

Task Risk Control Sheet

Use of Chainsaws

RCS No: NR/L3/MTC/RCS0216/SP02
Issue: 3

Key Risks !

- Fuelling / Fumes
- Ejected Particles
- Contact with saw blade
- Noise

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	✓
Property	✓

Tools / Equipment

Chainsaws

Plant

None

Key Risks	Controls	Implemented By
Pre Use Checks; Damaged or defective chainsaw causing injury	<ul style="list-style-type: none"> • A planned preventative Maintenance programme shall be in place • Use trained and competent operators • Conduct Pre use inspection of equipment including check against inspection date 	Line Manager Team Leader Staff
Fuelling of Chain Saws	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 - Decanting Fuel and Fuelling Small Plant • Fuelling shall be performed at least 10 metres from work area • No smoking or naked flames shall be permitted within 10 metres • Use approved containers for fuel • Switch off engine and allow tool to cool before re-fuelling • One 2Kg Dry Powder fire extinguisher shall be available when fuelling 	Team Leader / All Staff / COSS
Noise	<ul style="list-style-type: none"> • Ear protection shall be worn at all times when working with chainsaws • The noise level at the operators ear is 109dB • Hearing protection shall be worn by any non-operators within 15m of chainsaw operations • Switch off the plant when not in use 	All Staff
Struck by flying particles (dust, chipping, splinters)	<ul style="list-style-type: none"> • Use Personal Protective Equipment including: <ul style="list-style-type: none"> ➢ Metal mesh visor to BS EN 1731 • Follow instructions in the COSHH Manual • Arrange an exclusion zone to prevent injury to others 	All Staff Team Leader
Contact with saw blade	<ul style="list-style-type: none"> • Use trained and competent operators for the task being undertaken • Use Personal Protective Equipment including: <ul style="list-style-type: none"> ➢ Metal mesh visor to BS EN 1731 ➢ Chainsaw gloves to BS EN 381-7 Class 0 ➢ Protective boots to BS EN ISO 20345 ➢ Chainsaw clogging trousers to BS EN 381-5 • Never overreach when using chainsaw and never cut anything above shoulder height • Chainsaw blade shall be sheathed when not in use • Arrange an exclusion zone to prevent injury to others • First aid kit shall be on site at all times 	Line Manager /Team Leader All Staff

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Vibration	<ul style="list-style-type: none"> Rotate staff to reduce exposure or include rest periods as required Use gloves to EN381-7 to keep hands warm during operations Example amounts of work to meet EAV & ELV:- <ul style="list-style-type: none"> EAV :3 hrs Trigger Time ELV : 8 hrs Trigger Time Refer to SMF/SE/0311 Small Plant HAVS Data Sheets for further information 	Team Leader/ Staff																		
KICKBACK	<ul style="list-style-type: none"> To avoid increased risk of kickback the chainsaw shall not be used to cut in the shaded area shown in the picture below 	Staff																		
Darkness / Poor Visibility	<ul style="list-style-type: none"> Where possible all work shall be performed during daylight Suitable and sufficient lighting shall be provided see guidance below See Task Control Sheet NR/L3/MTC/RCS0216/SP16 - Use of Site Lighting Any site lighting shall be installed clear of path of machine and attachments Lighting levels shall be suitable & sufficient for the activity and reviewed to check moving parts of the chainsaw are visible to the operator at all times – see guidance below 	All Staff																		
<p>In line with the HSE Guidance 38, Lighting at Work, the following minima and average lighting levels shall be established for the various activities involved, this is the definition of suitable and sufficient for the purposes of this document.</p> <table border="1"> <thead> <tr> <th>Activity</th><th>Minimum Lighting Level</th><th>Average Lighting Level</th></tr> </thead> <tbody> <tr> <td>Site access</td><td>5 Lux</td><td>5 Lux</td></tr> <tr> <td>Site preparation</td><td>20 Lux</td><td>50 Lux</td></tr> <tr> <td>Chipping</td><td>20 Lux</td><td>50 Lux</td></tr> <tr> <td>De-veg activities (inc chain saw) at ground level</td><td>50 Lux</td><td>100 Lux</td></tr> <tr> <td>Tree climbing and use of chain saws at height</td><td>100 Lux</td><td>200 Lux</td></tr> </tbody> </table> <p>Achieved lighting levels shall be checked using a light meter at the point of activity prior to work commencing.</p>			Activity	Minimum Lighting Level	Average Lighting Level	Site access	5 Lux	5 Lux	Site preparation	20 Lux	50 Lux	Chipping	20 Lux	50 Lux	De-veg activities (inc chain saw) at ground level	50 Lux	100 Lux	Tree climbing and use of chain saws at height	100 Lux	200 Lux
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