

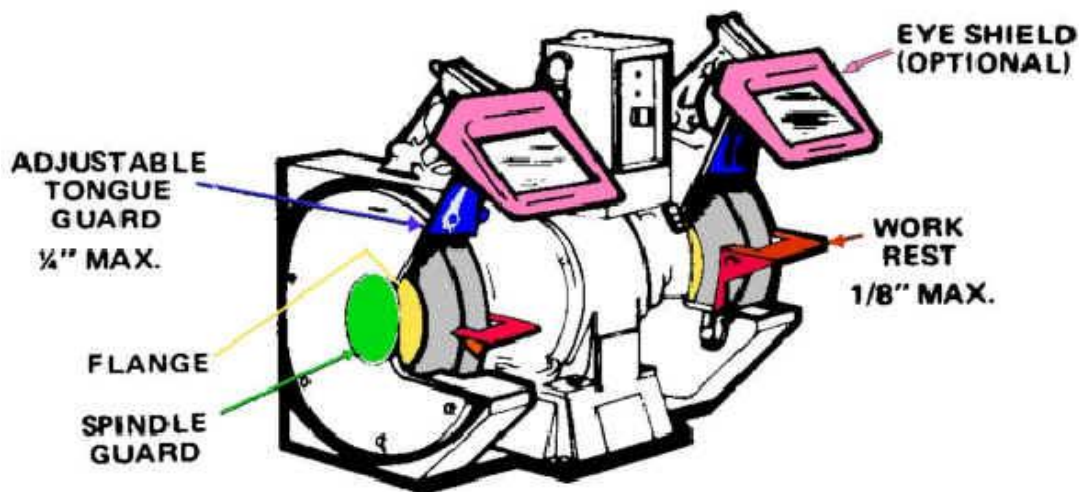
STANDARD OPERATING PROCEDURE

BENCH & PEDESTAL GRINDERS

	Safety glasses and faceshield must be worn when in operation		Hearing protection must be worn when in operation
	Safety shoes/boots must be worn		Rings, jewelry or gloves must not be worn. Long & loose hair must be contained. Roll up long sleeves

Pre-Operational Checks

- Ensure grinder is firmly secured to the bench or floor. Inspect grinder for damage. Check moving parts and alignment. Replace or repair any damaged parts.
NOTE: Remove power to grinder before performing any maintenance.
- Inspect grinding wheel for cracks, splits or other damage. If damaged, replace immediately. When replacing the wheel, perform a ring test/tap test to ensure the wheel has no voids in it. If it produces a clear ringing sound, continue with use. Do not use if a dull sound is produced.
- Ensure work rest, eye shields and that the wheel, tongue and spindle guards are in place and secured.
- If necessary, adjust the work rest so that it is no further than $\frac{1}{8}$ " away from the wheel and the tongue guard is no further than $\frac{1}{4}$ " from the wheel.
- Take faulty equipment out of service.



Courtesy www.osha.gov

Operational Safety

- Stand to the side of the grinder prior to start up.
- Allow wheels to gain maximum speed before grinding begins.
- Never use a wheel that vibrates.
- Bring work piece with contact to wheel slowly and avoid impact or bumping motions.
- Move work piece back and forth across the face of the wheel only.
- Never force work piece against wheel.
- Do not hold small objects by hand.
- Do not leaving running grinder unattended.
- When finished, let the wheel come to a stop naturally. Do not try to stop it with any object.