**Task:** Orbital Reciprocating saws

**Name of Shop or Dept:** Civil Construction Engineering Management

**Locations(s):** EN3-119 Construction Methods Lab

**Analyzed by:** M. Hom

**Date:** 03/10/17

**Required PPE:**
- Work boots
- Hearing protection
- Safety glasses
- Dust mask

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

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<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
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<tr>
<td>Operating an orbital reciprocating saw</td>
<td>Laceration, Amputation, Struck By, Puncture, Slip, Trip, Fall, Fire</td>
<td>• Don PPE including work boots, gloves, safety glasses. Wear a dust mask if dust or metal shards are generated.&lt;br&gt;• Wear hearing protection when noise is present, such as working in a shop or on a construction site.&lt;br&gt;• Dress properly. Do not wear loose clothing, jewelry.&lt;br&gt;• Ensure the material is secure &amp; well supported.&lt;br&gt;• Check the underside of the cut to ensure that the blade will not cause any damage or be obstructed.&lt;br&gt;• Keep hair, clothes and gloves away from moving parts.&lt;br&gt;• Never use tool if cord is frayed or plug is damaged.&lt;br&gt;• To avoid accidental starting ensure hand is not on trigger when plugging the device in.&lt;br&gt;• Avoid overreaching by keeping proper footing and balance.&lt;br&gt;• Do not force the blade as it can bend and dislodge or break.&lt;br&gt;• Avoid operating tool for long periods of time as vibration can occur.&lt;br&gt;• Always disconnect the device before making any adjustments or changing blades.&lt;br&gt;• Only use accessories and blades are designed for the device, do not force blades that do not fit.</td>
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