

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

FACILITIES SERVICES

OPERATING A DRILL PRESS

TASK	HAZARDS	CONTROLS
1. Clean the table.	Eye injury from metal debris	Wear eye protection. Do not use compressed air.
2. Load the vise.	Foot injury if the vise falls	Secure the vise on the table with T-pins.
	Finger pinching while sliding the vise	Don't let your fingers get under the vise unless you are lifting it from the table. Keep your eyes on the task.
3. Lock the table in place.	Back strain	Don't lean over the table to twist the lock handle.
4. Load the bit.	Hand injury from the bit	Wear gloves. Don't hold on the end of the bit.
5. Start the drill.	None foreseen	
6. Feed the drill with the feed.	Injury caused by breaking the bit	Feed with the appropriate pressure. Use the appropriate bit for the type of metal. Wear eye protection.
	Eye or skin damage from cutting oil	Use the lowest RPM. Wear eye protection. Wear a long sleeved shirt.
	Hand injury from the exposed pulley near the feed handle	Make sure a pulley guard is in place. Don't push the feed handle toward the pulley.
7. Unload the vise.	Foot injury if the vise falls	Leave the vise secure on the table with T-pins until it is unloaded.

Other Information: Contributors: Created: JSA Library Number:		Finger pinching while sliding the vise	Don't let your fingers get under the vise unless you're lifting it from the table. Keep your eyes on the task.
	8. Clean the table.	Eye injury from metal debris	Wear eye protection. Do not use compressed air.
	Required Training: <ol style="list-style-type: none"> 1. Operation of the drill press 2. First aid 	Required Personal Protective Equipment (PPE) <ol style="list-style-type: none"> 1. Gloves 2. Eye protection 	
	Other Information: Contributors: EH&S Specialist Gary Bayne; Lead Machinist Charlie Norris Created: November 2002 JSA Library Number: FS-MACH-43		
<p>For more information about this JSA, contact the <i>Office of Environment, Health and Safety</i> at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 ● http://www.ehs.berkeley.edu</p> <p><i>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</i></p>			