Bench Grinder Rules & Safety

If you suspect a machine is not operating properly, contact mw-benchtop@mit.edu immediately! Cell: 954 806 0954

Machine Specific Safety Equipment

- Safety Glasses - face shield encouraged
- Ear plugs if extremely loud
- Hair Ties (and further hair restraints advisable)

Hazards

- The spinning wheels can GRAB your hand, finger, clothes, or hair. This can be FATAL
- Parts can be sucked into back of machine (when grabbed by disk)
- Small parts can be THROWN if not properly clamped
- Recently ground parts can be HOT
- Damaged wheels can potentially EXPLODE

Dos

- Do take care when grinding small parts (don’t hold with hands)
- Do stand on the side of the disk that is rotating downward
- Do hold your part against the table when grinding

Don’ts

- Don’t cut materials that make fine powder (if you need to, wear a mask)
- Don’t let fingers get too close to the disks
- Don’t push too hard, let the tool do the work
- Don’t grind aluminum, steel only
• Don’t grind on the side of the wheels
• Don’t change the wheel yourself - ask a mentor