

Task Risk Control Sheet

Working with Switches and Crossings

RCS No: NR/L3/MTC/RCS0216/TK50
Issue: 4



- Struck by Train (1)
- Electrocution (3)
- Fuelling (4) OTP (9)
- Manual Handling (11)
- Slips, Trips and Falls (12)
- Noise (15)
- Small Plant

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

Tools / Equipment

Hand Tools

Rail Drill

Duff Jack

Thermometers

Stressing Kit

RailSaw/Disc Cutter

Cold Bolt Hole Equipment

Plant

RRV

Generator

Lifting Beam

Lifting Equipment

SECTION A - All S&C WORK

Task Risks	Controls	Implemented By
Key Generic Track Risks	See Generic Track Risks NR/L3/MTC/RCS0216TK00 1, 3, 4, 9, 11, 12 and 15	
Use of RRV	<ul style="list-style-type: none"> • See relevant Risk Control Sheet NR/L3/MTC/RCS0216/MP** • See Task Risk Control Sheets NR/L3/MTC/RCS0216/MP005 - Transit of OTP with/without a Machine Controller present • Maintenance of vehicle and checks shall have been completed 	Team Leader / MC
Drilling /Cutting Rail	<ul style="list-style-type: none"> • Eye protection to BS EN166.B and hand protection shall be worn for protection from swarf/burrs • Allow drill bits / grinding wheels to cool before handling • See Risk Control Sheets :- NR/L3/MTC/RCS0216/SP01 - Use of Abrasive Wheels, NR/L3/MTC/RCS0216/SP10 - Use of Rail & Non Rail Disc Cutters NR/L3/MTC/RCS0216/SP15 - Use of Rail/Sleeper Drill for controls and HAV information • Only trained competent staff to use equipment 	Team Leader / Staff
Fire	<ul style="list-style-type: none"> • Remove flammable debris around worksite • Fire extinguisher shall be available at site of grinding 	Team Leader / Staff
Electrocution	<ul style="list-style-type: none"> • See Risk Control sheets NR/L3/MTC/RCS0216/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5, • See Task Risk Control Sheet NR/L3/MTC/RCS0216/0001/GA21 - Working Near Electrical Overhead Line Equipment • When required, check that continuity bonds are fitted when working on the traction return rail in AC areas 	Team Leader / Staff
Use of Jacks	<ul style="list-style-type: none"> • Inspect equipment prior to use for good condition • Operate jack by adopting the correct stance to the jacks position • Jack shall have a firm base • Check jack has been maintained and is within service date • Body parts / clothing and team members shall be clear when lowering • Do not stand on jacked rail • See Risk Control Sheet NR/L3/MTC/RCS0216/SP11 – Use of Jacks 	Team Leader / Staff

Task Risk Control Sheet

Task Risks	Controls	Implemented By
Lifting Equipment	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GA06 - Assisted Lifting 	Team Leader / Staff
Entrapment	<ul style="list-style-type: none"> When working on or close to points/S&C, where body parts could become entrapped, contact the signaller to obtain manual control of the points or confirm that the points will be maintained in the appropriate/agreed position, with a reminder appliance applied, for the duration of the work Scotch the points before starting work if you are going to work on the points or machinery All body parts, clothing and equipment shall be kept clear of moving parts Advise the signaller when work is complete and that the points can be returned to normal working, with the reminder appliance removed, confirming removal of the scotch as appropriate 	Team Leader / Staff
Stressing Kit	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/SP013 - Use of Permaquip/Geismar THR542 Stressing Equipment for controls and HAV information 	Team Leader / Staff
Cold Bolt Hole Equipment	<ul style="list-style-type: none"> See Task Risk Control Sheet NR/L3/MTC/RCS0216/SP23 - Use of Cold Bolt Expansion Equipment for controls and HAV information Only trained competent staff to use equipment 	Team Leader / Staff

SECTION B – WORK ONLY TO BE UNDERTAKEN IN A GREEN ZONE

Task Risks	Controls	Implemented By
RED ZONE WORKING NOT PERMITTED	<ul style="list-style-type: none"> S&C crossing Repair – manual metal arc S&C rail head repair – semi auto welder S&C grinding and lipping re-profile S&C switch tip repair-metal arc Renew S&C Stretcher Bars 	Planner / Line Manager / Team Leader

PPE Required by NR / Maintenance Policy

				<p>Team leaders have the delegated authority to decide that safety glasses need not be worn based on on-site risk. This decision shall be recorded on the SSOWPS pack.</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 Hearing Protection	Wear Hand Protection	Wear Safety Goggles or Visor to BS EN166.B				