

**The following are guidelines. Client or Project Specifics may superseded this document. Consult Project Manager with conflicts.**

Task Step	Step Hazard	Hazard Mitigation	Picture
<p>Safety precautions.</p> <p>1. Review owner's manual, do not use machine in a manner other than stated. Use other than stated in the instructions is forbidden.</p>	a.	a.	
<p>2. Inspect equipment for damage to:</p> <p>a. Clamping mechanism</p> <p>b. Clamping surface</p> <p>c. Cutting head</p> <p>d. Electrical connections</p>	<p>b. Pinch points</p> <p>c. Pinch points</p> <p>d. Cuts/Lacerations</p> <p>e. Electrocutation</p>	<p>b. Do not remove or dislodge debris with your fingers</p> <p>c. Do not remove or dislodge debris with your fingers</p> <p>d. Wear gloves. Use a screw-driver or other appropriate tool to clear any metal shavings from the cutting head</p> <p>e. Leave tool unplugged from power source until you are ready to begin facing the tubing. Inspect electrical cord for cuts, frays or bare wires.</p>	
<p>3. Material preparation</p> <p>a. Verify tool is not plugged into power</p> <p>b. Feed tubing into the clamping dogs</p> <p>c. Use pipe stands to level the tubing prior to tightening the clamp</p> <p>d. Firmly tighten the clamp, securing the tubing</p>	<p>a. N/A</p> <p>b. Pinch points and heavy lifting</p> <p>c. Cuts/Lacerations</p> <p>d. Muscle strain</p>	<p>a. N/A</p> <p>b. Keep body parts out of the clamping mechanism and use proper lifting techniques when handling material</p> <p>c. Wear gloves</p> <p>d. Utilize proper lifting techniques</p>	
<p>4. Facing tubing</p> <p>a. Plug cord into GFCI power source</p> <p>b. Verify cutting head is not in contact with the material at the moment the power trigger is engaged and the head begins to spin. Use the "throttle" knob to adjust the distance between the material and cutting head</p> <p>c. When cutting head reaches the desirable speed, slowly turn the "throttle" knob until the cutting head comes into contact with the material</p> <p>d. Continue to apply firm pressure to the "throttle" until the desired result is reached.</p>	<p>a. N/A</p> <p>b. N/A</p> <p>c. Flying metal debris</p> <p>d. Flying metal debris</p>	<p>a. N/A</p> <p>b. N/A</p> <p>c. Safety glasses</p> <p>d. Safety glasses</p>	
<p>5. Remove material from facing tool</p> <p>a. Unplug power source</p> <p>b. Loosen clamp</p> <p>c. Remove material from the clamping dogs</p>	<p>a. Potential for</p> <p>b. Muscle strain</p> <p>c. Muscle strain and pinch points</p>	<p>a. N/A</p> <p>b. Utilize proper lifting techniques</p> <p>C. proper lifting techniques and wearing gloves</p>	
<p>6. Repeat steps 1 through 4 in that order</p>			

**Special Notes:**

Items in RED indicate previous incident.