

Task Risk Control Sheet

Use of Site Lights

RCS No: NR/L3/MTC/RCS0216/SP16
Issue: 3

**Key
Risks !**

- Burns
- Slips, Trips, Falls
- Electrocutation
- Equipment Damage

**Personnel
Involved**

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

Tools / Equipment

Site Lighting

Cable Avoidance Tool

Plant

None

Key Risks	Controls	Implemented By
Pre use Inspection	<ul style="list-style-type: none"> • Pre-inspection of equipment before use shall be undertaken 	Staff
Struck by Train – Adverse Weather	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work On or Near the Line 	Team Leader / COSS
Burns	<ul style="list-style-type: none"> • Lighting heads and covers become hot during use and shall be allowed to cool before touching them 	All Staff
Slips, Trips, Falls	<ul style="list-style-type: none"> • Be aware of any supporting legs or cables that may present a tripping hazard. • See Risk Control Sheet NR/L3/MTC/RCS0216GH02 – Underfoot Conditions 	All Staff / COSS / Team Leader
Equipment Damage	<ul style="list-style-type: none"> • Lighting shall be suitably stored at depots and in transit to prevent damage to fragile lighting filaments and heads • Never carry or pull the light by its lead 	Line Manager / All Staff / Team Leader
Manual Handling	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling 	Team Leader
Generators	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/SP12 - Use of Portable/Welding Generators 	Team Leader
Electrocutation – Work Near DC or OLE	<ul style="list-style-type: none"> • 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 	Team Leader / COSS
Electrocutation – Use of Equipment	<ul style="list-style-type: none"> • Always check cables for damage before use • Do not put cables through standing water 	All Staff / Team Leader
Striking buried services	<ul style="list-style-type: none"> • Do not use spikes where alternatives exist • A full buried services check shall be undertaken • A site inspection shall be conducted before commencing work and identify and mark up the position of all buried services. • A competent person shall perform a CAT scan using a Network Rail Approved CAT Scanner • See Risk Control Sheet NR/L3/MTC/RCS0216/SP05 - Use of Cable Avoidance Tool C.A.T • See Risk Control Sheet NR/L3/MTC/RCS0216/GA08 - Ground Penetration and Excavations 	Team Leader

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Key Risks	Controls	Implemented By
Positioning / Erection and Removal (Lighting / Generators) including: <ul style="list-style-type: none"> Manual handling Darkness 	<ul style="list-style-type: none"> Positioning, erection and removal of lighting shall be performed in green zones Position, erect and remove lighting in daylight where possible or at night adequate lighting with torches or helmet lamps shall be provided Where positioning, erecting or removing in areas of OHLE any lighting heads / stalks shall be at least 2.75 metres / 9 feet clear of OHLE 	Team Leader
Connection, Disconnection, Testing & Operation of System	<ul style="list-style-type: none"> Connection, disconnection, testing and operation of lighting systems (including generators) shall only be performed by trained and competent persons All lighting systems (including generators) shall be subject to a planned preventative maintenance programme – Operators shall check that all equipment is within the inspection date 	Team Leader Line Manager/ Staff

In line with the HSE Guidance 38, Lighting at Work, the following minima and average lighting levels shall be established for the various activities involved, this is the definition of suitable and sufficient for the purposes of this document.

Activity	Minimum Lighting Level	Average Lighting Level
Site access	5 Lux	5 Lux
Site preparation	20 Lux	50 Lux
Chipping	20 Lux	50 Lux
De-veg activities (inc chain saw) at ground level	50 Lux	100 Lux
Tree climbing and use of chain saws at height	100 Lux	200 Lux

Achieved lighting levels shall be checked using a light meter at the point of activity prior to work commencing.

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.
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Additional PPE Required by Task Risk Control Sheet

 Wear Hand Protection						
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