# METAL LATHE

## PERSONAL PROTECTIVE EQUIPMENT

| Safety glasses must be worn at all times. | Safety footwear must be worn. | Rings and jewellery must not be worn. |
| Long or loose hair must be contained. | Close fitting / protective clothing must be worn. | Gloves must not be worn. |

## POTENTIAL RISKS

1. Flying objects (e.g. chuck keys left in chuck, work becoming dislodged).
2. Hair/clothing getting caught in moving machine parts.
3. Cutting tool injury when cleaning, filing or polishing.
4. Metal splinters and swarf.
5. Eye injuries.

## DON'Ts

- Do not use faulty equipment. Immediately report suspect machinery to your supervisor.
- Do not try to lift chucks or face plates that are too heavy for you.
- Never leave the machine running unattended.
- Do not attempt to slow or stop the chuck or revolving work by hand.
- Do not leave equipment on top of the machine.

## PRE-OPERATIONAL SAFETY CHECKS

- Locate and ensure you are familiar with all machine operations and controls.
- Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- Check the job is clamped tight in the chuck.
- Remove the chuck key from the chuck.
- Remove all tools from the bed and slides of the machine before it is started.
- Ensure the correct speed for machining process is selected.
- Ensure work is correctly supported.
- Ensure coolant system is working.

## OPERATIONAL SAFETY CHECKS

- Before making adjustments or measurements, switch off and bring the machine to a complete standstill.
- Avoid letting swarf build up on the tool or job. Stop the machine and remove it.
- Ensure coolant is used to prevent overheating.

## ENDING OPERATIONS AND CLEANING UP

- Switch off the machine when work completed.
- Reset all guards to a fully closed position.
- Leave the machine and surrounding area in a safe, clean and tidy state.