

KNIGHTS OF POSEIDON: RANGER TEAM

Argo Community High School

7329 W 63rd St, Summit, IL 60501

Task	Hazards	Controls
1. Cutting PVC Pipe with Hand Cutters	<ul style="list-style-type: none"> • Not paying attention to cutting • Fragments of pipe may hit someone's eye when cutting 	<ul style="list-style-type: none"> • Providing safety goggles • Given the correct information of cutting pipes
2. Cutting Acrylic and/or Aluminum with Band Saw	<ul style="list-style-type: none"> • Placing hand in the line of cutting • Using only one hand • Leaving the band saw on unattended 	<ul style="list-style-type: none"> • Providing safety goggles • Going through a step by step procedure before using the machine
3. Sanding Down Acrylic and/or Aluminum	<ul style="list-style-type: none"> • Leaving the sanding machine on unattended • Touching the sanding machine as it is moving • Not wearing safety goggles • Wear loose clothing or jewelry 	<ul style="list-style-type: none"> • Providing safety goggles • Going through a step by step procedure before using the machine
4. Using a Metal Lathe	<ul style="list-style-type: none"> • Turning on the machine with the chuck key still in place • Shredding off too much material at a time 	<ul style="list-style-type: none"> • Providing Safety Goggles • Going through a step by step procedure before using the machine • Have a full understanding of the machine

	<ul style="list-style-type: none"> • Touching the machine while it is still rotating • Inserting an object into the chuck incorrectly • Not tightening the tool in the tool holder • Not using safety goggles when using the lathe 	
5. Using a Soldering Iron	<ul style="list-style-type: none"> • Filing the iron when it is turned on • Flicking solder without caution • Not placing a soldering iron in a holder when it is not in use 	<ul style="list-style-type: none"> • Be aware of your surroundings • Having the proper equipment
6. Using a Drill Press	<ul style="list-style-type: none"> • Not positioning the object correctly when drilling • Not using oil to lubricate the drill • Letting go of the turning wheel suddenly • Placing a drill bit incorrectly into the chuck • Not anchoring a workpiece before drilling it • Not putting the protection guard in place 	<ul style="list-style-type: none"> • Providing safety goggles • Going through a step by step procedure before using the machine • Have a full understanding of the machine

<p>7. Gluing PCV Pipe</p>	<ul style="list-style-type: none"> • Not wearing any gloves • Not working in a well-ventilated area 	<ul style="list-style-type: none"> • Providing gloves • Read the instructions on the packaging carefully
<p>8. Applying Epoxy</p>	<ul style="list-style-type: none"> • Touching the epoxy after it has been mixed • Mixing the epoxy in a non-ventilated area • Using epoxy on top of an uncovered area • Not wearing gloves when applying epoxy 	<ul style="list-style-type: none"> • Providing gloves • Read the instructions on the packaging carefully