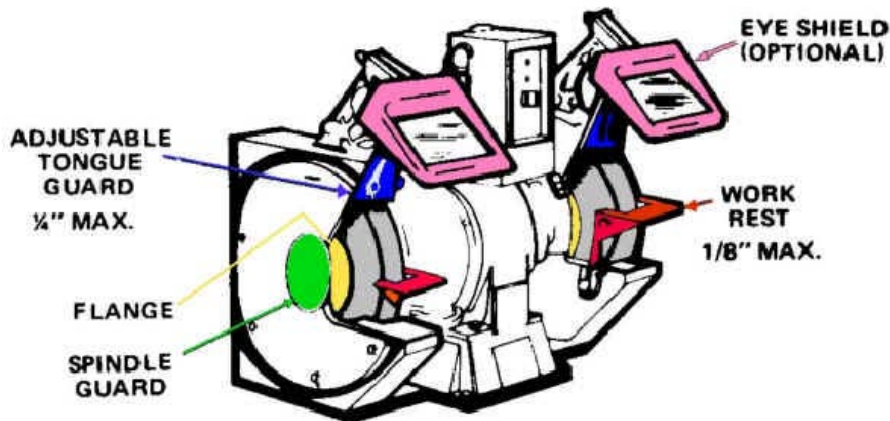




## Checklist for Abrasive Wheel Equipment Grinders<sup>1</sup>



Standard 29 CFR 1910	Description	YES	NO <sup>2</sup>
	<i>From the Abrasive Wheel standard</i>		
215(a)(2)	Do side guards cover the spindle, nut and flange and 75% of the wheel diameter?		
215(a)(4)	Is the work rest used and kept adjusted to within 1/8-inch (0.3175cm) of the wheel?		
215(b)(9)	Is the adjustable tongue guard on the top side of the grinder used and kept to within 1/4-inch (0.6350cm) of the wheel?		
215(d)(1)	Is the maximum RPM rating of each abrasive wheel compatible with the RPM rating of the grinder motor?		
215(d)(1)	Before new abrasive wheels are mounted, are they visually inspected and ring tested?		
	<i>From other OSHA standards</i>		
22(a)	Is cleanliness maintained around grinders?		
94(b)(2)	Are dust collectors and powered exhausts provided on grinders used in operations that produce large amounts of dust?		
133(a)(1)	Are goggles or face shields always worn when grinding?		
212(b)	Are bench and pedestal grinders permanently mounted?		
304(f)(4)	Is each electrically operated grinder effectively grounded?		
305(g)(1)(iii)(A)	Are fixed or permanently mounted grinders connected to their electrical supply system with metallic conduit or other permanent method?		
305(j)(4)(ii)(F)	Does each grinder have an individual on and off control switch?		

*Foot Notes:*

<sup>1</sup> Extracted from OSHA Publication #2209; this check list does NOT include ALL elements of 29 CFR 1910.215; it is a only a guide.

<sup>2</sup> A mark in this column indicates a need for corrective actions.

*Also see*  
[http://www.osha-slc.gov/SLTC/machineguarding/grinder\\_accidents.html](http://www.osha-slc.gov/SLTC/machineguarding/grinder_accidents.html)  
 for a partial list of abasive wheel grinder accidents (1990-97).

<sup>1</sup>Keith Piercy, OSHA, Austin Area Office, Local Emphasis Project, 1999