

<b>1 Purpose</b>	To outline the requirements for the safe operation of brush saws.
<b>2 Application</b>	Applies to all NTPC employees and contractors who operate brush saws.
<b>3 Definitions</b>	<ul style="list-style-type: none"> <li>• Nil</li> </ul>
<b>4 References</b>	<ul style="list-style-type: none"> <li>• Owner's manual</li> </ul>
<b>5 Equipment</b>	<ul style="list-style-type: none"> <li>• Properly maintained brush saw</li> <li>• Adequate supply of sharp blades</li> <li>• Tool kit</li> <li>• CSA-approved gas containers</li> <li>• First aid kit</li> </ul>
<b>6 PPE</b>	<ul style="list-style-type: none"> <li>• Harness</li> <li>• High-visibility vest</li> <li>• Coveralls or long-sleeve shirt and pants</li> <li>• CSA-approved Class E hard hat with full-face shield</li> <li>• CSA-approved safety glasses</li> <li>• CSA-approved foot protection</li> <li>• Work gloves</li> <li>• CSA-approved hearing protection</li> </ul>
<b>7 Training</b>	<ul style="list-style-type: none"> <li>• Brush saw operator training <ul style="list-style-type: none"> <li>○ Formal training involving presentation and hands-on components specific to the type of work: <ul style="list-style-type: none"> <li>▪ Safe use of brush saws.</li> <li>▪ Current brush saw safety standards and features.</li> <li>▪ Brush saw maintenance.</li> <li>▪ Brush saw safety devices.</li> <li>▪ Personal protective equipment.</li> </ul> </li> </ul> </li> </ul>
<b>8 Work Practice</b>	<p><b>Before Starting Brush Saw</b></p> <ul style="list-style-type: none"> <li>• Ensure a safe work area.</li> <li>• Ensure that all guards are fitted, secure, and functional.</li> <li>• Inspect blade for damage or cracks.</li> <li>• Adjust the handles to a comfortable position that provides good balance.</li> <li>• Ensure the brush saw is attached properly to the harness.</li> <li>• Adjusted the harness so that if the brush saw is allowed to</li> </ul>

hang free the blade does not contact the ground.


- Do not use a brush saw if it is not working properly or has damaged, loose, or missing parts.
- Fuel the brush saw in a safe place away from open sources of ignition. Smoking is prohibited while refuelling.
- Move at least 3 meters away from the fueling area before starting the brush saw.
- Inspect the brush saw for fuel leaks. Do not operate if leaks are noticed.

#### **Starting Brush Saw**

- Ensure that the blade is in a clear area and cannot contact the ground or any other obstruction.
- The blade must never rotate while the engine is idling.
- Never leave the brush saw running unattended.

#### **Operating Brush Saw**

- Warm up the saw prior to cutting.
- Always ensure footing is secure and stance is well-balanced.
- The muffler side of the engine must be away from the operator's body.
- Know the location of other workers in the area at all times
- Maintain a safe limits of approach 5 m from other workers during chainsaw operations.
- Brush saws must be turned off prior to the limits of approach being entered.
- Operate the brush saw with a firm two-handed grip with fingers and thumb surrounding the handles. Keep both feet firmly positioned when operating a brush saw.
- Do not raise the blade above knee height.
- Use thigh and leg muscles to move the saw.
- Take regular breaks to avoid fatigue.
- Stop the engine and check for damage immediately when a foreign object is struck.
- After shutting down the engine keep body parts and any objects away from the blade until rotation stops.
- Brush saw repairs and maintenance shall not be done while the motor is running.

	<b>Safe Work Practice:</b> Brush Saw Operation	Page 3 of 4
	<b>Monitor:</b> Director, Transmission & Distribution	SWP #: 3.02

	<b>Storage &amp; Transport</b> <ul style="list-style-type: none"> <li>• Always store the brush saw in a safe, clean, and tidy area.</li> <li>• Secure the brush saw during transport and never transport in the passenger compartment of a vehicle.</li> </ul>
<b>9 Documentation</b>	<ul style="list-style-type: none"> <li>• Brush saw training records</li> </ul>

**Development**

<b>Name</b>	<b>Position</b>	<b>Date</b>
Prepared by: J. Clark	Environmental Analyst	May 23, 2013
Reviewed by: S. McClinchey	Manager, Transmission & Distribution	May 27, 2013
Approved by: D. Duncan	Director, Transmission & Distribution	Jun. 03, 2013

**Revision History**

<b>#</b>	<b>Revised Sections</b>	<b>Description of Revisions</b>	<b>Revised by (name, position)</b>	<b>Approved by (name, position)</b>	<b>Issue Date</b>
01					
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