

Risk Element

- Entanglement;
- Respiratory/skin conditions (metal working fluids);
- Sprains/strains (Manual handling);
- Particle ejection;
- Struck by moving objects;
- Electrocutation;
- Noise;
- Slips trips and falls.

Precautions to Eliminate/Reduce Risk

- Only competent persons are to use the lathe. Young persons must be supervised;
- Use equipment directed as in training instructions. If you are unsure, ask a Manager/Supervisor;
- Pre use checks to be carried out, defects to be reported to Manager/Supervisor;
- Do not leave the machine until the work piece has stopped;
- Do not attempt to touch workpiece while machine is moving;
- Ensure no protective clothing is loose/ long hair is tied back;
- Wear issued protective workwear, Eye protection, Gloves, Safety footwear, Ear protection if required);
- Regular testing of Metal working fluids to avoid respiratory conditions;
- Ensure workwear is regularly laundered and no soiled rags/cloths are kept in pockets;
- Adopt good manual handling techniques in accordance with training, where possible use lifting aids;
- Ensure work area is kept free of obstacles to prevent slips, trips and falls.

Safe Working Method

- Locate and ensure you are familiar with all machine operations and controls;
- Pre use check to ensure machine guards/emergency stop buttons are in place and machine in good working order;
- Check workspaces and walkways to ensure no slip/trip hazards are present;
- Ensure cutter is in good condition and securely mounted;
- Check coolant delivery system to allow for sufficient flow of coolant;
- Keep clear of moving machine parts;
- Ensure work piece is secure;
- Set the correct speed to suit the cutter diameter, the depth of cut and the material;
- Before making adjustments and measurements or cleaning swarf accumulations, switch off and bring the machine to a complete standstill;
- Switch off the machine when work completed;
- Remove milling cutters and store them safely;
- Leave the machine and work area in a safe, clean and tidy state.