Risk Assessment & Method Statement

Electrician RAMS – Temporary power distribution and task lighting

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Basic Information

Organization: Northline Electrical Services Ltd

Client: Harrowgate Property Group Ltd

Site: Riverside Workspace Refurbishment - Leeds LS1 4DY

Scope of Work

This RAMS covers Temporary power distribution and task lighting at Riverside Workspace Refurbishment. It sets out the planned sequence of work, foreseeable hazards, control measures, permits, PPE, COSHH arrangements, emergency actions, and supervision requirements. The supervisor must review this document with the site-specific induction, construction phase plan, drawings, permits, and changing conditions before work starts.

Persons at Risk

Operatives, supervisors, visitors, neighbouring trades, and members of the public near the work area.

Hazards & Risk Assessment

5 hazards identified

Safe isolation / live conductors

Safe isolation / live conductors can affect operatives and adjacent trades during Temporary power distribution and task lighting. Controls are to be verified at the point of work by the supervisor.

Pre-Control: 14 (Medium Risk) Post-Control: 5 (Low Risk)

Control Measures:

- Isolation & lock-off procedures
- Prove dead with GS38 equipment
- Insulated tools
- Brief operatives at the daily start-of-shift coordination meeting and stop work if conditions change.

Working at height (ladder / steps)

Working at height (ladder / steps) can affect operatives and adjacent trades during Temporary power distribution and task lighting. Controls are to be verified at the point of work by the supervisor.

Pre-Control: 13 (Medium Risk) Post-Control: 4 (Low Risk)

Control Measures:

- Correct access equipment
- 3-point contact
- Podium steps where possible
- Brief operatives at the daily start-of-shift coordination meeting and stop work if conditions change.

Drilling / silica dust

Drilling / silica dust can affect operatives and adjacent trades during Temporary power distribution and task lighting. Controls are to be verified at the point of work by the supervisor.

Pre-Control: 12 (Medium Risk) Post-Control: 3 (Low Risk)

Control Measures:

- Dust extraction
- RPE (FFP3 mask)
- Area screened off
- Brief operatives at the daily start-of-shift coordination meeting and stop work if conditions change.

Trailing leads / trip hazards

Trailing leads / trip hazards can affect operatives and adjacent trades during Temporary power distribution and task lighting. Controls are to be verified at the point of work by the supervisor.

Pre-Control: 11 (Medium Risk) Post-Control: 3 (Low Risk)

Control Measures:

- Cable management
- Route leads along walls
- Warning signs
- Brief operatives at the daily start-of-shift coordination meeting and stop work if conditions change.

Fire risk from faulty wiring

Fire risk from faulty wiring can affect operatives and adjacent trades during Temporary power distribution and task lighting. Controls are to be verified at the point of work by the supervisor.

Pre-Control: 10 (Medium Risk) Post-Control: 3 (Low Risk)

Control Measures:

- Fire extinguisher on site
- RCD protection verified
- Thermal imaging check
- Brief operatives at the daily start-of-shift coordination meeting and stop work if conditions change.

Method of Work

6 steps outlined

1. Arrive on site and sign in

   Related hazards: Safe isolation / live conductors

2. Isolate supply and prove dead

   Related hazards: Working at height (ladder / steps)

3. Set up work area and barriers

   Related hazards: Drilling / silica dust

4. Carry out installation or repair

   Related hazards: Trailing leads / trip hazards

5. Test and inspect to BS 7671

   Related hazards: Fire risk from faulty wiring

6. Tidy work area and handover

   Related hazards: Fire risk from faulty wiring

Personal Protective Equipment & Permits

PPE Required

Hard hat	Insulated gloves
Safety glasses/goggles	Steel toe-capped boots

Permits Required

Isolation / lock-off permit	Permit to energise after testing

COSHH Assessments

Control of Substances Hazardous to Health

Cable lubricant

Use: Reducing friction when pulling new cabling through containment.

Exposure: Skin contact

Controls:

- Wear gloves
- Wipe excess immediately
- Follow SDS storage guidance

SDS: https://rams-builder.app/sds/examples/electrician-cable-lubricant.pdf

Emergency Procedures

First Aid

Stop work, make the area safe, and contact the appointed first aider via the site emergency number confirmed at induction. The supervisor must report serious incidents to Northline Electrical Services Ltd management and prevent work restarting until the area is safe.

Fire Emergency

Raise the site alarm, stop the task, isolate energy sources only where safe, and proceed by the signed escape route to the designated assembly point. Do not attempt firefighting unless trained and it is safe to do so.

Spill Response

Stop the source if safe, cordon the area, and use the site spill kit or absorbent materials specified by the relevant SDS. Prevent entry to drainage, segregate contaminated waste, and report the event to the supervisor.

Nearest Accident & Emergency

Nearest A&E and the agreed emergency vehicle access point must be confirmed during the Riverside Workspace Refurbishment induction, recorded in the daily briefing, and communicated to all operatives.

Signatures & Approvals

This document has been reviewed and approved by:

Daniel Mercer
Electrician Supervisor

03/08/2026, 10:30:00

Demonstration document using fictional project information. It must be reviewed, adapted, and approved for the actual site before work commences.
All operatives must be briefed on the hazards and control measures that apply to the live task.