

SOP – Milling Machine Safety

Pre-Use Precautions:

- Do not use this machine unless you're trained and qualified to use it safely.
- Inspect the milling machine for damage, disrepair, or missing parts. Make sure all shields and guards are securely in place. If the milling machine fails the pre-use inspection, notify the shop supervisor immediately.

Operating Precautions:

- Wear safety glasses with side protectors when using a milling machine.
- Never wear gloves, a tie, loose clothing, a watch, rings, or jewelry when using a milling machine. Tie long hair back or secure under a cap.
- Determine that the work piece is properly centered and securely clamped in the chuck. Remove the chuck key from the chuck before starting the milling machine.
- Keep your hands and fingers away from moving parts and cutting tools.
- Do not make measurements of the stock while the milling machine is powered.
- Use a chip shield to keep chips from hitting you and/or others in the area.
- Do not allow large quantities of chips to accumulate around the work piece or machine table. After stopping the machine, use a brush to remove all excess chips from the mill bed and stock.
- Use cut resistant gloves to handle sharp cutting tools.
- Cutting tools must be securely fastened in the machine spindle with the proper accessory. Never try to tighten cutting bits or tools by hand.
- Do not power the machine to tighten or loosen cutting bits or tools.
- Work pieces and stock must be rigidly fastened to the mill bed with clamps, a vise, or special fixtures.
- Use appropriate speeds and feeds for the type and size of cutter being used and the material being machined.
- Make sure the cutting tool is clear of the work piece before starting the machine.
- Disconnect the power source before performing milling machine maintenance.
- Do not leave milling machine unattended while it is running.

