Task Risk Control Sheet

Network Rail

LOWS – Use of the back pack aerial Harness and ZPW or ZFH units. Use of Booster Aerial	RCS No: NR/L3/MTC/RCS0216/GA03 Issue: 3

Key Risks !

- **Struck by Train**
- **Electrocution**
- **Manual Handling**
- **Slips, Trips & Falls**

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

Tools / Equipment	Zollner LOWS back pack aerial harness & ZPW or ZFH units Booster Aerials
Plant	None

Task Risks	Controls	Implemented By
Struck by Train	• See Risk Control Sheets NR/L3/MTC/RCS0216/GA01 - Work on or near the line • Brief site limits for LOWS protection before work starts • COSS shall monitor staff positions during work to check that staff remain within the LOWS protection limits	Person in Charge / COSS
Manual Handling	• See Risk Control Sheets NR/L3/MTC/RCS0216/GH01 – Manual Handling	Person in Charge/ Staff
Slips Trips and Falls	• See Risk Control Sheets NR/L3/MTC/RCS0216/GH02 – Underfoot Conditions	Person in Charge/ Staff
Lack of competence	• Only staff who have been deemed competent in the use of Zollner LOWS equipment are authorized to operate the equipment	Person in Charge/ Staff
Key Generic Hazards	• Set up and use system in accordance with training /manufacturers instruction • COSS and Lookout shall confirm system is working before work commences	LOWS Lookout LOWS COSS
Electrocution	• See Risk Control Sheets NR/L3/MTC/RCS0216/GA20 - Working adjacent to DC electrified rail Levels 1-5 • See Risk Control Sheets NR/L3/MTC/RCS0216/GA21 - Working Near electrified overhead line equipment • Put on the harness while in a position of safety away from electrical equipment • Put on harness by placing first one arm, then the other into place and adjusting straps • Never put on or remove harness by pulling over the head with straps fastened • Screw in the aerial cable into the ZPW or ZFH unit to a finger tight secure fasten • Do not climb above ground level while the aerial harness is being worn with the aerial extended • Do not artificially extend the aerial by any means beyond its designed extension	Person in Charge LOWS Lookout LOWS Controller

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Task Risks	Controls	Implemented By
Use of Booster Aerial	• Do not erect booster aerials where the clearance between the aerial and live OLE is less than 2.75Metres. • When used on platforms take care to prevent public coming into contact with the aerial or causing a tripping hazard when using the 25 meter extension lead . • Only erect aerials where the clearance from the running line, dependant on the line speed, is available • Once in position check the aerial to make sure it is upright and in a stable position • Use only booster aerials in areas that are safe, secure and free from public interferance	Team Leader

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

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