

Task Risk Control Sheet

Maintain Vegetation – Motor Manual – Stump Grinding

RCS No: NR/L3/MTC/RCS0216/OT12
Issue: 3

Key Risks !

- Struck by Train
- Struck by flying object
- Contact with machinery
- Manual Handling
- Underfoot Conditions

Personnel Involved

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

Tools / Equipment - Grinder

Plant - Stump Grinder

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 	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/distributed as work progresses • 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
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

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.

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

Achieved lighting levels shall be checked using a light meter at the point of activity prior to work commencing.

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Manual Handling	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling 	All Staff
Surface Cables	<ul style="list-style-type: none"> If any surface cables are identified during the work, notify the Person in Charge and Infrastructure fault control 	All Staff on site
Buried Services	<ul style="list-style-type: none"> If any excavation is required a full buried services search is required prior to digging See Risk Control Sheet NR/L3/MTC/RCS0216/SP05 – Use of Cable Avoidance Tool (CAT) See Risk Control Sheet NR/L3/MTC/RCS0216/GA08 – Ground Penetration and Excavation 	Line Manager All Staff on site
Use of Hand Tools	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/SP04 – Use of Hand Held Power Tools Tools shall only be used by those trained and competent in their use Tools shall be stored correctly and kept clean Damaged tools shall not be used 	All Staff on site
Use of Stump Grinder	<ul style="list-style-type: none"> Check machine is mounted on a firm surface and is stable with adequate stable ground for operators to stand on Check adequate ventilation Set up an exclusion zone, using additional control measures as required Machine shall only be operated by those trained and competent in their use Pre-use checks shall be carried out checking safety guards and attachments are securely fixed in position as well as checking the equipment is within its inspection/service dates Do not touch any moving parts when the engine is running Shut down, remove engine key and secure before leaving or transporting machine 	All Staff
Fuelling of Plant: <ul style="list-style-type: none"> Fire / Explosion Contact with fuel 	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 – Decanting Fuel and Fuelling of Small Plant 	All Staff
All Tasks including: <ul style="list-style-type: none"> Being struck by objects Snake bites, stings Contact with OHLE or DC electrified line or utility services 	<ul style="list-style-type: none"> Wear eye protection to BS EN166.B (goggles or Visor), protective clothing, such as non-snag outer clothing and gloves Perform a Pre-site survey to check for hazards such as snakes, bee or wasp nests See Risk Control sheets NR/L3/MTC/RCS0216/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5, See Risk Control Sheet NR/L3/MTC/RCS0216/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. 	All Staff
Lone Workers	<ul style="list-style-type: none"> Lone working shall not be permitted when stump grinding 	Line Manager/All Staff