

Task Risk Control Sheet

Maintain Vegetation – Motor Manual – Tree Felling

RCS No: NR/L3/MTC/RCS0216/OT13
Issue: 3

Key Risks !

- Struck by Train
- Struck by falling tree/material
- Manual Handling
- Underfoot Conditions
- Work with chain saws

Personnel Involved

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

Tools / Equipment Chainsaws, Hand Tools

Plant None

ALL WORK USING MECHANIZED TOOLS ON OR NEAR THE LINE SHALL BE UNDERTAKEN IN A GREEN ZONE

Key Risks	Controls	Implemented By
Trains	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line • Work shall be performed in green zones 	All Staff
Underfoot conditions	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GH02 – Underfoot Conditions • Tools and other materials shall be kept in a designated safe place so as not to become a trip hazard • Conduct pre-site survey to assess ground conditions and brief all staff on hazards • Check on usage of land and conditions, especially significant changes in elevated gradient • Monitor conditions on an ongoing basis; if circumstances change, especially significant changes in gradients or heights, cease work and review safe system of work 	All Staff
Re-fuelling – Fire, Explosion	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 – Decanting Fuel and Fuelling Small Plant • Re-fuelling shall take place a minimum of 10 metres from the work area 	Team Leader/All Staff
Manual Handling	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling • When using a breaking bar to lever over a tree, keep your back straight, using your legs to lift • The correct stance shall be employed when roping trees • Plan the work to minimise manual handling 	All Staff
Use of Hand Held Power Tools and Chainsaws	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/SP02 - Use of chainsaws - eye protection mesh visor to BE EN1731 and chain saw clogging trousers to BS EN 381-5 Class C Type 1 shall be worn • See Risk Control Sheet NR/L3/MTC/RCS0216/SP04 - Use of Hand Held Power Tools • Blade shall be sheathed when not in use 	All Staff
Noise and Vibration	<ul style="list-style-type: none"> • Use appropriate ear protection • Tasks/jobs shall be rotated where sufficient trained/competent staff are available • See small plant Noise/Havs data sheet appendix A Small Plant 	All Staff

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Lone Workers	<ul style="list-style-type: none"> Although the operation of the felling itself is a one-person operation, lone working is not permitted 	Line Manager
Felling	<ul style="list-style-type: none"> A minimum exclusion zone of at least 2 lengths of the tree to be felled shall be maintained at all times Felling is a one man operation. All other staff shall be clear of the exclusion zone. Staff roping the tree shall be outside of the exclusion zone when the felling takes place Guy lines shall be attached to control fall of vegetation Do not use unprotected parts of the body as an anchor point (ie use chain saw cuffs to protect wrists/arms) Do not commence felling if wind or other weather conditions mean control over the felling direction may be lost Clear any materials or vegetation that may obscure the operation prior to commencing felling. Be aware of your escape routes prior to commencing felling A Qualified First Aider shall be present on site 	All Staff
Felling near to Live OLE Electrocution by: - Loss of control of trees / equipment Contact / close proximity	<ul style="list-style-type: none"> Advise ECR about close proximity tree felling / vegetation clearance before work commences Where there is a risk of debris from vegetation clearance falling within 2.75 meters (nine feet) of live OLE then these lines shall be isolated and earthed and a Form C issued prior to work commencing If it is a return conductor that is of concern this shall be earthed and an RC permit issued without the need for a full isolation. A site specific assessment shall be undertaken Work shall be undertaken following the guidance given in Sections 17 to 19 inclusive of AFAG804 – Electricity at work – Forestry and Arboriculture See Risk Control Sheet NR/L3/MTC/RCS0216/GA21 - Working Near Electrical Overhead Line Equipment 	Supervisor / team leader Team Leader
All Tasks including: <ul style="list-style-type: none"> Contact with thorns, brambles, wire fencing, etc Being struck by objects Snake bites, stings Contact with OHLE or DC electrified line or utility services Snedding(Rem oval of limbs from trees) 	<ul style="list-style-type: none"> Wear eye protection to BS EN166.B, protective clothing, such as non-snag outer clothing and gloves Stand clear of falling branches when pruning Perform a Pre-site survey to check for hazards such as snakes, bee or wasp nests See Risk Control sheets NR/L3/MTC/0001/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5, See Risk Control Sheet NR/L3/MTC/0001/GA21 - Working Near Electrical Overhead Line Equipment Perform a pre-site survey to identify utility services – where necessary they shall be protected moved or isolated Check for dangerous weeds such as giant hogweed, Himalayan balsam. <ul style="list-style-type: none"> When the 'snedding' activity takes place an exclusion zone of 5 metres from the felled tree should be implemented, only the chainsaw operator is permitted in this area. All other members of staff are prohibited to enter the exclusion zone because of the potential of the felled tree rolling 	All Staff Team Leader / Chainsaw Operator