



JOB HAZARD ANALYSIS



Grinder Use

TASK	HAZARDS	CONTROLS
1. Select appropriate stock to be ground.	- 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 on table.	- Pinching of fingers and or hands.	- Keep hands and fingers clear of clamps when loading material onto table.
3. Engage magnet.	- Damage to the equipment and or user if magnet is not engaged.	- Physically try to move the part.
4. Select correct wheel as well as <u>grinder</u> feed.	- Body injury and or damage to work piece from incorrect wheel or feed rate.	- Refer to cutting speed table.
5. Turn machine on.	- Hand and arm entanglement as well as amputation. - Airborne chips from previous work.	- Guarding at point of operations and points of power transmission. - 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 grinders are present and potentially in use.

Required Personal Protective Equipment (PPE)

1. ANSI z87.1 Safety Glasses
2. Closed toed shoes



Grinder Training

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Contributors: