# Job Safety Analysis

Safety Information for the University of California, Berkeley

## Department of Mechanical Engineering

### Operating a Sheet Metal Notcher

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazards</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Assess work area; is it clear of obstructions and slip/trip/fall hazards?</td>
<td>• Slip, trip, or fall</td>
<td>• Clear work area of any obstructions or slip/trip/fall hazards</td>
</tr>
<tr>
<td>2. Align material with upper blade of notcher</td>
<td>• Lacerations to fingers/hand from material</td>
<td>• Deburr material before handling, do not slide hand along edges, use gloves if necessary</td>
</tr>
</tbody>
</table>
| 3. Pull handle to operate notcher | • Pinching hazards to fingers/hand  
• Muscle strain  
• Shattering material may cause damage to eyes  
• Handle hitting operator in head | • Keep fingers away from pinch points  
• Position body in relation to crank handle to avoid back and shoulder strain  
• Always wear safety glasses when operating equipment  
• Avoid excessive pull force on the handle; ensure that your head isn’t directly in front of the handle being pulled |

**Required Training:**
Student Shop Safety Training Program  
Must complete additional training under guidance of a qualified Student Shop Laboratory Mechanic

**Required Personal Protective Equipment (PPE):**
Leather gloves, safety glasses

**Other Information:**

<table>
<thead>
<tr>
<th>Contributors:</th>
<th>Created:</th>
</tr>
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<tbody>
<tr>
<td>Scott G. McCormick; R&amp;D Engineering Manager, Jacob Gallego; Principal Lab. Mech.</td>
<td>July 2020</td>
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</table>

**Contributors:**

- Scott G. McCormick; R&D Engineering Manager, Jacob Gallego; Principal Lab. Mech.
- Pexto PS-66 Sheet Metal Notcher Manual

**Created:**
- July 2020
JSA Library Number: (EH&S will insert number here, if applicable)

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