

Task Risk Control Sheet

Use of Power Liner

RCS No: NR/L3/MTC/RCS0216/SP29
Issue: 1

Key Risks !

- Struck by Trains
- Electrocution
- Slips Trips and Falls

Personnel Involved

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

Tools / Equipment

Plant | Generator | Power Liner

Key Risks	Controls	Implemented By
Pre use checks - Faulty Equipment	<ul style="list-style-type: none"> • Implement a planned preventative maintenance system • Visually check all equipment for damage prior to use and check equipment is within its inspection date. • Check engine and hydraulic oil levels before use • Do not use damaged, defective or out of date equipment, hoses, connectors 	Section Manager Team Leader / All Staff
Struck by train	<ul style="list-style-type: none"> • See risk Control Sheet NR/L3/RCS0216/GA01 – Work on or near the Line • Only use Power Liners in a possession 	COSS
Incorrect Use of Equipment	<ul style="list-style-type: none"> • Only staff briefed and trained in the operating techniques for the Power Liner shall use the equipment. • Dust masks and eye protection to BS EN166.Fshall be worn at all times when equipment is being operated 	Line Manager / Team Leader / All Staff
Electrocution	<ul style="list-style-type: none"> • See risk control sheet NR/L3/MTC/RCS0216/GA21 – Working near electrical overhead line equipment • See risk control sheet NR/L3/MTC/RCS0216/GA20 – Working adjacent to Electrified Rails • Obtain an Isolation for work in DC electrified areas 	Section Manager / Team Leader / COSS
Adverse Weather	<ul style="list-style-type: none"> • See risk control sheet NR/L3/MTC/RCS0216/GA01 – Work on or near the line Section B Adverse Weather 	Team Leader / COSS
Manual Handling	<ul style="list-style-type: none"> • A minimum of two men are required for lifting equipment • One man in team shall control lifting using pre briefed instructions • See risk control sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling • Do not use paint and hydraulic hoses to lift/drag equipment 	Team Leader / All Staff
Slips, Trips and Falls	<ul style="list-style-type: none"> • See risk control sheet NR/L3/MTC/RCS0216/GH02 – Underfoot conditions • When using in ice or snow check underfoot conditions with additional care 	Staff

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Entrapment	<ul style="list-style-type: none"> Wear gloves or suitable hand protection when connecting the equipment and during operation Only trained staff shall assemble the equipment 	All Staff
Use of paints/oils – COSHH	<ul style="list-style-type: none"> Familiarise yourself with COSHH information prior to starting work Store all paints and oils in accordance with COSHH information Do not store paints/oils on site between shifts Keep Paints/Chemicals on site to a minimum If paint comes into contact with skin, wash off as soon as possible No smoking 	Team Leader
Paint Hydraulic Oil and Hydraulic Oil Injection	<ul style="list-style-type: none"> Do not use the Paint or Hydraulic Hoses to move the Power Pack/hand pump or Hydraulic Rams. Do not allow the hoses to kink, twist, curl or bend. Do not allow the hoses to come into contact with corrosive substances such as oil Keep all couplings clean. Replace covers after use Release pressure and purge lines before un-coupling Do not store hydraulic pipes in direct sunlight Never use your hand to grab a leaking hose under pressure If a leak occurs stop pumping or turn the pump off and remove the pressure Use barrier cream or latex type gloves to protect the skin from hydraulic oil 	Team Leader / 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 for fuelling small plant Turn off generator and allow to cool prior to re-fuelling Perform fuelling at least 10 metres from other work areas ie. Welding, grinding etc. No smoking or naked flames within 10 metres Use approved containers for fuel 	Team Leader
Noise	<ul style="list-style-type: none"> Wear correct ear defenders Set up safe warning system (ie: Touch Lookout) 	All Staff COSS
Vibration	<ul style="list-style-type: none"> Rotate staff to reduce exposure or include rest periods as required Gloves may help to prevent vibration injury by keeping hands warm and dry. Anti vibration gloves are not a control factor EAV & ELV times on tools <ul style="list-style-type: none"> EAV: 0 Hrs 54 Mins. ELV: 3 Hrs 36 Minutes Hours <p>Refer to SMF/SE/0311 Small Plant HAVS & Noise Data Sheets for further information</p>	Team Leader