

## Centre Lathe

**DO NOT use this machine unless a Training Officer has instructed You and has given permission by a signed Risk Assessment**



Safety glasses must be worn at all times in work areas.



Sturdy footwear must be worn at all times in work areas.



Rings and jewellery must not be worn.



Long and loose hair must be contained.



Close fitting/protective clothing must be worn.



Gloves must not be worn when using this machine.

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Check workspaces and walkways to ensure no slip/trip hazards are present.
- ✓ Locate and ensure you are familiar with the operation and controls – On/Off
- ✓ Ensure all guards are in place & Interlocks are operational.
- ✓ Check that the, Chuck, job & Tools are securely clamped.
- ✓ Check the condition of cutting tools.
- ✓ Ensure correct speed for machining process is selected.
- ✓ Remove the chuck key before starting the lathe.
- ✓ Do not try to lift chucks or face plates that are too heavy for you.
- ✓ Faulty equipment must not be used. Immediately report suspect machinery.

### OPERATIONAL SAFETY CHECKS

- ✓ Never leave the lathe running unattended.
- ✓ Before making adjustments or measurements switch off and bring the machine to a complete standstill.
- ✓ Do not attempt to slow/stop the chuck or revolving work by hand.
- ✓ Avoid letting swarf build up on the tool or job. Stop the machine and remove it.
- ✓ Support the work-piece if >75mm protrudes from the chuck with a centre/steady.

### HOUSEKEEPING

- ✓ Switch off the machine and reset all guards to a fully closed position.
- ✓ Remove tools, centres, drills before cleaning down.
- ✓ Leave the machine in a safe, clean and tidy state.

### POTENTIAL HAZARDS

- ❗ Flying objects - chuck key left in chuck.
- ❗ Sharp tools/cutters – contact injury handling /clean-up.
- ❗ Rotating machine parts – entanglement.
- ❗ Metal splinters/swarf burrs.
- ❗ Skin irritation .
- ❗ Eye injuries.

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other control measures. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use

Date of last review

Signature