



SAMPLE RISK ASSESSMENT AND METHOD STATEMENT

ELECTRICAL INSTALLATION AND SAFE ISOLATION

A generic RAMS showing how ATKINSONS plans and controls this type of work. A site-specific version is prepared, briefed and signed by every operative before work starts.

REFERENCE	VERSION	ISSUED	NEXT REVIEW
ATK-RAMS-02	1.0	4 October 2026	4 October 2027

How this document is used. This is a sample. Before every job, the supervisor surveys the site and produces a site-specific RAMS based on it, adding the address, programme, named people, emergency arrangements and any extra hazards. Everyone on the job is briefed and signs the sheet at the back. If the work or conditions change, the RAMS is reviewed before work carries on.

1. JOB DETAILS

ACTIVITY	Electrical Installation and Safe Isolation
SCOPE	Domestic and commercial rewires, consumer unit replacement, new circuits, EV charge points, solar PV connections, fault finding, inspection and testing (EICR).
CONTRACTOR	ATKINSONS (NE) Limited, Portland House, Belmont Business Park, Durham DH1 1TW
SITE ADDRESS	Completed on the site-specific version
SUPERVISOR	Named on the site-specific version
PEOPLE AT RISK	ATKINSONS electricians and apprentices, occupants, other trades on site.
PREPARED BY	ATKINSONS supervisor, reviewed by the Contracts Manager

2. HOW WE RATE RISK

LIKELIHOOD × SEVERITY	1 MINOR	2	3	4	5 FATAL
5 ALMOST CERTAIN	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1 RARE	1	2	3	4	5

1 to 6 low: proceed with controls. 8 to 12 medium: extra controls and supervision. 15 to 25 high: work does not start until the risk is reduced.

3. RISK ASSESSMENT

HAZARD	WHO AND HARM	RISK	CONTROL MEASURES	RESIDUAL
Electric shock or burns from live conductors	Electricians and others. Fatal injury	20	- No live working. Safe isolation procedure followed for every job in line with HSE GS38 and the Electricity at Work Regulations 1989 - Isolate, lock off with a personal padlock and key kept by the electrician, apply a warning label - Prove the voltage indicator on a proving unit, test dead, then re-prove the indicator - Test instruments and leads to GS38: fused probes, shrouded tips, in calibration - Where live testing is essential (for example fault finding or EICR testing), it is done only by a competent electrician with suitable test equipment and barriers	5
Unexpected re-energisation by others	Electricians. Fatal injury	15	- Lock-off on every point of isolation, keys kept by the person working - Occupants and other trades told which circuits are dead and why - Temporary supplies clearly labelled	5
Fire from faulty work or overheating	Occupants and building. Fire	10	- Work to BS 7671 (IET Wiring Regulations, current edition) - Full test and inspection before energising, recorded on an Electrical Installation Certificate or Minor Works Certificate - Notifiable domestic work registered with Building Control through our NICEIC or NAPIT scheme	5
Asbestos in old consumer units, flash guards, ceiling tiles and textured coatings	Electricians and occupants. Long-term lung disease	15	- Asbestos information checked before drilling or chasing in pre-2000 buildings - Suspect materials tested before disturbance	5
Dust from chasing and drilling (including silica)	Electricians and occupants. Lung disease	12	- Chasing tools with on-tool extraction (M- or H-class vacuum) - FFP3 masks, face-fit tested - Work areas sheeted and occupants kept out	4
Work at height in lofts and on stepladders	Electricians. Falls	12	- Boarded walkways in lofts, adequate lighting, care with ceiling joists - Stepladders checked before use, used only for short tasks with three points of contact	4

HAZARD	WHO AND HARM	RISK	CONTROL MEASURES	RESIDUAL
Hidden services when drilling	Electricians. Shock, gas or water leak	12	- Cable and pipe detector used before drilling - Safe zones in BS 7671 followed for new cable routes	4

4. METHOD STATEMENT

- 1 Agree the work and circuits with the customer. Review asbestos information and any previous certificates.
- 2 Brief the team on the RAMS. Identify the supply, the consumer unit and every point of isolation.
- 3 Carry out safe isolation: isolate, lock off, label, prove the tester, test dead, re-prove the tester.
- 4 Protect floors and furniture. Sheet off the work area. Use on-tool dust extraction for chasing.
- 5 Install to BS 7671 and the manufacturer instructions.
- 6 Inspect and test. Record results. Rectify any defects before energising.
- 7 Remove locks only when the work is complete and tested. Energise and functionally test.
- 8 Issue the certificate, notify Building Control where required and explain the installation to the customer.

5. PPE

Safety boots

Insulated tools to BS EN 60900

Eye protection when drilling

FFP3 mask for dust

Gloves for handling materials

Knee pads

6. EMERGENCY ARRANGEMENTS

ACCIDENT OR INJURY

- Make the area safe, call 999 if needed
- First aider and first aid kit identified at the briefing
- Nearest A&E recorded on the site-specific RAMS
- Report to the office the same day. RIDDOR reports made by the office

FIRE, GAS OR SERVICE STRIKE

- Stop work, raise the alarm and evacuate to the assembly point
- Gas escape: no switches or flames, open windows, call the National Gas Emergency line 0800 111 999
- Cable strike: stay clear, keep others away, call the network operator
- Do not return until it is declared safe

7. LEGISLATION AND GUIDANCE

- Electricity at Work Regulations 1989
- BS 7671 Requirements for Electrical Installations
- HSE GS38 Electrical test equipment
- HSE HSR25 Memorandum of guidance on the Electricity at Work Regulations
- Building Regulations 2010, Approved Document P
- Control of Asbestos Regulations 2012

8. BRIEFING AND SIGN-ON

I have been briefed on this RAMS, I understand the hazards and controls, and I will stop work and report if anything changes or looks unsafe.

NAME	TRADE / ROLE	SIGNATURE	DATE

BRIEFED BY	
SIGNATURE AND DATE	

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