

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

FACILITIES SERVICES

STRAIGHT-CUT TABLE SAW OPERATION

* Power to the saw must be off until all of the blade, fence, and feeder adjustments have been completed and the saw is ready to be operated.

TASK	HAZARDS	CONTROLS
1. Position the feeder out of the way for blade and fence adjustments.	Injury from blade while not in operation	Don't move the feeder with your hands under it.
	Muscle strain	Don't reach too far over the table saw to move the feeder.
2. Adjust the fence.	Finger injury from fence adjustment.	Don't lift the fence assembly during adjustment.
		Keep fingers out of the moving parts during adjustment.
3. Verify the blade to fence distance with a tape.	Cutting the hand on the blade	Keep your hand holding the tape case away from the blade.
4. Adjust the height and angle of the blade.	Projectiles from blade contacting the table while saw is running	Verify blade clearance prior to starting the saw.
	Back strain while turning the adjustment wheels.	Squat down (do not bend at the waist) to adjust the blade height while you are at eye level with the table.
	Cutting fingers or hand while saw is in operation	Properly adjust the blade height (recommended 1/8" above the stock).
5. Return the feed to its position above the blade and adjust the height.	Injury from the blade	Don't move the feeder with your hands under it.
	Muscle strain	Don't reach too far over the table to move the feeder.
6. Turn on the blower.	None foreseen	
7. Start the saw.	Projectiles from the rotating blade	Visually verify there no wood or other debris around the blade or in the path of the stock.

	8. Start the cut.	Projectiles from the rotating blade	Visually verify there is no wood or other debris around the blade or path of the stock. Check the stock for cracks. Check the stock for nails or other fasteners and remove any that are present.	
		Stock kick-back	Verify the fence is parallel to the blade. Verify the feeder is locked in position with enough downward force to stop a kickback. Step back from the saw and watch the cut. Don't watch the blade from the side of the saw.	
		Eye injury	Wear safety glasses/goggles.	
		Hearing damage	Wear earplugs or earmuffs	
		9. Finish the cut.	Kickback from both sides of the blade	Move to the back of the saw and slide the scrap away from the blade. Remove the finished piece after the blade has stopped.
	10. Turn off the saw, the feeder, and the blower.	None foreseen		
	Required Training: None	Required Personal Protective Equipment (PPE) 1. Eye protection 2. Hearing protection		
	Other Information: Contributors: Lead Carpenter Louis Mandrigues; EH&S Specialist Gary Bayne Created: October 2002 JSA Library Number: FS-03			
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	<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>			