## JOB SAFETY ANALYSIS

Safety Information for the University of Nevada, Reno

### TASK: PAINTER – CLEAN-UP

<table>
<thead>
<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
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</thead>
</table>
| **General Occupant Issues** | 1. egress  
2. enter hazardous area  
3. fire | 1. Ensure the student knows the path of egress and where the emergency assembly point is located. Describe what the evacuation alarm for the building sounds like.  
2. Explain to the student many areas within a building have entry requirements posted. They should look for and comply with these requirements. Examples include safety glasses and closed-toed shoes when in the machine shop, dosimeter required when entering a radiologically controlled area (RCA).  
3. Explain that fire extinguishers are only to be used by personnel who have been trained by the SLAC. |
| **General cleaning activities around machine shop including:**  
- Sweeping inside and outside  
- General cleaning and straightening up of shop including walls, floors, cabinets, drawers, and storage lockers.  
- Painting (and prep for paint) of areas including walls, cabinets, lockers, floor, and storage containers. | 1. Dust when sweeping  
2. Objects in eyes when in shop.  
3. Metal objects/chips caught on feet.  
4. Paint chips in eyes  
5. exposure to lead containing paint  
6. exposure to paint  
7. Disposal of hazardous materials. | 1. Keep dust to a minimum with sweeping technique. Allow dust to settle periodically.  
2. Wear safety glasses and closed toed shoes whenever in the machine shop.  
3. Wear closed-toed shoes whenever in the machine shop.  
4. Wear safety glasses when scraping paint.  
5. Any paint that potentially contains lead will be tested prior to sanding or scraping.  
6. For any chemical used by the student, review the MSDS with the student, and provide them with a copy or show them how to obtain a copy on-line. Explain what MSDS’s are, why they are written, and how to read them. Ensure that student is fully aware of the health hazards of all materials being used.  
4. Provide instruction of proper disposal of paint waste (rags, used brushes, and empty cans). If water soluble paint, these items... |
### Inventory of shop materials

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.</td>
<td>Drop material on feet</td>
</tr>
<tr>
<td>1.</td>
<td>Wear closed toed shoes when risk of dropping heavy or sharp item on feet exists.</td>
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</tbody>
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### Light Mechanical Inspection

- use of calipers
- use of micrometers
- data entry
- clean parts with solvent (alcohol)
- clean parts with compressed air (usually canned air)
- work area is located within a “radiologically controlled area (RCA)”

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<tbody>
<tr>
<td>1.</td>
<td>pinch fingers with tool or material</td>
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<tr>
<td>2.</td>
<td>carpel tunnel</td>
</tr>
<tr>
<td>3.</td>
<td>exposure to chemical (alcohol)</td>
</tr>
<tr>
<td>4.</td>
<td>flying objects in eye from compressed air</td>
</tr>
<tr>
<td>5.</td>
<td>disposal of alcohol contaminated wipes/rags</td>
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<tr>
<td>6.</td>
<td>work around radiological materials</td>
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</tbody>
</table>

### Training Requirements:

1. Train employee on the proper use of tools including a demonstration on how it can pinch.
2. Take periodic breaks from repetitions activities
   - For any chemical used by the student, review the MSDS with the student, and provide them with a copy or show them how to obtain a copy on-line. Explain what MSDS’s are, why they are written, and how to read them. Ensure that student is fully aware of the health hazards of all materials being used.
   - Wear safety glasses when using compressed air
   - Show employee where to dispose of alcohol contaminated wipes/rags.
   - Must wear decimeter when in area.

### Personal Protective Equipment (PPE) Requirements:

**Created By:**
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**Created Date:**
March 24, 2008

**Revision Date:**
N/A

For more information about this JSA, contact the Office of Environment, Health and Safety at University of Nevada, Reno, 1605 Evans Avenue, Reno, Nevada 89557