

Safety Procedures for Grinding Wheels

Operator should comply with OSHA and ANSI B7.1 Safety Regulations

The following **DO's** and **DO NOT's** should be used as a guide to safer portable grinding

DO

- 1.) **DO** check all wheels for cracks or other damage before mounting.
- 2.) **DO** check machine speed against the established maximum safe operating speed marked on wheel.
- 3.) **DO** use mounting blotters when supplied with wheels.
- 4.) **DO** be sure wheel hole, threaded or unthreaded, fits machine arbor properly and that flanges are clean, flat and of the proper type for the wheel you are mounting.
- 5.) **DO** always run wheel in a protected area at least one minute before grinding.
- 6.) **DO** use wheel guard furnished with machine.
- 7.) **DO** always wear protective safety glasses and additional eye and face protection if required.
- 8.) **DO** employ dust controls and/or protective measures appropriate to the material being ground.

⚠ WARNING

**IMPROPER USE MAY CAUSE
BREAKAGE AND SERIOUS INJURY**

DO NOT

- 1.) **DO NOT** use wheels which have been dropped or otherwise damaged.
- 2.) **DO NOT** use a grinding wheel that has rated speed less than the speed of the grinder
- 3.) **DO NOT** use excessive pressure when mounting wheel between flanges. Tighten nut only enough to hold wheel firmly.
- 4.) **DO NOT** use heavy side grinding pressure on any Type 1 straight wheel or thin Type 27 wheel.
- 5.) **DO NOT** handle machine carelessly. Stop wheel on work and use racks or hooks to support machine when not in use.
- 6.) **DO NOT** use relieved or recessed flanges with threaded hole cup wheels, cones or plugs.
- 7.) **DO NOT** mount more than one wheel on a single arbor.

Effective Grinding

Operator Instructions

Operate grinder at a 5-10° angle to the work surface.
Let the edge of the disc do the grinding.