

Task Risk Control Sheet

Use of Powered Tirfor & Dynafor

RCS No: NR/L3/MTC/RCS0216/OLE16
Issue: 2

Key Risks!

- Equipment failure
- Hydraulic Oil
- Fire

Personnel Involved

E&P	✓
S&T	
Track	
Off Track	
Property	

Tools / Equipment

Powered Tirfor and Dynafor (Remote tension meter) and associated Generator
Approved OLE Lifting tackle Equipment

Plant

None

Key Risks	Controls	Implemented By
Pre use checks - Faulty Equipment	<ul style="list-style-type: none"> • Implement a planned preventative maintenance system for the equipment 	Line Manager / Section Manager
	<ul style="list-style-type: none"> • Visually check all equipment for damage prior to use and check equipment is within its inspection date. • Do not use damaged, defective or out of date equipment, hoses or connectors. 	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 	COSS
Incorrect Use of Equipment	<ul style="list-style-type: none"> • Only staff briefed and trained in the operating techniques for the OLE powered Tirfor shall use the equipment 	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 	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"> • Minimum of two man operation applies for this equipment • See risk control sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling • Do not use 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
Noise	<ul style="list-style-type: none"> • Wear correct ear defenders • Set up safe warning system (ie: Touch Lookout) 	All Staff COSS
Entrapment	<ul style="list-style-type: none"> • Wear gloves or suitable hand protection • Only staff trained in the fitting of the power ram and or fitting of conductor clamps shall assemble the equipment 	All Staff

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Hydraulic Oil and Hydraulic Oil Injection	<ul style="list-style-type: none"> Do not use the Hydraulic/Paint 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 work area No smoking or naked flames within 10 metres Use approved containers for fuel 	Team Leader

PPE Required by NR / Maintenance Policy

				<p>If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed.</p> <p>This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.</p>
Wear Head Protection	Wear Foot Protection	Wear Hi Visibility Clothing	Wear Safety Glasses to BS EN166.F	

Additional PPE Required by Task Risk Control Sheet

						
Wear Hand Protection	Wear Safety Glasses to BS EN166.F	Wear Hearing Protection				