

Job Safety Analysis

Safety Information for the University of California, Berkeley

Operating an Air-Operated Shear

Overview:

A **Job Safety Analysis** identifies hazards associated with each step of any job or task that has the potential to cause serious injury, determines how to control the hazards, produces a written tool that can be used to train other staff, and meets Cal/OSHA training requirements by developing procedures and work rules that are *specific for each job or task*. For more information, see: [Job Safety Analysis Fact Sheet](#).

Instructions:

Use the blank JSA template and instructions below to create a Job Safety Analysis. It is likely that each item written down will change in sequence or be re-defined during the process. To update the header and footer, double click in the dark blue sections at the top or bottom of a page and make your updates. You must make the changes to the header and footer on both the first page AND on any page other than the first page (e.g. the second page).

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For more information about this JSA, contact the [Department Safety Coordinator](#).

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Task Description	Associated Hazards	Types of Controls
1. Align material with blades of shear.	1.1. Cutting hand	1.1.1. Wear leather gloves
		1.1.2. Deburr material
		1.1.3. Do not slice hands along edges
	1.2. Pinching hand and fingers	1.2.1. Keep hand and fingers from pinch point
	1.3. Muscle strain	1.3.1. Position body to maintain balance Maximize use of legs and avoid twisting
2. Depress foot pedal to operate shear.	2.1. Pinching hand and fingers	2.1.1. Keep hand and fingers from pinch point.
	2.2. Cutting hand	2.2.1. Wear leather gloves

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Task Description	Associated Hazards	Types of Controls
Required Training: 1. Operation of an air-operated shear. Required Personal Protective Equipment (PPE): 1. Gloves 2. Non-slip shoes Additional Guidance: See <i>[insert link]</i> for more information on <i>[insert titles of linked documents]</i>.		