Task Risk Control Sheet

Network Rail

Isolation and Earthing of OLE

Task No: NR/L3/MTC/RCS0216/OLE03
Issue: 2

Key Risks!

- **Struck by train**
- **Electrocution**
- **Slips, trips and falls**

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

Tools / Equipment	Live line tester	Local DEP earths	Bond Tester
	Insulated primary pole	Temporary bond	
Plant			

Key Risks	Controls	Implemented By
Electrocution	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA21 - Working Near Electrical Overhead Line Equipment • Safety critical communication in accordance with GO/RT3000 • Isolation requires minimum 2 man team • Switching and earthing duties only performed by Authorised Persons to NR/SP/ELP/29987	Staff
	• Training of staff in correct procedure	Section Manager
	• Closer supervision of inexperienced staff by an identified suitably qualified mentor	COSS / Team leader
Damaged earths or earth poles	• Inspection of primary poles and tester including check for in date calibration prior to use and testing of OLE to confirm equipment is dead prior to earth application • There shall be no damage to the crowns and thorns and earths shall be correctly located and numbered • Test designated earth point (DEP) bond condition if not visible for its entire length	Authorised Person Authorised Person
Application and removal of local earths	• Visually inspect security of DEP spigots • Earths shall be uniquely identified and routinely checked. • Primary pole shall be tested and testing equipment calibrated	Authorised Person Section Manager
	• Use screw type clamps for any current carrying applications	Staff
	• The use of long blue earths shall be specifically approved by OLE supervisor, prior to use because of increased risk. They should only be applied and removed by experienced staff.	Supervisor
Incorrect application of tester	• Under no circumstances can the earth connection be disconnected from the rail before the tester is lowered to the ground	Authorised Person

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Task Risk Control Sheet

Key Risks	Controls	Implemented By
Entrapment	• Wear approved gloves when assembling / disassembling pole sections	Staff
Struck by train	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line	COSS
Slips, trips and falls	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH02 – Underfoot Conditions	Staff
Manual handling	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling	Team Leader
Falling objects	• Helmet with chinstrap shall be worn	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

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