

Task Risk Control Sheet

Working with Rail - Jointed, Check and CWR

RCS No: NR/L3/MTC/RCS0216/TK40
Issue: 3

	- Struck by Train (1) - Electrocution (3) - Fuelling (4) - On Track Plant (9) - Manual Handling (11) - Slips, Trips and Falls (12) - Noise ((15) - Use of Abrasive Wheels - Use of Jacks	Personnel Involved	E&P	
			S&T	
			Track	✓
			Off Track	
			Property	

Tools / Equipment	Hand Tools	Chippings	Rail Jack*	Slueing Jack*	Pony/Ironmen*	Kango
	Thermometers*		Fire Extinguisher*		Tape*	Trolley/Scooter
	Continuity Bonds (AC)*		Stressing Kit (CWR)*		Welding Equipment (CWR)*	

Plant	RRV*	Trailer*	Generator/lights*	(* if required)
	Rail Saw/Disc Cutter*	Rail Drill*	Impact Wrench*	

SECTION A – All Risks

Task Risks	Controls	Implemented By
Key Generic Track Risks	See Generic Track Risks NR/L3/MTC/RCS0216/TK00 All except for 14 & 18	
Electrocution	- 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/GA21 - Working Near Electrical Overhead Line Equipment - When required, continuity bonds are fitted when working on the traction return rail in AC areas	Line Manager / Team Leader / Staff
Use of Jacks	- Inspect equipment prior to use for good condition - Operate jack by adopting the correct stance to the jacks position - A firm base for the jack shall be established - Jack shall have been maintained and shall be within its service date - Body parts / clothing and team members shall be clear when lowering - Do not stand on jacked rail - See Task Risk Control Sheet NNR/L3/MTC/RCS0216/SP11 – Use of Jacks	Team Leader / Staff
Use of Torque Wrench	- The torque wrench shall be set to the correct setting for the bolts concerned prior to use - Torque wrench shall be in good condition and within its calibration date before use - The correct stance shall be taken when using the torque wrench	Team Leader / Staff
Use of RRV	- See relevant Task Risk Control Sheet NR/L3/MTC/RCS0216/05/MP** - See Task Risk Control Sheets NR/L3/MTC/RCS0216/MP05 - Transit of OTP with/without a Machine Controller present - Maintenance of vehicle and checks shall have been completed	Team Leader/MC

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Use of abrasive wheels	- Plant shall have been maintained and be within its inspection date - Only trained and competent operators shall operate, change and mount abrasive wheels - See risk control sheet NR/L3/MTC/RCS0216/SP01 – Use of Abrasive Wheels for HAV information and operation	Line Manager Team Leader / Operator
Manual Handling of Rail	- See Task Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling - Team Lifting shall be coordinated by one person - Scrap shall be cut into smaller lengths for disposal - Mechanised means of handling shall be used wherever possible - Use mechanical lifting devices as per training e.g. Iron men and Ponies - Use Metatarsal protection when lifting/moving rail	Team Leader / Staff
Use of Turning Bar / spike extractor	- All turning bars shall be checked against an approved gauge and that they are in good condition prior to use. NOTE:- Bullhead and Flatbottom turning bars are different - Timber blocks/battens shall be used to protect cables and other in-side equipment. - Use Metatarsal protection when barring rail	Staff
	- Only trained/competent staff shall undertake rail turning activities - One person shall be appointed to control the operation - Staff not involved shall be kept clear of the operation - Underfoot conditions shall be checked and obstructions, loose material shall be cleared.	Team Leader
	- Body parts / clothing and team members shall be clear when lowering/moving - Ballast shall be cleared and level to prevent sliding/rolling of the rail - Gloves shall be worn when barring rail - Care shall be taken if turning bars are used with a pulling motion rather than pushing. Pulling puts the operative in direct line of striking if a rail tips over - The correct stance shall be adopted (see below)  Correct stance, enabling the user to counterbalance the effort exerted when pulling	Staff
Plain Line Rail Head Repair	WORK SHALL ONLY BE UNDERTAKEN IN A GREEN ZONE	Planner/Line Manager / Team Leader