

JOB HAZARD ANALYSIS



Student Bridgeport Use

TASK	HAZARDS	CONTROLS
1. Select appropriate stock to be manipulated.	- Uneven, non-durable, or brittle stock may shatter and fling debris or entrap the user.	- Hands on training and requiring shop instructor to provide guidance on the stock that is to be used by the student.
2. Position material in Vice, rotatory chuck or Clamp to table.	- Pinching of fingers and or hands.	- Keep hands and fingers clear of clamps when loading material in vice, adjust vice / chuck. - Tighten
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 <u>bridgeport</u> feed.	- Body injury and or damage to work piece from incorrect feed rate.	- Refer to cutting speed table.
5. Turn machine on in appropriate direction (cutting or milling).	- Hand and arm entanglement as well as amputation. - Airborne chips from previous work.	- Guarding at point of operations and points of power transmission. - Eye Shielding.
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



JHA Training

Created By: Wade Burke

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