

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

FACILITIES SERVICES OPERATING A BENCH GRINDER

TASK	HAZARDS	CONTROLS
1. Check position of tool rests and condition of wheels.	Loose or poorly adjusted tool rests create pinching hazards.	Adjust and tighten tool rests.
	Cracked or broken wheels create projectile hazards.	Confirm wheels are not cracked or broken.
2. Turn on grinder.	Broken pieces of wheels striking operator.	Stand off to the side of the grinder when turning it on.
3. Grind object.	Abrasion and burns to fingers and hands	Wear leather gloves. Keep fingers and hands away from wheels.
	Flying sparks and debris	Wear safety glasses or face shield. Keep flammable materials away from grinding operation.
	Pinch to hand.	Wear leather gloves. Keep fingers away from pinch points.
Required Training: 1. Operation of grinder	Required Personal Protective Equipment (PPE) <ol style="list-style-type: none"> 1. Leather gloves 2. Safety glasses 3. Face shield 	

Other Information:
Contributors:
Created:
JSA Library Number:

Senior EH&S Technician Jim Ostdick; Lead Carpenter Louis Mandrigues
 January 2003
 FS-CARP-32

For more information about this JSA, contact the *Office of Environment, Health and Safety* at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 ● <http://www.ehs.berkeley.edu>

The development of Job Safety Analyses is a Balanced Scorecard initiative of the AVC-BAS Safety Committee, sponsored by the Associate Vice Chancellor-Business and Administrative Services (AVC-BAS) and the AVC-BAS Leadership Team ● <http://bas.berkeley.edu/balancedscorecard>

