GRINDER SAFETY

- Fasten pedestal and bench grinders securely.
  - Ensure all the guards are in place and secure before using a grinder.
  - Adjust tool rests to within 1/8 in. of wheels. Never adjust rests while wheels are moving. Work rest height should be on horizontal centerline of the machine spindle.
  - Maintain 1/4 in. wheel exposure with a tongue guard or a movable guard.
  - Stand to one side of the grinder until the wheel reaches operating speed.
  - Bring work into contact with the grinding wheel slowly and smoothly, without bumping.
  - Do not grind on the side of the wheel.

1/8 inch gap between work rest and wheel

1/4 inch gap between tongue guard and wheel
The ring test is one way to check if the wheel is in proper working order. Tap wheels gently with a nonmetallic tool such as a plastic screwdriver handle or wooden mallet. Tap within one inch of the outer rim. A wheel in good condition will emit a metallic ring. Reject any a wheel that sounds dead or cracked.

Each time you put a new grinding wheel or stone on the grinder, you must perform a ring test. Put the date of the test and your initials on the label in the center of the wheel.