## JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

### FACILITIES SERVICES

## OPERATING A GLASS BELT SANDER

<table>
<thead>
<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Turn on water supply and sanding belt.</td>
<td>Spray water or dust in eyes</td>
<td>Wear safety glasses and face shield. Keep face away from moving belt. Make sure guards are in place.</td>
</tr>
<tr>
<td></td>
<td>Muscle strain</td>
<td>Position body to maintain balance, avoid twisting and overextending.</td>
</tr>
<tr>
<td>2. Align glass with belt sander.</td>
<td>Cutting hand on glass or on moving belt</td>
<td>Use fingertips to handle glass. Don’t hold glass edges.</td>
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<tr>
<td></td>
<td></td>
<td>Keep hands and fingers away from belt. Make sure guards are in place.</td>
</tr>
<tr>
<td>3. Angle glass for contact with belt sander.</td>
<td>Flying glass debris, dust, and water in face and eyes</td>
<td>Wear safety glasses and face shield.</td>
</tr>
<tr>
<td></td>
<td>Belt could break</td>
<td>Control amount of pressure exerted on belt and maintain balance.</td>
</tr>
<tr>
<td></td>
<td>Glass could break, cutting body.</td>
<td>Control amount of pressure exerted on belt and maintain balance.</td>
</tr>
<tr>
<td></td>
<td>Cutting hand on moving belt</td>
<td>Wear rubber apron and on-skid-shoes.</td>
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<tr>
<td></td>
<td></td>
<td>Keep hands and fingers away from moving belt. Make sure guards are in place.</td>
</tr>
<tr>
<td><strong>Required Training:</strong></td>
<td><strong>Required Personal Protective Equipment (PPE)</strong></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>1. Operation of glass belt sander</td>
<td>1. Safety glasses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Face shield</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Non-skid shoes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Rubber apron</td>
<td></td>
</tr>
</tbody>
</table>

**Senior EH&S Technician Jim Ostlick; Glazier Rudy Fuentes**  
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*The development of Job Safety Analyses is a Balanced Scorecard initiative of the AVC-BAS Safety Committee, sponsored by the Associate Vice Chancellor-Business and Administrative Services (AVC-BAS) and the AVC-BAS Leadership Team*  
[http://bas.berkeley.edu/balancedscorecard](http://bas.berkeley.edu/balancedscorecard)