<table>
<thead>
<tr>
<th>Picture of task/equipment:</th>
<th>Task:</th>
<th>Orbital Jig saws</th>
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<tbody>
<tr>
<td></td>
<td>Name of Shop or Dept:</td>
<td>Civil Construction Engineering Management</td>
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<td></td>
<td>Locations(s):</td>
<td>EN3-119 Construction Methods Lab</td>
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<td>Analyzed by:</td>
<td>M. Hom</td>
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<td>Date:</td>
<td>03/10/17</td>
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**Required PPE:**
- Work boots
- Hearing protection
- Safety glasses
- Dust mask

**Required/Recommended Trainings:**
- STF Safety
- Machine Guarding
- Equipment safety precautions

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<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
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| Operating an orbital reciprocating saw | Laceration, Amputation, Struck By, Puncture, Slip, Trip, Fall, Fire | - Don PPE including work boots, gloves, safety glasses. Wear a dust mask if dust or metal shards are generated.  
- Wear hearing protection when noise is present, such as working in a shop or on a construction site.  
- Dress properly. Do not wear loose clothing, jewelry.  
- Ensure the material is secure & well supported.  
- Check the underside of the cut to ensure that the blade will not cause any damage or be obstructed.  
- Keep hair, clothes and gloves away from moving parts.  
- Never use tool if cord is frayed or plug is damaged.  
- To avoid accidental starting ensure hand is not on trigger when plugging the device in.  
- Avoid overreaching by keeping proper footing and balance.  
- Do not force the blade as it can bend and dislodge or break.  
- Take care when cutting curves to ensure that the blade does not twist or bind. - if necessary drill small holes.  
- Always disconnect the device before making any adjustments or changing blades.  
- On completion, wait for the blade to stop moving before lifting the jig saw from the workpiece, and then rest the saw on its side, protecting the blade.  
- If the blade breaks, stop sawing immediately. Switch the machine off & report it to your teacher. |