Do not use this machine unless an instructor or shop supervisor has instructed you in the safe use and operation and has authorized you to operate this equipment!

**Equipment/Machine:**  
**POWER HACK SAW**

**Description of Work:** Using a power hack saw.

**Potential Hazards:** Exposed moving parts and electrical hazard with the potential to cause harm through entanglement, exposure to heat, noise, projectiles, sharp objects, friction and sparks.

### Personal Protective Equipment (PPE) Required

<table>
<thead>
<tr>
<th>Gloves</th>
<th>Face Masks</th>
<th>Eye Protection</th>
<th>Hearing Protection</th>
<th>Safety Footwear</th>
<th>Protective Clothing</th>
<th>Welding Mask</th>
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**Safe Work Procedure Checklist:**

1. **PRE-Operation:**
   - Task (e.g. Drawings, instructions, specifications etc) is clearly understood.
   - Identify ON/OFF switch and emergency stop button (if applicable).
   - Make sure that work is securely clamped in the work vice.
   - Check coolant delivery system to allow for sufficient flow of coolant.
   - Faulty equipment must not be used.

2. **Operation:**
   - Make sure that work piece is secure.
   - Support overhanging work and signpost if it presents a hazard.
   - Keep clear of moving machine parts.
   - Direct coolant onto blade before starting cutting.
   - Never leave the machine running unattended.
   - Before making adjustments or before cleaning waste material accumulations switch off and bring machine to a complete standstill.

3. **POST-Operation:**
   - Switch off machine and store equipment machine in a safe and clean state.
   - Make sure good housekeeping practices are in place to minimize dust build-up.