## Jobs Safety Analysis

**Start Date:**
10/7/2009 (one year)

### Job/Activity Name:
Drill press

### Department/Group Name
Metrology / Alignment Engineering Group

### BLDG/Area Location(s):
107

### Other Information or References:

## Scope of Work
drilling

<table>
<thead>
<tr>
<th>Steps</th>
<th>Potential Hazards</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean the table. Check guards.</td>
<td>Eye injury from metal debris</td>
<td>Wear eye protection.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Align &amp; secure guards.</td>
</tr>
<tr>
<td>Load the vise.</td>
<td>Foot injury if the vise falls</td>
<td>Secure the vise on the table with T-pins.</td>
</tr>
<tr>
<td></td>
<td>Finger pinching while sliding the vise</td>
<td>Don’t let your fingers get under the vise unless you are lifting it from the table.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Keep your eyes on the task.</td>
</tr>
<tr>
<td>Lock the table in place.</td>
<td>Back strain</td>
<td>Don’t lean over the table to twist the lock handle.</td>
</tr>
<tr>
<td>Load the bit.</td>
<td>Hand injury from the bit</td>
<td>Wear gloves.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don’t hold on the end of the bit.</td>
</tr>
<tr>
<td>Start the drill.</td>
<td>None foreseen</td>
<td></td>
</tr>
<tr>
<td>Feed the drill with the feed.</td>
<td>Injury caused by breaking the bit</td>
<td>Feed with the appropriate pressure.</td>
</tr>
<tr>
<td></td>
<td>Eye or skin damage from cutting oil</td>
<td>Use the appropriate bit for the type of metal.</td>
</tr>
<tr>
<td></td>
<td>Hand injury from the exposed pulley near the feed handle</td>
<td>Wear eye protection.</td>
</tr>
<tr>
<td>Unload the vise.</td>
<td>Foot injury if the vise falls</td>
<td>Make sure a pulley guard is in place.</td>
</tr>
<tr>
<td></td>
<td>Finger pinching while sliding the vise</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Leave the vise secure on the table with T-pins until it is unloaded.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don’t let your fingers get under the vise unless you’re lifting</td>
</tr>
</tbody>
</table>
I understand & will adhere to the steps, hazards & controls as described in this JSA. I understand that performing steps out of sequence may pose hazards that have not been evaluated, nor authorized. I will contact my supervisor prior to continuing work, if the scope of work changes or new hazards are introduced.
I understand I have the authority and responsibility to stop work I believe to be unsafe.

I have reviewed the steps, hazards & controls described in this JSA with all workers listed above and authorize them to perform the work. Workers are qualified (i.e. licensed or certified, as appropriate, & in full compliance with SLAC training requirements) to perform this activity.

I have communicated area hazards with the supervisor or listed worker(s) for this activity and have coordinated the described activity with affected occupants. The above listed workers are released to perform described scope of work in the following area(s):

Mike Racine