Risk Assessment & Method Statement

Electrician Example RAMS – Temporary power distribution and task lighting

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Basic Information

Organization: RAMS Builder Example

Client: Example Electrician Client

Site: Electrician Example Project - London SW1A 1AA

Scope of Work

Example RAMS covering Temporary power distribution and task lighting with hazards, permits, COSHH controls, emergency planning, and sign-off ready for project review.

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

Example control set for electrician works on Temporary power distribution and task lighting.

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

Control Measures:

- Isolation & lock-off procedures
- Prove dead with GS38 equipment
- Insulated tools

Working at height (ladder / steps)

Example control set for electrician works on Temporary power distribution and task lighting.

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

Control Measures:

- Correct access equipment
- 3-point contact
- Podium steps where possible

Drilling / silica dust

Example control set for electrician works on Temporary power distribution and task lighting.

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

Control Measures:

- Dust extraction
- RPE (FFP3 mask)
- Area screened off

Trailing leads / trip hazards

Example control set for electrician works on Temporary power distribution and task lighting.

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

Control Measures:

- Cable management
- Route leads along walls
- Warning signs

Fire risk from faulty wiring

Example control set for electrician works on Temporary power distribution and task lighting.

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

Control Measures:

- Fire extinguisher on site
- RCD protection verified
- Thermal imaging check

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 summon the appointed first aider. Escalate any serious injury through the site emergency procedure and record the incident before work restarts.

Fire Emergency

Raise the alarm, stop the task, isolate energy sources where safe to do so, and move to the agreed assembly point. Only trained operatives should attempt first-aid firefighting.

Spill Response

Stop the source if safe, isolate the area, use the spill kit or absorbent materials listed in the COSHH controls, and dispose of contaminated waste in line with the SDS.

Nearest Accident & Emergency

Nearest A&E to be confirmed during site induction and briefed to all operatives before works start.

Signatures & Approvals

This document has been reviewed and approved by:

Example Site Supervisor
Electrician Supervisor

15/01/2026, 09:30:00

This Risk Assessment & Method Statement must be reviewed before work commences.
All operatives must be briefed on the hazards and control measures outlined in this document.