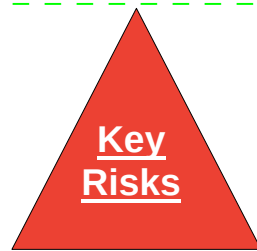


Task Risk Control Sheet

Welding

RCS No: NR/L3/MTC/RCS0216/TK60
Issue: 3



- Struck by Train (1)
- Electrocution (3)
- Manual Handling (11)
- Slips, Trips and Falls (12)
- Noise (15)
- Hot Work
- Use of A Frame

Personnel Involved

E&P	
S&T	
Track	✓
Off Track	
Property	

Tools / Equipment

Hand Tools
Rail Drill
Welding Equipment

Duff Jack
Stressing Kit
Gas Bottles

Rail Saw/Disc Cutter
Thermometers
A frame

Plant

RRV

Generator

Task Risks	Controls	Implemented By
Key Generic Track Risks	• See Generic Track Risks NR/L3/MTC/RCS0216/TK00 1,3,11,12 and 15	
Welding	• See Risk Control Sheets:- NR/L3/MTC/RCS0216/TK61 - Alumino Thermic Welding NR/L3/MTC/RCS0216/TK62 - Electric Arc Welding NR/L3/MTC/RCS0216/TK63 -Erection, Dismantling and Use of Welding Tents/Umbrellas & Support Clamps • Flame retardant PPE shall be worn • Face/Eye Protection (Welding Mask) to be worn	Welding Supervisor / Team Leader
Manual handling	• See Risk Control sheet NR/L3/MTC/RCS0216/GH01 - Manual Handling • Metatarsal protection shall be used when lifting/carrying gas bottles and heavy equipment	Team Leader / Staff
Fire	• Remove flammable debris from worksite • Fire extinguisher shall be available at site of welding/grinding	Team Leader /staff
Electrocution	• See Risk Control sheets NR/L3/MTC/RCS0216/GA20 Working Adjacent to DC Electrified Rails Risk Level 1- 5, • See Risk Control Sheet NR/L3/MTC/RCS0216/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	Line Manager / Team Leader / Staff
Use of A Frame	• Equipment shall be Inspected prior to use for good condition • A frame shall have a firm base • Check A frame has been maintained and is within service date • Body parts / clothing and team members shall be clear when Raising/Lowering • Do not stand on raised rail	Team Leader / Staff
Use of RRV	• See relevant Task Risk Control Sheet NR/L3/MTC/0005/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

Task Risk Control Sheet

Task Risks	Controls	Implemented By
Drilling /Cutting Rail	- Eye and hand protection shall be worn for protection from swarf/burrs - Allow drill bits / grinding wheels to cool before handling - See Task Risk Control Sheets :- NR/L3/MTC/RCS0216/SP01 - Use of Abrasive Wheels, NR/L3/MTC/RCS0216/SP14 - Use of Rail Grinders 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
Stressing Kit	See Task Risk Control Sheet NR/L3/MTC/RCS0216/SP13 - Use of Permaquip/Geismar THR542 Stressing Equipment for controls and HAV information	Team Leader / Staff
Fuelling	See Task Risk Control Sheet NR/L3/MTC/RCS0216/GA17 - Decanting Fuel and Fuelling Small Plant	Team Leader / Staff

PPE Required by NR / Maintenance Policy



Wear Head Protection



Wear Foot Protection



Wear Hi Visibility Clothing



Wear Safety glasses to BS EN166.F

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.

Additional PPE Required by Task Risk Control Sheet



Wear Hand Protection



Use Welding Mask



Wear Hearing Protection



Wear Flame Retardant Protection



Wear Respiratory Protection