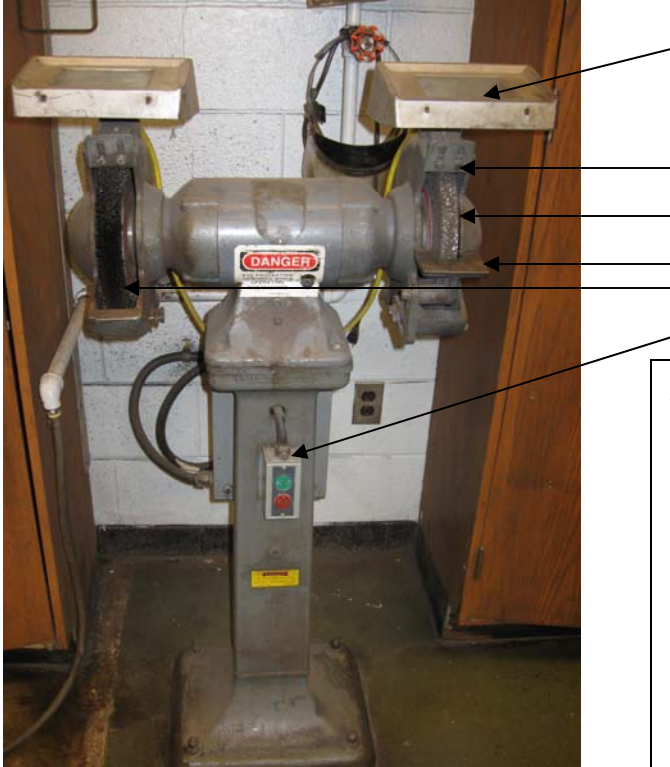


Pedestal Grinder



Pregrinding Check List:

- *Lock out the grinder and using a small steel rod inspect the grinding stones for any possible cracks. Rotating the stone, tap lightly with a steel rod on both sides of the grinding stone, all the tapping sounds should sound the same.*
- *Measure the air gap between the tool rest to grinding stone (1 to 3mm).*
- *Measure the air gap between the adjustable safety guard and the grinding stone (1 to 3mm).*
- *Inspect the grinding stone for evidence of someone grinding on the side of the stone.*
- *Make sure the working environment is safe for the operator and the machine.*
- *Inspect all safety guards and the entire machine for safe operation.*

Safety Rules:

- *Always use the appropriate eye and ear protection.*
- *Before starting the machine always complete the pregrinding inspection to the machine and working environment.*
- *Before starting or turning off the grinder stand to one side and stay with the machine until it has fully stopped.*
- *Hold the work firmly on the tool rest and feed the work gradually against the grinding wheel. Slide from side to side to prevent grooves in the grinding stone.*
- *If the grinder ever starts to vibrate or makes a whistling noise shut down the grinder and move away from it, have the instructor inspect the machine before anyone uses the grinder again.*
- *Clamp small pieces into a holder (vise grips) in order to grind safely.*
- *Avoid burns and heat damage by placing the work in the water pot frequently.*
- *Avoid the use of gloves; if necessary use a heavy welder's glove, never a light thin glove.*
- *All long hair must be tied back.*
- *If you need to talk to someone momentarily while operating the grinder, take two steps back from the machine before talking. Never talk to anyone while working on any machine.*
- *Never wear loose clothing as it may catch in the machine and drag you in too.*