

## Milling Machine

**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.



Long and loose hair must be contained.



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



Close fitting/protective clothing must be worn.



Rings and jewellery must not be worn.



Gloves must not be worn when using this machine.

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Ensure no slip/trip hazards are present in workspaces and walkways.
- ✓ Locate and ensure you are familiar with the operation and controls – On/Off
- ✓ Ensure all guards are in place & Interlocks are operational.
- ✓ Ensure cutters are in good condition and securely mounted.
- ✓ Ensure the work-holding device & work-piece are securely clamped
- ✓ Check coolant delivery system to allow for sufficient flow of coolant.
- ✓ Faulty equipment must not be used. Immediately report suspect machinery.

### OPERATIONAL SAFETY CHECKS

- ✓ Keep clear of moving machine parts.
- ✓ Check the correct cutter rotation and avoid climb milling.
- ✓ Never leave the machine running unattended.
- ✓ Follow correct clamping procedures- keep overhangs as small as possible and check 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 before cleaning swarf accumulations switch off and bring the machine to a complete standstill.

### HOUSEKEEPING

- ✓ Switch off the machine.
- ✓ Remove milling cutters before clean down & store them safely.
- ✓ Leave the machine and work area in a safe, clean and tidy state.

### POTENTIAL HAZARDS

- ⓘ Sharp cutters – contact injury handling /clean-up.
- ⓘ Moving components - hair/clothing entanglement.
- ⓘ Eye injuries.
- ⓘ Skin irritation.
- ⓘ Metal splinters/swarf burrs.
- ⓘ Flying debris.