

Task Risk Control Sheet

Maintain Vegetation – Motor Manual – Cutting/Pruning

RCS No: NR/L3/MTC/RCS0216/OT14
Issue: 5

	<ul style="list-style-type: none"> Struck by Train Manual Handling Underfoot Conditions Work with chainsaws Work with hand tools 	Personnel Involved	E&P	
			S&T	
			Track	
			Off Track	✓
			Property	✓

Tools / Equipment Chainsaws, Saws, Hand Tools

Plant None

**ONLY WORK USING NON-POWERED HAND TOOLS SHALL BE UNDERTAKEN IN A RED ZONE
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, where possible, shall be performed in green zones Where red zone working is used then specialist ear protection shall be provided for use with clearing machines to enable the lookout's horn to be heard 	All Staff
Underfoot conditions	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH02 – Underfoot Conditions Arisings shall be cleared as work progresses Hand tools, etc shall be kept in a safe place so they do not 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 elevated gradient or height, cease work and review safe system of work 	All Staff
Manual Handling	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling Check that the weight of the saw is spread evenly over both shoulders and that the blade hangs straight in front of you When using hand tools, a firm stance is to be maintained. You shall maintain sufficient clear, unimpeded space to swing the cutting tool safely 	All Staff
Lone Workers	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/ GA05 – Lone Working 	Line Manager / All Staff

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Darkness / Poor Visibility	<ul style="list-style-type: none"> Where possible all work shall be performed during daylight Where not possible suitable and sufficient lighting shall be provided see guidance below See Risk Control Sheet NR/L3/MTC/RCS0216/SP16 – Use of Site Lighting Lighting should be reviewed during the activity so that moving parts of power tools are visible to the operator at all times 	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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Tree Climbing/ Working at Height	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH04 – Working at Height A Qualified first aider shall be present You shall be trained in tree climbing operations A minimum of 2 staff shall be present. One shall be trained as groundsman/aerial rescue and designated as such All staff shall be physically fit to perform these duties. Any problems that may affect this shall be reported to your line manager You shall be aware of the different characteristics of different tree species Tree(s) shall be surveyed and assessed prior to climbing An exclusion zone shall be set up around the site of work A certified & tested harness & rope or a full fall arrest system, made up of a full body harness and an energy absorber shall be used Leg protection shall be used in addition to all other PPE If using ropes, these shall be of the approved type – if unsure, ask your line manager If using ladders, see Risk Control Sheet NR/L3/MTC/RCS0216/GH04 – Working at Height Section C If using climbing irons any climber shall be secured to the tree with a climbing rope and strops. If using a chainsaw, a wire or wire-reinforced strop shall be used All items of climbing equipment shall be used according to the manufacturers instructions and checked before use on every occasion Anchor points shall be assessed for suitability for the intended purpose Equipment shall be transferred to the climber using the climbing rope or a separate tool line 	All Staff																		