

Task Risk Control Sheet

Use of a Mini Tamper

RCS No: NR/L3/MTC/RCS0216/MP18
Issue: 2

Key Risks !

- Struck by Train (2)
- Electrocution (9)
- Communication (12)
- On / Off Tracking
- Struck by Machine
- Working under Machine

Personnel Involved

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

Tools / Equipment None

Plant Mini Tamper (GWS, Minima, Brad)

Key Risks	Controls	Implemented By
Key Use & Control of OTP	• See Risk Control Sheet NR/L3/MTC/RCS0216/ MP01 - Use and Control of OTP 1, 2, 9 and 12	
Unloading or loading from road vehicle including: Failure of hydraulic lifting equipment	• All lifting operations shall be performed in accordance with Task Risk Control Sheets • A 30m exclusion zone shall be created and maintained when lifting and lowering mini tamper • Specified lifting frame shall be used where applicable (GWS75) • A Lifting Plan shall be created and adhered too. • Hand protection shall be worn	Machine controller / operator / crane controller
On / Off Tracking	• On / off-tracking shall be done only on level track	Machine controller
Erection of Stillage	• Only trained and competent persons shall erect stillage • Erect stillage in accordance with the manufacturer's instructions • All staff shall be provided with manual handling training • Ground shall be surveyed prior to erection so that it will be suitable	Machine controller
Operating / Driving the Mini Tamper including: • Restricted view leading to collision with infrastructure / other machines • Noise • Derailment • Brake failure • Striking cables • Tines	• The driver / operator shall maintain vigilance at all time when driving mini tamper observing the line at all times • An exclusion zone of 3 metres shall be created and maintained when mini tamper in operation • Operations shall be stopped if the tines are to be approached or worked on	Machine controller
• Maintenance / Entrapment	• Physical guards shall be in place to prevent access to dangerous parts	Machine controller / operator
• Noise	• Ear protection shall be worn at all times when operating or driving mini tamper, where cab is open or indicated in cab.	

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Key Risks	Controls	Implemented By
Staff Injury - Struck by machine	- The COSS shall establish and brief to all staff the safe system of work to be adopted including ➢ Isolation limits obtained ➢ Protection arrangements for adjacent lines ➢ An exclusion zone of 3 meters for staff not working on the machine	COSS
	Horn to be sounded prior to movement and when changing direction of travel	Machine Operator/driver
	Any changes to the arrangements for safe working shall be briefed to all staff prior to the changes being implemented	COSS
Staff Injury - Entrapment/ Crush	- Work shall be planned so that staff remain visible to the Machine Operator - If staff are not visible or his view becomes obstructed the Machine Operator shall stop immediately - Staff shall not approach machines where there is limited clearance unless the machine and all work movements are stopped and isolated to prevent accidental movement. - Staff shall not make adjustments or attempt to clear obstructions until the machine has been stopped, the brake applied and the engine switched off. - Staff shall not perform any actions between two machines until they are both stopped, brakes applied and the engines switched off. - See also relevant Risk Control Sheets for the plant being used MP**	Team Leader / COSS /All Staff / Machine Operator

PPE Required by NR / Maintenance Policy

				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.
Wear Head Protection	Wear Foot Protection	Wear Hi Visibility Clothing	Wear Safety glasses to BS EN 166.F	

Additional PPE Required by Task Risk Control Sheet

						
Wear Hand Protection	Wear Hearing Protection	Wear Safety glasses to BS EN 166.F				