

SAFE OPERATING PROCEDURES

Milling Machine

DO NOT use this machine unless you have been instructed in its safe use and operation and have been given permission.



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



Long and loose hair must be contained.



CSA approved footwear must be worn at all times in work areas.



Close fitting/protective clothing must be worn.



Rings and jewelry must not be worn.



Gloves must not be worn when using this machine.

PRE-OPERATIONAL SAFETY CHECKS

1. Check workspaces and walkways to ensure no slip/trip hazards are present.
2. Locate, and ensure you are familiar with, the operation of the ON/OFF starter and emergency stop button.
3. Do not leave tools on the machine table
4. Check that machine guards are in position.
5. Ensure that the cutter is in good condition and securely mounted.
6. Check that the workholder/vise and work are securely attached to the machine table.
7. Use portable chip guards to protect others from flying chips.
8. Faulty equipment must not be used. Immediately report suspect machinery to your instructor.

OPERATIONAL SAFETY CHECKS

1. Keep clear of moving machine parts.
2. Never leave the machine running unattended.
3. Follow correct clamping procedures. Keep the overhang of the work and cutter as small as possible and check that both are secure.
4. Set the correct speed, feed, and depth of cut to suit the cutter diameter and the material.
5. Before making measurements or before cleaning chip accumulations, switch off and bring the machine to a complete standstill.

HOUSEKEEPING

1. Switch off the machine.
2. Remove milling cutters and store them safely.
3. Leave the machine and work area in a safe, clean, and tidy state.
4. Be careful of others when blowing chips off the machine with compressed air.

POTENTIAL HAZARDS

- Sharp cutters
- Moving components - hair/clothing entanglement
- Eye injury
- Skin irritation
- Metal splinters and burrs
- Flying chips

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. 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.