

## Safe Work Practice (SWP)

Name of Task <b>Hydraulic Ironworker</b>	
Department/Unit: Trades Programs	
<b>Personal Protective Equipment or other required equipment and safety considerations:</b> - Eye protection, CSA approved footwear, leather palmed gloves and hearing protection as required. Long hair must be tied back or contained. No loose fitting clothing, or jewelry (watches, rings or necklaces).	
<b>Hazards:</b> Increased noise level, pinch points, crushing hazards, sharp material edges, falling objects, slip, trip and fall hazards.	
<b>Required Training:</b>	Successful completion of safety unit and test. Training in-house by individuals, experienced and knowledgeable with the tool
<b>Steps to be taken to complete task safely:</b>	
1	<b>Pre-Operational Safety Checks:</b> <ul style="list-style-type: none"> <li>Read and fully understand instructional manual before operating.</li> <li>Review rated capacities of the equipment.</li> <li>Locate and ensure Emergency Stop switch is operational.</li> <li>Ensure work area is free of clutter and any possible slip / trip hazards.</li> <li>Ensure there is no material or tools on/in the ironworker prior to start up.</li> <li>Ensure all guarding is in place and functioning properly.</li> <li>Ensure all controls are operative.</li> <li>Ensure foot pedals are not unobstructed.</li> <li>Ensure all accessories are fully fastened and secured.</li> <li>Examine punch, die, and stripper for correct alignment and securement.</li> <li>Ensure adequate lighting is provided.</li> </ul>
2	<b>Prohibited Activities:</b> <ul style="list-style-type: none"> <li>Do not operate this equipment without prerequisite training.</li> <li>Never leave the machine running while unattended.</li> <li>Never punch holes thicker than the diameter of the punch.</li> <li>Never exceed machine rated capacities.</li> <li>Do not leave material or hand tools on the work station.</li> <li>Do not operate this equipment without protective guarding or strippers.</li> <li>Never attempt to punch partial holes (side thrust on punch / die assembly can be catastrophic).</li> </ul>
3	Wear specified Personal Protective Equipment.
4	Task must be fully planned with a complete material layout prior to any operation.
5	Select appropriate tooling required based on operation / material.
6	Turn on equipment.
7	Select correct machine operation with appropriate controls.
8	Operate machine with no load.
9	If a remote foot pedal is available, position it best suited to the task.
10	Ensure others are not in your work area.
11	Carefully place and support material in the machine.
12	Align material, keep hands clear, and activate operation.

13	At the conclusion of a stroke, remove foot from pedal.
14	Remove all scrap material.
15	All equipment must be turned off when not in use.
16	<b>Post-Operational Safety Checks:</b> <ul style="list-style-type: none"> <li>Clean up work area</li> <li>Equipment must remain clean and free of excess oil and dirt.</li> </ul>
<b><i>If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure. Report any hazardous situation to your instructor/supervisor immediately.</i></b>	
<b>Responsibilities, Completion and Review</b>	
<i>Management and workers to ensure all duties performed in accordance to training, established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per SAFE Work Procedures). Notify Manager or designates (i.e. supervisors) of all occurrences, injuries illnesses or safety and health concerns which are likely to harm themselves, co-workers, or any others who enter the premises.</i>	
<b>Completed by and Date:</b>	<b>Approved by:</b>
<b>Last Reviewed/Revised by and Date:</b>	<b>Note:</b> This task will be monitored periodically to ensure compliance and effectiveness.