

Task Risk Control Sheet

Working with on Track Machines

RCS No: NR/L3/MTC/RCS 0216/GA18
Issue: 2

Key Risks !

- Struck by Machine
- Struck by Train
- Noise

Personnel Involved

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

Machine

New Track construction machine

Tamper

Stone Blower

Ballast Regulator

Ballast Cleaner

Grinding Machine

Key Risks	Controls	Implemented By
Struck by machine	<ul style="list-style-type: none"> • The PICOP and OTM driver shall reach a clear understanding regarding movements of machine • At each marker board only the ES shall give permission for the machine to enter the worksite • The ES shall establish where the OTM is required to set up for work • The COSS shall establish and brief to all staff the safe system of work to be adopted including <ul style="list-style-type: none"> • Isolation limits obtained • Protection arrangements for adjacent lines • An exclusion zone of 3 meters for staff not working on the machine • Any changes to the arrangements for safe working shall be briefed to all staff prior to the changes being implemented • Machine horn to be sounded prior to movement and when changing direction of travel 	PICOP /OTM ES COSS Machine Operator/driver
Struck by Train	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line • The COSS shall brief to all staff on the lines open to traffic and the line speed – and the position of safety to be used. • A lookout shall be appointed, if necessary, to maintain staff safety 	COSS
Noise	<ul style="list-style-type: none"> • Ear Protection shall be worn within the hearing protection zone 	Staff
Work in Tunnels Dust/Fumes	<ul style="list-style-type: none"> • COSS shall brief all staff on the SSOW for the work within the tunnel including the limits of the exclusion zone • COSS shall clear all staff from within the tunnel prior to any change of direction of the machine • No machine movements shall commence until the COSS has given permission • Prior to movement the machine operator shall sound the horn • The machine operator shall remain with the machine at all times • Staff shall wear appropriate PPE (Masks/ Ear Defenders etc) and remain outside the exclusion zone 	COSS COSS/Machine Operator Machine Operator All Staff

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Key Risks	Controls	Implemented By
Dust and Silicates	<ul style="list-style-type: none"> Where the ballast is disturbed staff in the vicinity shall wear dust masks and eye protection. 	Staff
Lasers	<ul style="list-style-type: none"> Lasers on machines shall be screened/shielded 	Machine Operator
Work in Darkness	<ul style="list-style-type: none"> Adequate lighting shall be provided Staff shall be issued with Cap/hand lamps See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line 	Planning Team Leader
Poor Visibility; Dust/Smoke- Slips Trips Falls	<ul style="list-style-type: none"> Excessive dust shall be reported to the machine operator via the COSS/ES, Dampen down work site, if possible, to reduce dust levels 	Staff Machine Operator
Fire from sparks emitted by rail grinder	<ul style="list-style-type: none"> Site shall be cleared of flammable material prior to work commencing. Fire extinguishers shall be available on site Spark guards shall be fitted and checked prior to work commencing 	Team Leader Machine Operator

PPE Required by NR / Maintenance Policy

 <p>Wear Head Protection</p>	 <p>Wear Foot Protection</p>	 <p>Wear Hi Visibility Clothing</p>	 <p>Wear Safety glasses to BS EN166.F</p>	<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. This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.</p>
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Additional PPE Required by Task Risk Control Sheet

 <p>Wear Hand Protection</p>	 <p>Wear eye Protection BS EN166.F</p>	 <p>Wear Hearing Protection Ear Muffs</p>	 <p>Wear Dust Mask Disposable Respirator</p>			
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