

Task Risk Control Sheet

Copper/Optical Fibre Cables

RCS No: NR/L3/MTC/RCS0216/TEL02
Issue: 2



- Electrical Hazards
- Damage to Hands
- Booster Transformer Outage
- High Air Pressures
- Soldering
- Heat Shrinking
- Gas Cylinders

Personnel Involved

E&P	
S&T	✓
Track	
Off Track	
Property	

Tools / Equipment

Hand Tools
Multimeters

De-greasants
Gas blow torch

Test Handsets

Plant

Generator

Lights

Task Risks	Controls	Implemented By
Generic Risks	<ul style="list-style-type: none"> Refer to RCS Manual section GA, GH and GHE for generic risks associated with working on the railway and SP section for use of small plant. 	Team Leader
Electrical Hazards	<ul style="list-style-type: none"> Be aware of high voltage cables and take care not to damage. This includes high transmission circuit voltages and VL/VT voltages under certain fault conditions Isolate equipment if practical Use insulated tools and do not allow tools to come in to contact with live equipment Do not allow cable ends to touch equipment, terminals or other cables 	Team Leader / All Staff
Damage to Hands	<ul style="list-style-type: none"> Use correct tools when stripping armoured cable. Wear appropriate hand protection to prevent lacerations from the armouring and risk of dermatitis from grease filled cables 	Team Leader / All Staff
Biological Hazard	<ul style="list-style-type: none"> A visual inspection shall be undertaken for Human/Vermin/Animal waste. Wash hands and face prior to eating/drinking/smoking. See Risk Control Sheet NR/L3/MTC/RCS0216/GH03 – Biological and Chemical Hazards 	All Staff
Booster Transformer Outage	<ul style="list-style-type: none"> Apply hot wire working methodology 	Team Leader
High Air Pressures	<ul style="list-style-type: none"> De-pressurise system prior to work where required 	Team Leader
Soldering	<ul style="list-style-type: none"> Wear appropriate hand protection to prevent burns Area shall be well ventilated Wear eye protection 	Team Leader / Staff
Heat shrinking	<ul style="list-style-type: none"> Wear appropriate hand protection to prevent burns Area shall be well ventilated 	Team Leader / Staff
Gas Cylinders	<ul style="list-style-type: none"> Store and transport correctly 	Team Leader / Staff
Working at Heights	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH04 – Work at Height 	Team Leader / All Staff

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Task Risks	Controls	Implemented By
Use of Generator	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/SP12 – Use of Portable and Welding Generators. 	Team Leader
Fuelling of Plant	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 – Decanting Fuel and Fuelling of Small Plant 	Team Leader
Use of Site Lighting	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/SP18 – Use of Site Lights 	Team Leader
Booster Transformer Outage	<ul style="list-style-type: none"> Apply hot wire working methodology 	Team Leader
Optical Fibre Sharps	<ul style="list-style-type: none"> Dispose of sharps in appropriate receptacle Wear eye protection when cleaving fibres 	Team Leader / Staff
Trains	<ul style="list-style-type: none"> See Risk Control Sheets NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line Rule book modules G1, G2, T3, T2, T4 and OTP 	Line Manager / Planner / COSS
Use of Trolley	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/SP08 – Use of Trolleys/Rail Skate/Scooter 	
Use of Jacks	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/ SP11 –Use of Jacks 	
Loading / Unloading vehicle	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GA07– Loading/Un-loading Wagons and Vehicles 	
Biological Hazard	<ul style="list-style-type: none"> A visual inspection shall be undertaken for Human/Vermin/Animal waste. Wash hands and face prior to eating/drinking/smoking. See Risk Control Sheet NR/L3/MTC/RCS0216/GH03 – Biological and Chemical Hazards 	All 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



Wear Safety Harness