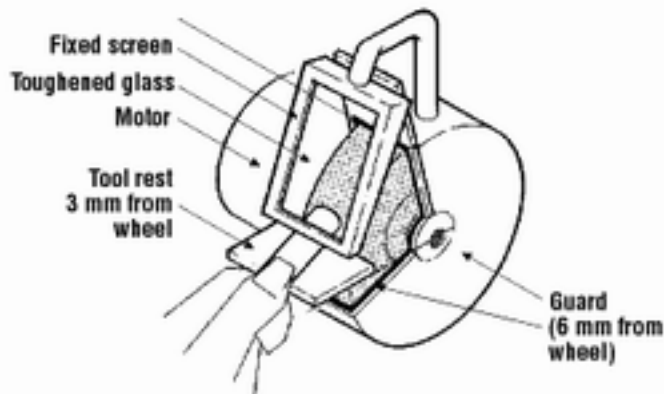


Pedestal and Bench Grinder Safety Guidelines

These guidelines are for reference only and are not to be considered as practical training. All students must complete the safety licensing process before they can be certified by the instructor to use this tool

- 1/ Be sure that the pedestal and/or bench grinder is secured
- 2/ Ensure all the guards are in place and secure before using a grinder.
- 3/ Adjust tool rests to within 3 mm (1/8 in.) of wheels. Never adjust rests while wheels are moving. Work rest height should be on horizontal centre line of the machine spindle.
- 4/ Maintain 6 mm (1/4 in.) wheel exposure with a tongue guard or a movable guard.
- 5/ Be sure that the wheel fits properly to the spindle when mounting. If it is loose, get another wheel.



- 6/ Stand to one side of the grinder until the wheel reaches operating speed.
- 7/ Bring work into contact with the grinding wheel slowly and smoothly, without bumping.
- 8/ Apply gradual pressure to allow the wheel to warm up evenly. Use only the pressure required to complete a job.
- 9/ Move the work back and forth across the face of the wheel. This movement prevents grooves from forming.
- 10/ Wheels are made only for grinding certain items. Do not grind rough forgings on a small precision grinding wheel.
- 11/ Wear proper personal protective equipment:
 - eye, ear and face protection,
 - respiratory protection may be required, depending on the work.
 - wear gloves only where necessary.

http://www.ccohs.ca/oshanswers/safety_haz/abrasive_wheels/safeuse2.html