

WAC 296-807-18010 Make sure machines have safety guards. (1)

You must use abrasive wheels only on machines that have safety guards.

(2) You must make sure the safety guard:

- (a) Is mounted so it maintains proper alignment with the wheel;
- (b) Is mounted with fasteners strong enough to keep the guard in position if a wheel breaks;
- (c) Is positioned to deflect pieces of an accidentally broken wheel away from the operator;
- (d) Covers the spindle end, nut, and flange projections.

Exemption:

Safety guards are not required on machines that use:

- 1. Wheels for internal grinding while advancing, retracting or within the work.
- 2. Mounted wheels two inches or less in diameter.
- 3. Types 16, 17, 18, 18R, and 19 cones and plugs and threaded hole pot balls where the work offers protection or the size does not exceed three inches in diameter by five inches long.
- 4. Notched, segmented, or continuous rim metal centered diamond lapidary wheels that are used with a coolant deflector and operated at 3,500 SFPM or less.
- 5. Type 1 wheels that are:
 - a. Two inches or less in diameter;
 - b. One-half inch or less thick;
 - c. Operating at peripheral speeds less than 1,800 SFPM;
 - d. Mounted on mandrels and used in portable drills.
- 6. Type 1 reinforced wheels that are:
 - a. Three inches or less in diameter one-quarter inch or less thick;
 - b. Operating at peripheral speeds of 9,500 SFPM or less;
 - c. Used by operators wearing safety glasses and face shields;
 - d. Valve seating grinding wheels.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-807-18010, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, [49.17].040, [49.17].050, and [49.17].060. WSR 03-09-009, § 296-807-18010, filed 4/4/03, effective 8/1/03.]