

Task: Power Tools - Grinders (Portable and Stationary)

Date: March 2006

PPE: Safety boots, Hard Hat, hearing protection, safety glasses, gloves

Task/Activity:	Potential Hazards	Recommended Procedures
1. Ensure guards are in place		
2. Check for cracks or defects		
3. Check blade quality and ensure mounting flanges are clean and blotters are used	a) blade could shatter b) blade could come loose	a) ensure blade is tight, but do not overtighten nut
4. (Stationary grinder) Check tool rest for correct clearance from blade	a) blade could shatter	a) replace grindstone when rest adjustment is 3mm of clearance or less
5. Check wheel speed	a) high speed could loosen blade	a) do not exceed maximum wheel speed
6. Grind material	a) debris could fly b) blade could come loose c) blade could shatter d) sparks could ignite flammable surroundings	a) wear PPE b) be aware of other workers c) use proper blade type/size d) ensure no flammable materials are in vicinity
7. Return portable grinder to power tool area		
8. Report any defects immediately		

Grinder operators must be trained in proper grinder use/maintenance