

Task Risk Control Sheet

Use of Automatic Ballast Sampler

RCS No: NR/L3/MTC/RCS0216/TK12
Issue: 1

Key Risks !

- Burns
- Noise
- Electrocution

Personnel Involved

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

Tools / Equipment | Hydraulic Power Packs

Plant | Trolley (adapted for use with ABS)

WORK USING THE AUTOMATIC BALLAST SAMPLER SHALL ONLY BE UNDERTAKEN USING GREEN ZONE POSSESSION

Key Risks	Controls	Implemented By
Struck by Train	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line • If working adjacent to an open line use the portable barrier provided with the ABS trolley 	Team Leader / COSS
Equipment – Pre use checks	<ul style="list-style-type: none"> • <u>Implement a planned preventative maintenance system</u> • Visually check connections hoses and equipment for damage prior to use and check equipment is within its inspection date • Only trained competent people shall operate equipment. • Do not use if hydraulic couplings or hoses are damaged • Do not use hoses to move the powerpack • Never use your hand to grab a leaking hose under pressure • Only the correct, modified trolley shall be used for operation 	<u>Line Manager</u> Team Leader / All Staff
Trolley Pre-use checks	<ul style="list-style-type: none"> • <u>Implement a planned preventative maintenance system</u> • Check the equipment is in date and is fitted with a COP0018 brake test label • Check the brake cables underneath the trolley for damage • Check the link box housing for damage • Test the brakes 	<u>Line Manager</u> Team Leader / All Staff
Runaway - Trolley	<ul style="list-style-type: none"> • When stopping always manually operate the brake handle • Do not secure the brake in the off position or place load on brake handle • Braking distances will increase in wet or icy conditions so plan for this. • Do not ride on the trolley • Do not tow the trolley by mechanical means • Keep speed to walking pace • Do not use on gradients in excess of 1 in 50 unless specially authorised by local instructions. • Person in charge of the trolley shall have the necessary competence 	Team Leader / All Staff
Trapped clothing / Limbs	<ul style="list-style-type: none"> • Keep all loose clothing and limbs clear when loading/unloading • Wear gloves when loading/unloading 	Staff

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Manual Handling	<ul style="list-style-type: none"> • Use correct number of personnel to lift generator / Trolley • Lifting/lowering shall be co-ordinated and controlled by one person • See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling • Avoid touching hot exhaust • When transporting after use do not place plastic or other combustible materials against the exhaust. 	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 • Keep one 2kg Dry Powder fire extinguisher when fuelling. • Adhere to additional requirements for use of protective equipment contained in the COSHH risk assessment 	Line Manager / All Staff / COSS / Team Leader
Buried Services	<ul style="list-style-type: none"> • Adopt safe digging practise • Plan ground clearance • See Risk Control Sheet NR/L3/MTC/RCS0216/GA08 – Ground Penetration and Excavations • See Risk Control Sheet NR/L3/MTC/RCS0216/SP05 – Use of Cable Avoidance Tool (C.A.T.) 	Planner / Team Leader / Competent Staff
Electrocution –DC	<ul style="list-style-type: none"> • Do not use Automatic Ballast Sampler in the vicinity of live conductor rails • See Risk Control sheets NR/L3/MTC/RCS0216/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5 	Team Leader / All Staff
Electrocution –AC (OLE)	<ul style="list-style-type: none"> • Keep the upper section of the boom locked in the down position until arrival at the work site and within the limits of the isolation • Only raise the boom after the form C for isolation has been received and form SMF/SE/0467 has been completed and signed by the Team Leader. • On completion of work do not give up the Isolation until the boom has been locked in the down position and the Team Leader has signed form SMF/SE/0467 	Team Leader
	<ul style="list-style-type: none"> • When under OLE carry equipment/materials horizontally • See Risk Control Sheet NR/L3/MTC/RCS0216/GA21 - Working Near Electrical Overhead Line Equipment 	All Staff
Eye Projection	<ul style="list-style-type: none"> • Wear correct eye protection (goggles or visor) to BS EN166.B 	All staff
Hand Protection	<ul style="list-style-type: none"> • Wear gloves at all times when using the equipment 	All staff