**ALWAYS WEAR APPROPRIATE PPE WHEN USING THIS MACHINE**

**SAFETY FOR THIS MACHINE:**

* DO NOT operate while under the influence of drugs, alcohol, or medication
* SECURE any loose fitting jewelry or clothing, tie back long hair - they can get caught in moving parts
* INSPECT the wheels for cracks or chips before use. A cracked wheel will disintegrate upon startup
* GUARDS and spark arrestors must be used at all times
* EYE SHIELDS must be over work area
* GRIND ONLY ON THE FACE OF THE WHEELS. Grinding on the side of the wheel weakens the wheel and may cause breakage
* ALWAYS USE TOOL REST when working with this machine
* DO NOT force metal into moving grinding wheel
* DO NOT make any adjustments to tool rests or spark arrestors while grinder is "ON"
* REMOVE any wrenches from the grinder before use if you make adjustments to the tool rest
* NEVER grind soft metals (bronze, zinc, copper) on wheels designed for hard metal. The grinder is normally set up for grinding hard metals, i.e. steel. Soft metals can become incorporated within the wheel resin, causing overheating and subsequent wheel disintegration. If you need to grind soft metals, see the shop tech
* TURN ON THE DUST COLLECTOR ATTACHED TO THIS MACHINE
* REFER to instruction manual for further information (see instructor)

OTHER THINGS TO REMEMBER WHEN USING THIS MACHINE:

* For safe operation, the tool rest must not be in contact with grinding wheel
* Adjust angle of tool rest to desired position and tighten nuts securely. Maintaining 1/16" - 1/8" clearance between tool rest and grinding wheel
* The spark arrestor should be adjusted for approximately 1/16"- 1/8" clearance between it and the grinding wheel
* Adjust eyeshield to position aliening center of eyeshield in line of sight to tool rest. The eyeshields can swivel
* Do not hold material above tool rest while grinding. Doing so can cause you to loose your grip on the material
* Be aware of the gap between the tool rest and the grinding wheel. If too much gap exists, material can get pinched or be projected towards the user
* If you need to grind a small object, use a pair of vise grips to keep your fingers away from grinding wheel
* Be aware that this tool takes a long time to come to a rest (stop spinning)

NEVER LEAVE THIS MACHINE ON AND STEP AWAY