

Lathe Rules & Safety

If you suspect a tool is not operating properly, contact mw-lathe@mit.edu immediately! Cell: 505-412-9433

NEVER touch anything spinning on the lathe or even perform an action that could put you at risk of doing so!

Sticker



Safety



Hazards



Class

3

Additional Safety Equipment

- Hair Ties (and further hair restraints advisable)
- Chuck Guard

Hazards

- The chuck or part can **GRAB** your hands, clothes, or hair. This can be **FATAL**
- The floor can be **SLIPPERY**
- The chuck key, or a poorly clamped part can **FLING** out
- A hand tool (file) can **STAB** or **GRAB** your hand, or **FLING** out
- An unsupported part that is too long can **WHIP**

Dos

- Do tie back hair and beards
- **Do** use the chuck guard, and using collet is even better
- **Do** use lubrication - disposable brushes/applicators
- **Do** stomp on the brake if you need to stop the lathe immediately

Don'ts

- **Don't** wear long sleeves, ties, hoodie strings, jewelry, or gloves
- **Don't** change gears while the spindle is rotating
- **Don't** run the lathe clockwise unless absolutely necessary
- **Don't** cut hazardous materials, wood, or composites
- **Don't** use setting C or E unless single-point threading
- **Don't** stand in-line with the chuck or a file
- **Don't** file at >325RPM, and never use a file without a handle
- **Don't** use steel wool, sand paper, or scotchbrite to deburr