

Safe Work Procedure		Chain Saw																																																													
Department / Area: Physical Plant Services	Approved By: Regional Manager of Physical Plant Services	Date Created: September 5 2014	Review Date:  Revised date:																																																												
<b>Potential Hazards:</b> <b>Fill in those that apply</b> <table border="0"> <tr> <td><b>H</b></td> <td><b>M</b></td> <td><b>L</b></td> <td><b>Risk for Injury</b></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Items falling / dropping – wood, branches</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Moving machinery – chain blade</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Repetitive Movements</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Vibration – (hand, arm) increases effects with time</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Sharp points / edges – cuts, saw chain, wood</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Awkward postures – lifting, reaching, bending</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Forceful exertions – using saw, moving wood</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Respiratory – dust, gas</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Chemicals – gas</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Noise – cutting with saw</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Kickbacks</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Flying woodchips can hit operator or bystander</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Surfaces causing falls – trips, slips, unevenness</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Combustibles / flammables - gas</td> </tr> </table>		<b>H</b>	<b>M</b>	<b>L</b>	<b>Risk for Injury</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Items falling / dropping – wood, branches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Moving machinery – chain blade	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Repetitive Movements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vibration – (hand, arm) increases effects with time	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sharp points / edges – cuts, saw chain, wood	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Awkward postures – lifting, reaching, bending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forceful exertions – using saw, moving wood	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Respiratory – dust, gas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemicals – gas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise – cutting with saw	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kickbacks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Flying woodchips can hit operator or bystander	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Surfaces causing falls – trips, slips, unevenness	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Combustibles / flammables - gas	<b>Personal protective equipment / devices required / other safety considerations:</b> <ul style="list-style-type: none"> <li>➤ Face shield</li> <li>➤ Hearing protection</li> <li>➤ Gloves</li> <li>➤ Hard hat</li> <li>➤ Chain saw pants</li> <li>➤ CSA Approved steel-toe footwear</li> <li>➤ Disposable respirator (N95) if dusty conditions</li> <li>➤ Secure loose clothing, hair, jewelry, or draw strings from hoods that could become entangled in tool</li> <li>➤ Long-sleeved shirt</li> </ul>	
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<p><b>Note:</b> Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.</p>																																																															
<p><b>Employers must ensure that workers are trained and follow this safe work procedure.</b>  <b>Steps to perform this task safely:</b></p> <ul style="list-style-type: none"> <li>➤ Ensure any loose fitting clothing, jewelry, drawstrings or long hair are tucked in or contained.</li> <li>➤ Pre-inspect saw for possible defects before using. Check switches, chain guards / catcher, chain slack and condition (see Manufacturer's guidelines).</li> <li>➤ Ensure you know how to operate the chain brake and check that it operates.</li> <li>➤ Visually inspect the area for hazards or obstacles which could be affected by your activities. Complete a pre-felling plan for the tree or branch to be cut.</li> <li>➤ Block off area with signage.</li> <li>➤ When cutting materials, ensure you have a firm stance with stable footing for good balance. Try to keep your back straight. Bend hips and knees rather than bending at the waist.</li> <li>➤ Hold the saw securely with both hands and try not to force the saw when cutting. Keeping the blade sharp and well oiled will reduce cutting effort significantly.</li> <li>➤ Do not saw items over your head.</li> <li>➤ Ensure that your body parts will never be close to or in the path of the saw.</li> </ul>																																																															

- Always ensure the materials you are cutting are secure. Do not use the saw on loose branches or other loose debris lying on the ground.
- Do not attempt to un-jam the saw while it is running.
- Never leave a running saw unattended.
- Ensure the chain brake is engaged when walking or if you set the chainsaw down. Never walk with your finger on the trigger.
- Let machine cool for 10 minutes or according to manufacturer guidelines before refilling it with fuel. Always use an appropriate funnel when refilling. Refuel in an area that is level and has adequate ventilation.