

Electrical Work Risk Assessment

Site risk assessment for electrical installation and maintenance work

Company: _____ Date: ____/____/_____
Address: _____ Ref: _____

Site Information

Site Address: _____ Assessment Date: _____ Assessor Name: _____

Work Details

Description of Work: _____ Expected Duration: _____ Number of Workers: _____

Hazard Identification

Hazard	Risk Level	Control Measures	Residual Risk
Electric shock / electrocution			
Working at height (ladders/scaffolding) Fire risk from electrical work			
Manual handling (heavy equipment) Asbestos exposure (older buildings)			
Slip, trip and fall hazards			
Confined space working			
Hot works (soldering)			

Risk Rating Matrix

Likelihood: 1 (Very unlikely) !' 5 (Almost certain)

Severity: 1 (Minor injury) !' 5 (Fatal/major injury)

Risk Level = Likelihood x Severity

1-6: LOW (acceptable) | 7-12: MEDIUM (reduce if possible) | 13-25: HIGH (do not proceed)

Control Measures Required

- Isolate supply and lock off before work begins
- Test for dead using approved voltage indicator (GS38)
- Use insulated tools rated to 1000V
- PPE: safety boots, gloves, eye protection
- Fire extinguisher on site
- First aid kit available
- Barriers/signage for public areas
- Permits to work obtained (if applicable)

- Emergency procedures communicated to all workers
- Lone working protocol in place (if applicable)

Emergency Procedures

Nearest A&E: _____
Fire assembly point: _____
Emergency contact: _____
First aider on site: _____

Declaration

I confirm that this risk assessment has been carried out and appropriate control measures are in place.

Assessor signature: _____ Date: ____/____/____

Review date: ____/____/____
