


# Task Control Sheet

## Working with On Track Machines Tamper, Ballast Regulator, Stoneblower

TCS No: TCS001  
Issue: 1

 <p><b>Key Risks!</b></p>	<ul style="list-style-type: none"> <li>• Struck by machine</li> <li>• Struck by train</li> <li>• Infrastructure Damage</li> <li>• Noise</li> <li>• Work in tunnels</li> <li>• Lasers</li> <li>• Work in Darkness</li> <li>• Work in Electrified areas</li> </ul>	<p><b>Personnel Involved</b></p>	E&P	✓
			S&T	✓
			Track	✓
			Operators	✓
			Property	





Plant / Engineering Train	Tamper	Ballast Regulator	Stoneblower
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Key Risks	Controls	Implemented By
Struck by machine	<ul style="list-style-type: none"> <li>• The PICOP and OTM driver shall reach a clear understanding regarding the movements, noting the PICOP has responsibility for all movements of all machines within the possession.</li> <li>• At each marker board only the ES shall give permission for the machine to enter the worksite.</li> <li>• The ES shall establish where the OTM is required to set up for work.</li> <li>• The COSS shall establish and brief to all staff the safe Work Pack (SWP) to be adopted including:               <ul style="list-style-type: none"> <li>Isolation limits obtained</li> <li>Protection arrangements for adjacent lines</li> <li>An exclusion zone of 10 metres for staff not working on the machine.</li> <li>Any additional movements within the worksite.</li> </ul> </li> <li>• Any changes to the arrangements for safe working shall be briefed to all staff prior to the changes being implemented.</li> <li>• The Machine horn shall be sounded prior to movement and when changing direction.</li> <li>• ES shall confirm that prior to them starting work the OTM Operator receives an appropriate safety brief for their role and activities within the worksite.</li> </ul>	PICOP/OTM  ES/SWL2  COSS / SWL   Machine Operator/Driver  ES / SWL2
Struck by train	<ul style="list-style-type: none"> <li>• The SWL shall brief to all staff on the lines open to traffic and the line speed – and the position of safety to be used.</li> <li>• An adequate pre-planned SWP shall be produced to maintain staff safety.</li> <li>• Should access be required to the side of the machine adjacent to the line open to traffic, an appropriate SWP shall be pre-planned to accommodate appropriate line blockage requirements agreed with the signaller.</li> <li>• The OTM crew shall set any limit switches and/or barriers prior to work commencing.</li> </ul>	COSS / SWL   Machine Operator/Driver
Infrastructure Damage	<ul style="list-style-type: none"> <li>• Obstructions shall be identified and marked in accordance with the following standards:               <ul style="list-style-type: none"> <li>• NR/L3/TRK/3241 - Marking of track for tamping machines</li> <li>• NR/L3/TRK/3242 - Marking of track for stoneblowing machines</li> </ul> </li> </ul>	TGS


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<b>Noise</b>	<ul style="list-style-type: none"> <li>• Correct use of authorised PPE, including approved and appropriate hearing protection.</li> <li>• Observe the agreed Exclusion zone.</li> </ul>	All Staff
<b>Work in tunnels</b>	<ul style="list-style-type: none"> <li>• The SWL shall brief all staff on the SWP for the work within the tunnel including the limited of the exclusion zone.</li> <li>• A Risk Assessment shall be undertaken to assess air flow in the tunnel versus the production of dust and fumes by the machine. Where appropriate ventilation shall be provided.</li> <li>• Egress - A Risk Assessment shall be undertaken for emergency evacuation in the event of an emergency such as fire or injury.</li> <li>• Risk Assessment shall be undertaken as to the proximity of the work to Electrical Conductors and isolations taken as appropriate.</li> </ul>	COSS / SWL  Work Planner
<b>Lasers</b>	<ul style="list-style-type: none"> <li>• Screen/shielded lasers on machines.</li> </ul>	Machine Operator/Driver
<b>Work in darkness</b>	<ul style="list-style-type: none"> <li>• Adequate lighting shall be provided by the machine for work around the machine.</li> <li>• Staff shall be issued with head torch/ hand lamps.</li> </ul>	Machine Operator/Driver All Staff
<b>Dust</b>	<ul style="list-style-type: none"> <li>• A Risk Assessment shall be undertaken to establish what PPE is required.</li> </ul>	COSS/ Machine Operator/Driver
<b>Work in Electrified areas</b>	<ul style="list-style-type: none"> <li>• The SWL shall confirm the appropriate isolation has been taken prior to any work commencing. The SWL shall be able to demonstrate to the OTM crew that the conductor rail has been isolated prior to any work commencing.</li> <li>• The SWL will provide evidence of all isolations (permits) when briefing staff.</li> </ul>	COSS / SWL

## PPE Required by NR / Maintenance Policy

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

## Additional PPE Required by Task Risk Control Sheet

						
<b>Wear Hand Protection suitable for the task</b>	<b>Wear Face fitted FFP3 RPE</b>	<b>Wear hearing protection</b>				