## JOB HAZARD ANALYSIS

### CERTIFICATION OF HAZARD ASSESSMENT

Safety Information for the University of California, Santa Barbara

**DEPARTMENT:** Chemistry Machine Shop

**JOB DESCRIPTION:** Operating a Belt Sander

<table>
<thead>
<tr>
<th>Task Step</th>
<th>Hazard(s)</th>
<th>Controls</th>
</tr>
</thead>
</table>
| 1. Turn on sanding belt. | Flying dust and debris in eyes  
Catching clothing, hands/fingers, hair, etc., in moving parts  
Muscle strain | Wear safety glasses and face shield. Keep face and hands away from moving belts. Make sure guards are in place.  
Position body to maintain balance. Avoid twisting and overextending. |
| 2. Align material with belt sander. | Cutting hand on metal or on moving belt | Wear gloves.  
Don’t hold sharp edges.  
Keep hands and fingers away from belts. Make sure guards are in place. |
| 3. Angle material and make contact with belt sander. | Flying glass debris and dust in face and eyes  
Breaking sanding belt due to excessive pressure  
Cutting hand on moving belt | Wear safety glasses and face shield.  
Control amount of pressure exerted on belt and maintain balance. Make sure belt guards are in place.  
Keep hands and fingers away from moving belt. Make sure guards are in place. |

### Required Training:

Read Belt Sander Operators Manual

### Required Personal Protective Equipment (PPE):

1. Safety glasses  
2. Face shield  
3. Non-slip shoes  
4. Leather gloves

### Other Information:

**Certified by:** John Q. Public  
**Date Certified:** September 2011  
**JHA Library Number:** XXXX

For more information about this JHA, contact:  
EH&S/General Safety  
University of California Santa Barbara  
565 Mesa Road  
Santa Barbara, CA 93106-5132  
Phone: (805)893-5288

Continue on other side
Job Description: Operating a Belt Sander

<table>
<thead>
<tr>
<th>Task Step</th>
<th>Hazard(s)</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other JHA information

<table>
<thead>
<tr>
<th>Photos</th>
<th>Attached photo of shop belt sander (shown with guard open)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Charts:</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>