








# Injury & Illness Prevention Program

## Job Safety Analysis

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	<b>Task:</b>	<b>Circular saws</b>
	<b>Name of Shop or Dept:</b>	Civil Construction Engineering Management
	<b>Locations(s):</b>	EN3-119 Construction Methods Lab
	<b>Analyzed by:</b>	M. Hom
	<b>Date:</b>	03/10/17


**Required PPE:**

Work boots 	hearing protection 	safety glasses 	dust mask 
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**Required/Recommended Trainings:**

STF Safety	Machine Guarding	Equipment safety precautions
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TASK	HAZARDS	CONTROLS
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<p><b>Operating a Circular Saw Power Tool</b></p> 	<p>Laceration Amputation Struck By Puncture Slip Trip Fall Fire</p>	<ul style="list-style-type: none"> <li>Don PPE, including safety glasses, work boots (non-slip soles), Hearing protection and a dust mask when sawdust is present.</li> <li>Keep loose clothing, hair and jewelry away from moving parts to prevent getting caught in blade.</li> <li>Keep hands away from cutting area and blade. Second hand should be placed on handle or over motor to ensure no free hands can come in contact with the blade.</li> <li>Before beginning to cut, adjust blade depth to just past the piece you will be cutting.</li> <li>Never remove the guard.</li> <li>Never attempt to reach under the blade to remove a work piece.</li> <li>Never hold piece to be cut with your hand or across your leg. Instead secure to a stable surface with a clamp or vice grips if small.</li> <li>Never use damaged or incorrect blades, washers or bolts. This can cause injury from flying debris.</li> <li>Never attempt to pull the saw blade out of the work while the blade is still spinning. Ensure it comes to a complete rest before removing from work.</li> <li>When restarting the saw, make sure the teeth are not in contact with the work piece. This can create the blade to “walk up” or kick back.</li> <li>Keep blade aligned with work piece to prevent pinching, binding or twisting this will result in kick back.</li> </ul>
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