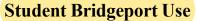
## JOB HAZARD ANALYSIS





TASK	HAZARDS	Controls
Select appropriate     stock to be manipulated.	- Uneven, non-durable, or brittle stock may shatter and fling debris or entrap the user.	<ul> <li>Hands on training and requiring shop instructor to provide guidance on the stock that is to be used by the student.</li> </ul>
2. Position material in Vice, rotatory chuck or Clamp to table.	- Pinching of fingers and or hands.	<ul> <li>Keep hands and fingers clear of clamps when loading material in vice, adjust vice / chuck.</li> <li>Tighten</li> </ul>
3. Remove any loose tooling from work area.	- Damage to the equipment and or user from flying debris.	- Visually Inspect Area.
4. Set spindle speed as well as bridgeport feed.	<ul> <li>Body injury and or damage to work piece from incorrect feed rate.</li> </ul>	- Refer to cutting speed table.
5. Turn machine on in appropriate direction (cutting or milling).	<ul><li>Hand and arm entanglement as well as amputation.</li><li>Airborne chips from previous work.</li></ul>	<ul> <li>Guarding at point of operations and points of power transmission.</li> <li>Eye Shielding.</li> </ul>
6. Cleaning up.	- Tripping may occur due to excess debris.	Have a brush or rake to remove chips from machine and surrounding area.

## **Required Training & Shop Practice:**

- 1. Shop Safety for Students (Classes)
- 2. No loose clothing
- 3. Long hair must be adequately secured in the shop at all times where Mills are present and potentially in use.
- 4. Wear Closed toed shoes

## **Required Personal Protective Equipment (PPE)**

1. ANSI z87.1 Safety Glasses



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