](#), this can be also be found on the QR code.
- Ensure feeds and speeds are correctly adjusted for the material.
- Ensure material is securely clamped before commencing work.
- Minimize the amount of work overhanging from the clamp.
- Material must not protrude from the headstock clamp.
- Ensure the chuck has been removed before you activate the machine.
- When this machine is in use, a suitable distance is to be maintained by those using the machine.
- Guard is to be in place when the machine is activated.
- If you are unsure about anything to do with the machine or the operation, stop and ask a supervisor.

### Maintenance

- The lathe is maintained on a weekly basis on a Friday afternoon, the QR checklist is on the machine.

### PPE Required

