Task Risk Control Sheet

OLE Lifting Activities

RCS No: NR/L3/MTC/RCS0216/OLE18
Issue: 2

Key Risks!

- **Overloads**
- **Lifting Equipment Failure**
- **Serious Crushing injuries**

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

Tools / Equipment	Rope Blocks	PullZall Hoist	Approved OLE Lifting Equipment
Plant	On Track Plant equipped with a crane		OLE MEWP equipped with a crane or wire lifters.
	MEWP		

Key Risks	Controls	Implemented By
Overloading MEWPs due to incorrect use	• Mobile Elevated Working Platforms which do not have lifting devices are not designed to lift tensioned OLE wires directly on the basket or indirectly by the staff in the basket. **They should never be used to do so.** • OLE components can be carried in a MEWP basket provided the total weight of the staff and equipment does not exceed the safe working load of the machine. • The use of a MEWP to carry people and components in a basket is classed as a routine lifting operation under LOLER. (Section P508 of the Plant manual on the use and loading of MEWPs provides further guidance) • The OLE weight calculator can be used to calculate the weight of individual OLE components or assemblies.	Team Leader/ Staff
Inadequate planning or inadequate lift planning	• When planning OLE works using a MEWP(s) the standard form (SMF_PL_0253 or equivalent) MEWP Section shall be used to assess the total weight and confirm whether additional lifting equipment is necessary. • All OLE lifting operations shall have a lift plan based on SMF_PL_0253 or equivalent) Lifting Plan Section and be produced and approved by a competent lift planner. • Lifting equipment shall be selected that is appropriate for the task • Generic Lift plans are available for Routine OLE lifting activities when MEWPs, Rope Blocks and the Pullzall Hoist. • Generic Lift plans are also available for Emergency use following a dewirement. (Section P503 of the Plant manual provides the detailed requirements / acceptable means of compliance for the planning of OLE lifting operations). • Generic Lift plans shall be reviewed periodically to confirm they remain adequate to control the risks involved.	Planner / Lift Planner Line Manager Planner RPSE working group

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Key Risks	Controls	Implemented By
Lack of site supervision **Changes to the lift plan**	• All OLE lifts shall be supervised on site by a competent person • In the case of a Routine lift using MEWPs, Rope Blocks or the Pullzall Hoist as detailed in the OLE work Instruction manual the competent person can be a suitably trained Linesman familiar with standard lifting and rigging techniques and trained on the use of the PullZall hoist. • In the case of a non-routine lift or a lift using a crane then the competent person shall be a competent crane controller. (Section P516 of the Plant manual provides the detailed requirements / acceptable means of compliance for OLE lifting operations). • Any changes to the Lift Plan shall be authorised by a competent Lift Planner who has completed Network Rail's Lift Planner course.	Team Leader Team Leader Team Leader Staff
Falling components	• When installing or removing heavy steel components such as stovepipes, safety rigs shall be used at all times to prevent them from falling.	Team Leader
Damage to OLE	• To avoid snagging wires on the OLE equipment it is best to position the OTP enabled cranes on the adjacent roads where possible. • To avoid damage to OLE conductors during lifting operations then protect the conductor or use a fibre sling. • OTP Movements to be managed by Machine Controller (MC) or Crane Controller (CC) from the ground to mitigate risk of plant movements snagging equipment resulting in damage to plant and infrastructure	Team Leader Team Leader
Manual Handling	• Competent staff shall have received manual handling training. • Materials to be pre loaded into the rear platform of the SRS/basket either at the Road Rail Access Point or at a suitable point at track level. • SPS to be assessed for weight and the number of staff required to correctly lift SPS into place. • Compliance with the approved lifting plan to take the weight	Line Manager Team leader Team Leader Staff
Equipment failure: **MEWPs** **Lifting Equipment** **Ladders**	• If Unimog MEWP overloading occurs – Staff and Line Managers shall implement the requirements of the Plant Handbook module P520 – Alert notification system for Network Rail owned Unimog U400 MEWP. • Additional care shall be exercised where overload indicators are not fitted (E.g. SRS Machines) • Lifting equipment shall be stored, maintained and examined 6 monthly by competent staff (Statutory Test) • No lifting equipment shall be used unless it is in date and inspected prior to use. • Ladders should never be used to rig equipment from • Ladders should not be used to prop up or support OLE equipment.	Staff/ Line Managers Team Leader Line Managers Staff Staff

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