

Safe Work Instruction	Issue date: 14/10/10
Power Saws	Review date: 31/08/13

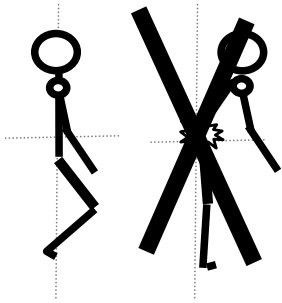

Document no. SMS-06-SW-0483	Work description Use of power saws		
	Scope Applies to all power saws		
Review date 11/03/10	References OHS Reg 2001 Chapter 5 SMS-06-PR-0225 Plant SMS-06-GD-0403 Plant Risk Assessment		
Responsible supervisor <i>Insert name in BLOCK letters</i>	PPE and precautions	Competencies or qualifications	Licences or permits required
	<ul style="list-style-type: none"> Safety glasses Hearing protection – everyone must wear hearing protection within 5 metres of the saw Long sleeved shirt – Make sure you have no loose clothing that can be caught in the saw Safety boots 	Trained and competent in the use of the specific power saws. Backsafe instruction	N/A
Tools and equipment required			
Power saw			
IF CONTROL MEASURES ARE NOT SUITABLE AND MAJOR CHANGES ARE NEEDED, CONDUCT A RISK ASSESSMENT AND DEVELOP NEW CONTROLS ACCORDING TO SMS-06-SR-1479 OHS RISK MANAGEMENT .			



Warning

Don't smoke when using the power saw.

Site / job planning	<ul style="list-style-type: none"> Place the first aid kit and fire fighting gear nearby. Follow all worksite procedures eg. induction, Pre-Work Brief. Conduct your own hazard assessment – consider the job, the environment and the weather (eg. The risk of hearing damage is higher in confined spaces). Clear the worksite in a 3 metre radius from the saw – fuels, people, site equipment and anything flammable must be kept well away. For petrol powered saws: <ul style="list-style-type: none"> keep fuels, people, site equipment and anything flammable well away keep Material Safety Data Sheets (MSDS) for fuels and lubricants on site special ventilation is needed in tunnels and confined spaces – poisonous Carbon Monoxide can build up if the correct precautions are not taken.
Pre-operational checks	<ul style="list-style-type: none"> Check the condition of the blade and saw. Don't use if they're damaged. Replace the damaged blade, or tag the saw and repair ASAP. Check that the motor is switched off before changing the blade or for any maintenance. Check that the blade is secure. Use the appropriate tool to tighten the chuck – it should be kept with the saw at all times.

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Setting up	<ul style="list-style-type: none"> Turn off the saw before connecting it to the power source. If you are using a plug-in saw, make sure that the power lead and extension is securely plugged in and is not a trip hazard. Only use power leads that have been checked and tagged by an electrician. Make sure you check the date; if the tag is out of date, do not use the lead – replace it with one that has a valid tag. Check that the immediate area is clear. Keep people and flammable items well out of the way. Use the correct manual handling techniques when lifting the saw. 	 <p>When lifting the saw - bend at the knees. Keep your elbows in and back straight</p>
Using the saw	<ul style="list-style-type: none"> Check the precautions to take when a blade becomes damaged or jams when you are using it. <p>Always:</p> <ul style="list-style-type: none"> check the Manufacturer's Instructions for the model you are using if you are unfamiliar with it – there may be safety critical differences to the one you are used to support the work piece to stop it moving while you are sawing make sure that the blade guard is in the correct position before you start keep any power leads well out of the way of the cutting area start and stop the saw according to the Manufacturer's Instructions. 	
Refuelling petrol operated saws	<ul style="list-style-type: none"> Turn off the saw before adding fuel. Have good ventilation when refuelling or mixing fuels. NEVER start the saw if there is fuel spilt on it or if there is a leak in the fuel system. If there is fuel on your clothes, change them before starting the saw. Only use the correct fuel for the saw – it should be kept in an open area away from possible sources of flames or sparks. 	
Care and storage	<ul style="list-style-type: none"> Use the correct manual handling techniques when lifting or moving the saw. Always remove the blade after you've finished – store the blades in a storage box on a flat surface in a in a dry location with a steady temperature. If you are using a battery powered saw, make sure the battery is charged before you put it away. 	
Inspection and maintenance	<ul style="list-style-type: none"> Conduct maintenance as per the Manufacturer's Specifications. Get an authorised dealer to do any repairs or checks/alterations to the motor settings. Maintain inspection and test records in accordance with SMS-16-SR-0057 Inspection and Testing and SMS-05-SR-0027 Records Management. 	
Additional controls		