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# JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

## PHYSICAL PLANT – CAMPUS SERVICES

### SEWING MACHINE OPERATION FOR INSULATORS

TASK	HAZARDS	CONTROLS
1. Wind Bobbin	Belt Pinch	Keep hand back from the belt while engaging friction drive on the belt
2. Tilt back machine to mount bobbin	Hand impact and pinching	Insert block to prevent machine from falling on your hand.
3. Thread the thread	No known hazards	
4. Thread the needle	Needle penetration of finger	Keep your foot off the accelerator and do not move the machine with your hand
5. Operate the machine and feed the fabric	Cut from insulation pad fabric	Keep hands away from fabric edge while feeding the fabric
	Needle penetration of finger	Keep hands away from needle during operation
	Eye and face injury if needle breaks	Keep face back from needle during operation and wear safety glasses
	Pin penetration in the mouth or choking from pin inhalation	Do not hold pins in your mouth
	Pin penetration in the hands arm or butt.	Keep the pins from surfaces such as the sewing table or chairs. Use a magnet or a pin cushion to hold the pins
6. Operating the machine by hand for walkback or backstitch	Belt pinch	Keep your foot off the accelerator

	7. Chair adjustment	Strained muscles	Keep the chair and lighting adjusted so you can sit up straight and easily access and see the operation
	8.		
	<b>Required Training:</b>	<b>Required Personal Protective Equipment (PPE)</b> <b>Safety Glasses</b>	
<b>Other Information:</b> <b>Contributors:</b> <b>Created:</b>	<p>See (insert link) for more information on (insert titles of linked documents)</p> <p>PP-CS Insulators, Removal insulation pads December 2008</p> <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 ● <a href="http://www.ehs.berkeley.edu">http://www.ehs.berkeley.edu</a></p>		