

<b>MARISCO RISK ASSESSMENT: Significant Hazards, Risks and Controls for Electrical Works</b>		<b>Risk Assessment prepared by:</b>	Print full name: _____		H&S Manager: <input type="checkbox"/>
			Signature: _____		Site Manager: <input type="checkbox"/>
					Auth'd Operative: <input type="checkbox"/>
					Date: _____
Designated Site Manager(s):	Sam Woodhams <input type="checkbox"/>	Dave Mills <input type="checkbox"/>	Other: _____ <input type="checkbox"/>		
Client:			Client's Job Ref:	Our Job Ref:	
Site Address:			Town:	Postcode:	
Client's site rules and work permit systems will be complied with: <input type="checkbox"/>		Client's site inductions completed: <input type="checkbox"/>		Private client at home (normal CDM rules apply): <input type="checkbox"/>	
<p>The HSE advise the best way to create an effective risk assessment is to first identify the most significant hazards that exist in the workplace, and then introduce <i>sufficient</i> and <i>relevant</i> controls to remove the potential to cause harm to anyone affected by the work to be carried out. There follows a non-exhaustive list of potential hazards. Identify the most significant risks on this site and record the controls to be applied to remove the risk that anyone will suffer harm during the planning and execution of the work on site.</p>					
Asbestos is present: <input type="checkbox"/> Safe use of platforms: * <input type="checkbox"/> Excavations & holes: <input type="checkbox"/> Manual Handling: <input type="checkbox"/> Flammable substances: <input type="checkbox"/> Site welfare: <input type="checkbox"/> Asbestos is assumed: <input type="checkbox"/> Safe use of scaffolding: * <input type="checkbox"/> Electric portable tools: <input type="checkbox"/> Slips and trips: <input type="checkbox"/> Fire risks: <input type="checkbox"/> Mental health: <input type="checkbox"/> Site dust: <input type="checkbox"/> Safe use of ladders: <input type="checkbox"/> Noise & vibration risks: <input type="checkbox"/> Storage of materials: <input type="checkbox"/> Environmental risks: <input type="checkbox"/> Medical First Aid: <input type="checkbox"/> Contaminated Waste: <input type="checkbox"/> Safe use of hop-ups: <input type="checkbox"/> COSHH: <input type="checkbox"/> Safe removal of waste: <input type="checkbox"/> Site security: <input type="checkbox"/> Safeguarding: <input type="checkbox"/>					
* The relevant risk assessments in respect of working at height with platforms and scaffolding must be completed separately and signed off by a director before work commences on site.					
Will the job last for more than 1 day? Yes/No <input type="checkbox"/>		If YES, you must complete the full <i>General Construction Site Risk Assessment</i>		Folio Ref: _____	
Significant Hazard identified. Who can be harmed and how.	List the significant controls to be introduced and observed by all persons working or visiting the site to reduce the risks of harm from the identified hazard to an acceptable safe level.	Separate Risk Assessment Completed	Risk with stated controls		
		<input type="checkbox"/> Y/N	<input type="checkbox"/> x <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		RA Extension Ref: _____			
		SSOW Ref: _____			
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		RA Extension Ref: _____			
		SSOW Ref: _____			
<b>Likelihood</b>	<b>Severity of Risk</b>	<b>Calculated Risk</b>	<b>Action Plan</b>		
1    Improbable: 0% - 5% Unlikely to happen	1 <b>No risk</b> to short-term or long-term health or sustaining personal injury	<b>0 - 5</b>	Low Risk - No extra controls needed		
2    Remote: 5% - 35% May occur at sometime	2 <b>Remote</b> risk to health or sustaining minor injuries treatable by site first aid	<b>6 - 15</b>	Introduce extra controls to reduce risk		
3    Possible: 35% - 65% Could occur at sometime	3 <b>Low</b> risk of personal injury requiring medical attention at A&E Department	<b>16 - 20</b>	Only under managerial supervision		
4    Probable: 65% - 95% Very likely to occur	4 <b>Moderate</b> risk of personal injury resulting in more than 7 days off work	<b>21 - 25</b>	<b>Do not proceed as the risk is too high</b>		
5    Very probable: 95% - 100% Almost certain	5 <b>High</b> risk of life-changing injury, long-term chronic illness, cancer and death	<b>21 - 25</b>	Consult the H&S Adviser if in doubt		
The following must be taken on to site ready for immediate use:		Asbestos Decontamination kit: <input type="checkbox"/>	Fire Extinguishers: <input type="checkbox"/>	First Aid Kit: <input checked="" type="checkbox"/>	
Nearest A&E Dept: _____		In case of Fire or other emergency dial 999		Report Gas Leak to: 0800 111 999	
Problem on site? Call Marisco on 01202 474001		Fire Assembly Point: _____			

Hazards	Who might be harmed and how	RISK Without Controls	Standard controls that should be observed on all sites	RISK with Standard Controls	Confirmation Standard Controls are sufficient	Extra controls required if standard controls are not sufficient in this case	Revised risk after extra controls		
							Likelihood	Severity	Risk
Making electric present in workplace safe during refurbishment or testing (Safe Isolation)	Any person who is present in the building may be electrocuted and suffer shock, burns, physical trauma as they fall, or loss of life, if they come into contact with any live exposed mains wiring that are not either fully insulated or isolated by a safe isolation procedure .	25	Confirm all exposed electric cables are safely terminated and marked as not connected to mains.	<input type="checkbox"/>	<input type="checkbox"/> Y/N		<input type="checkbox"/> x <input type="checkbox"/>	<input type="checkbox"/>	
			OR	<b>Six steps to Safe Isolation</b> 1) Check it is safe to isolate with the user or person in charge of the site. 2) Prove your voltage indicator using your proving unit. 3) Test the circuit to be isolated is powered off by checking neutral-earth, line-earth & line-neutral. 4) Re-test your voltage indicator using your proving unit. 5) Replace the cover on the circuit board and lock off. 6) Test again on the circuit being worked on.	<input type="checkbox"/>				<input type="checkbox"/> Y/N

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<input checked="" type="checkbox"/>	Accidentally disturbing asbestos and breathing in dust is a serious long-term health hazard for all people exposed to the hazard	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/> Y/N		<input type="checkbox"/> x <input type="checkbox"/>	<input type="checkbox"/>	

**Decontamination procedure to follow in the event of an unplanned release of known or suspected ACM**

- The objective here is to simply make sure the mask you should have been wearing when the unplanned release occurred is kept on until it is safe for you to remove it.
- It will be safe for you to remove your mask when you have exited a contaminated area, removed your contaminated clothing and shoes, and taken a long shower to remove any residual asbestos fibres in your hair and on your skin. How long you keep your mask on is a matter of common sense. Try and wash away as much of the dust as possible with the mask on, but remove it when it becomes impracticable to continue wearing it any longer.
- The most common error people make once they realise they are covered in ACM dust is to immediately jump in a vehicle to drive home and get cleaned up there. The problem with that response is you will leave behind you a trail of contaminated areas that will all have to undergo an expensive deep-clean before they are safe to use again.
  - Workers who have suffered an unplanned exposure to possible asbestos must follow this recommended decontamination protocol:
    - Continue to wear your face mask. It is essential you continue to avoid breathing in the dust and fibres that will almost certainly be on your person.
    - If you were not wearing a mask at the time of exposure, make sure you remove yourself from the contaminated area and then restrict all your movements to the absolute minimum. You should arrange for someone to give you a FFP3 face mask and then proceed with the decontamination process.
    - You should assume your hair, skin, clothes and shoes have all been contaminated with asbestos fibres and therefore take precautions not to spread them further.
    - Don't sit down, move slowly and restrict movements to minimise the contamination of further areas. Relocate to a kitchen or bathroom, preferably without a carpet.
    - Ask a colleague to fetch some rags, water, and a set of clean disposable overalls. You will also need asbestos-waste plastic bags.
    - Using a damp cloth, clean your exposed face and hair, but do not remove your mask. Pat rather than rub to avoid spreading any fibres present.
    - If a shower is available, wearing a face mask carefully undress. Take a long shower to dislodge fibres from your hair and skin. Dress using the new overalls.
    - If a shower is not available, still wearing your face mask, use wet rags to pat your hands, face and hair. Carefully remove your outer clothing and don the overalls. Once you are clean of obvious dust, consider replacing your mask with a clean one, and then head home for a shower and clean clothes, making sure you keep your hair covered with the integral hood. Carry nothing that may be covered in contaminated dust as you don't want to contaminate the vehicle you are travelling in.
    - Your clothes, shoes and rags must be treated as asbestos-contaminated waste, bagged-up and disposed of as asbestos-contaminated waste.
    - Decontamination, taking a shower, and getting clean clothes is clearly the priority, but you should make yourself available for a debriefing as soon as you can the same day. Management will need to undertake a full investigation and arrange for the decontamination of the rooms in the property affected.

All workers (employees, contractors and agency staff) must sign this statement before they begin work on this site. By signing, you are confirming you have received a site induction talk, read and understand the safe working controls operating on this site to create a safe working environment. This includes reading the available asbestos survey to inform you of where known and suspected ACM deposits may be located. Compliance with safe working methods is mandatory. Failure to observe them puts everyone's safety and job security at risk. Disciplinary action will be taken against persistent offenders. Take personal responsibility for you own actions and don't allow others to compromise you.

Date	Company	Print name	Signature
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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3	Possible: 35% - 65% Could occur at sometime	3	Low risk of personal injury requiring medical attention at A&E Department	16 - 20	Only under supervision of Site Manager
4	Probable: 65% - 95% Very likely to occur	4	Moderate risk of personal injury resulting in more than 7 days off work	21 - 25	Do not proceed as the risk is too high
5	Very probable: 95% - 100% Almost certain	5	High risk of life-changing injury, long-term chronic illness, cancer and death		Make reference to the CDM Plan when assessing risk