

Risk Assessment Method Statement



Version 1.7

Project (and Site if different)	Ferry Island, London, N17 9FR	Severity: (S)	Likelihood: (L)	Risk Rating (S x L)
Client	JRL Midgard	Severe – Fatal or long-term disabling injury/illness 5	Certain 5	Very High 20-25 Immediate action required - stop activity or reduce risk
Document Ref	RAMS01-22461-R0	Major - injury or illness 4	Likely 4	High 12-19 Urgent action required - as soon as practicable
Date prepared	20 October 2022	Moderate – moderate injury or illness 3	Possible 3	Medium 8-11 Keep under regular review and investigate further measures to reduce risk
Prepared by	Adam Bamford, BSc MIOA DipIOA, Principal Acoustics Consultant	Minor – minor injury / illness 2	Unlikely 2	Low 1-7 Acceptable risk
		Insignificant – nil or delay only 1	Rare 1	

- Cass Allen Associates Ltd are certified Worksafe Consultants (SMAS Membership Cert. No. 22300).
- All site staff are accredited under the Construction Skills Certification Scheme.



1) GENERAL PROCEDURES TO BE FOLLOWED

- This Risk Assessment Method Statement (RAMS) must be read, understood and signed by all staff carrying out the survey. The RAMS must be approved by a senior member of staff (e.g. Senior Consultant or Director).
- When completing this RAMS, operatives must plan how the work will be undertaken considering all known and anticipated risks. To aid in identifying risks, operatives must discuss the survey work with the Client in advance and ask whether there are any known hazards at the site (e.g. holes, heavy machinery, asbestos, power lines, unexploded bombs, needles, animals, poisonous plants etc).
- Any changes to the template RAMS must be approved by a senior member of staff.
- If activities are expected to carry High or Very high Risk Ratings then mitigation must be introduced to reduce the risk rating to Medium or, where possible, Low.
- If the Risk Rating of an activity cannot be reduced to Medium or Low then the activity must not be carried out. In this instance the RAMS must be approved and signed by a Director.
- Operatives must work in accordance with the approved RAMS and Cass Allen's Health & Safety Policies at all times. When working on active building sites, site specific procedures must also be followed.
- If in any doubt, operatives must stop work and report to a site supervisor and a senior member of staff.
- If additional risks are identified whilst onsite, operatives must stop work and reassess the RAMS to ensure the work can be completed safely. As above, any changes to the template RAMS must be approved by a senior member of staff.

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EQUIPMENT REQUIRED

- Work vehicle (or personal vehicle insured for business use)
- Noise, vibration and dust monitoring systems and associated peripherals with outdoor boxes and external batteries
- Safety equipment (hard hats; safety footwear; high-visibility jackets / vests, and safety gloves)

2) METHOD STATEMENT

No.	Activity (Ref)	Required Time	Method
1.	Travel to site	1-2 hours	Drive to site from Bedford or home
2.	Carry out site induction	0-1 hr	As per site requirements
3.	Set up construction monitoring equipment	1-2 hrs	Set up the construction monitoring around the site at the pre-determined locations. The equipment will be fixed directly to the existing site hoarding or via marine ply to protect existing artwork (where required) and will be powered by 110V site power via transformers. If a ladder/step ladder is used to set up the equipment then this will be operated in accordance with Cass Allen's ladder policy. Two Cass Allen personnel will be required for the remaining equipment installation.
4.	Travel back	1-2 hours	Drive back to Bedford office or home from Site.

3) RISK ASSESSMENT

Activity Ref	Activity	Potential Hazard	Person at Risk	Severity (1-5)	Likelihood (1-5)	Risk Rating (S x L)	Mitigation	Residual Severity (1-5)	Residual Likelihood (1-5)	Residual Risk Rating (S x L)
1 and 4	Driving to and from site	Mechanical failure	Consultant, other road users	5	2	10 (Medium)	Check vehicle for obvious signs of mechanical issues. Ensure topped up with oil and fuel. Check tyres.	5	1	5 (Low)
1 and 4	Driving to and from site	Traffic accident	Consultant, other road users	5	3	15 (High)	Take regular breaks. Rest at the first signs of fatigue (see item 2 below). All personnel to carry charged mobile phones and first aid kit in vehicles. Vehicle breakdown cover provided for all company vehicles (R.A.C.). Do not operate electronic devices when driving (including satellite navigation units, mobile phones). All personnel to carry relevant licenses and insurances for vehicles.	5	2	10 (Medium)

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2 and 3	Site survey	Electrocution from existing wiring	Consultant	5	3	15 (High)	Do not undertake any electrical work (any electrical work to be undertaken by a qualified electrician appointed by the Client). Steer clear of any electrical substations or exposed wiring. Do not use extension poles in close proximity to overhead electrical cables. Report any exposed wiring to site management.	5	1	5 (Low)
2 and 3	Site survey	Slip, trip or fall. Asbestos contamination.	Consultant	3	2	6 (Low)	Wear steel toe-capped site boots with ankle support. Wear cotton safety trousers. Plan movements when carrying equipment. Carry charged mobile phone at all times. Do not walk through unknown areas or on undulating ground in poor light. Familiarise yourself with the area during the daytime if possible. Always follow any site specific safety procedures. All consultants to hold CSCS Cards.	3	1	3 (Low)
2 and 3	Site survey	Adverse weather	Consultant	4	3	12 (High)	Wear appropriate clothing for the season including coats, scarves, gloves, thermal underwear etc. Carry charged mobile phone at all times.	2	2	4 (Low)
2 and 3	Site survey	Dealing with abusive people – attack/mugging	Consultant	5	3	15 (High)	Carry charged mobile phone at all times. Do not walk through unknown areas or on undulating ground in poor light. Familiarise yourself with the area during the daytime or from maps or satellite imagery if possible. Inform another colleague of intended whereabouts and schedule. Walk away from potentially abusive situations.	5	1	5 (Low)
2 and 3	Site survey	Hit by vehicles/mobile plant	Consultant	5	3	15 (High)	Wear high visibility clothing when working in the vicinity of roads or railways. Always follow any site specific safety procedures. All consultants to hold CSCS Cards.	5	1	5 (Low)
2 and 3	Site survey	Hit by falling objects	Consultant, other workers	5	2	10 (Medium)	Before carrying out any tasks onsite review the potential for being hit by falling objects. Where a risk is identified alert the site supervisor or project manager. Avoid working beneath any suspended loads. Avoid creating the risk of a falling load when working at height. Always follow any site specific safety procedures. All consultants to hold CSCS Cards	5	1	5 (Low)
2 and 3	Site survey	Injury from machinery	Consultant/other workers	5	3	15 (High)	Before carrying out any task be aware of hazards on site, e.g. unattended machinery, trip hazards, Where any risk is identified alert the site supervisor or project manager. Wear appropriate PPE, and follow all site safety guidance.	5	1	5 (Low)

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2 and 3	Site survey	Injury from manual handling	Consultant	4	3	12 (High)	When attempting to lift any object: plan the action; assess the load, where it has to go, and how it may be handled; minimise the exertion required and use aids such as a trolley where possible; take a secure hold on the load, keep the arms as close to the body as possible and make all movements as smooth as possible, lifting slowly without jerking; keep the back straight, avoiding actions which involve stooping, twisting and bending, especially in repetitive situations such as may be required for day to day filing; do not attempt to lift objects of more than 20 kilograms weight or where any dimension of the load is greater than 75 cm. If this is necessary, get someone to help. All consultants to hold CSCS Cards.	4	1	4 (Low)
2 and 3	Site survey	Fall, Injury	Consultant	5	3	15 (High)	Do not work at heights. Avoid scaffolding wherever possible. Steer clear of any unprotected edges (e.g. scaffolding, unfinished facades, stairs etc). All unprotected edges should be reported to site management immediately. All consultants to hold CSCS Cards.	5	1	5 (Low)
3	Use of ladders (Site survey)	Fall, Injury	Consultant	5	3	15 (High)	Check ladders for signs of damage and wear daily. Maximum safe ground side slope 16 degrees (level the rungs with suitable device). Maximum safe ground back slope 6 degrees. Have a strong upper resting point (not plastic guttering). Floors should be clean, not slippery. Short duration work (maximum 30 mins.) Light work (up to 10kg), ladder angle 75 degrees – 1 in 4 rule (1 unit out for every 4 units up). Always grip the ladder when climbing, do not overreach. Do not lean backwards. Keep both feet on the same rung or step throughout the task. Do not work off the top three rungs this provides a handhold. All consultants to hold CSCS Cards.	5	1	5 (Low)
3	Use of Step ladders and platforms (Site survey)	Fall, Injury	Consultant	5	2	10 (Medium)	Check step ladders pre-use check (feet included), ensure there is space to fully open, use any locking devices, ground should be firm and level, floors should be clean, not slippery. Step ladders and platforms in use for short duration work (maximum 30 mins.), light work (up to 10 kg). Do not work off the top two steps (top three steps for swingback/double sided stepladders) unless you have a safe handhold on the steps. Avoid side-on working, do not overreach, make sure your belt buckle stays with the stiles of the step ladder and keep both feet on the same rung or on the platform throughout the task	5	1	5 (Low)
3	Site survey	Injury during or after equipment setup	Consultant/other workers	4	3	12 (High)	Inform site security / management of the equipment set-up and keep set-up as neat as possible (tuck away loose cables wherever possible) If operating a drill, ensure that you have a controlled grip of the drill. Make sure that you have a steady balance if stood on a platform/ step ladder. Inform site staff of equipment location and recommend the use of barriers, signage, etc. (where applicable) to reduce the risk of the equipment being accessed after the site visit.	4	1	4 (Low)

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3	Site survey	Hearing damage from existing noise sources	Consultant	4	3	12 (High)	Wear ear defenders when working near sources of potentially high noise levels (e.g. busy roads, rail lines, industrial units, machinery)	1	3	3 (Low)
3	Handling lead acid batteries (site survey)	Injury due to incorrectly handling the battery	Consultant, other nearby site operatives	5	3	15 (High)	The operative carrying the battery must be wearing suitable gloves and glasses. Before leaving for site, the Consultant should familiarise themselves the company procedure for lifting heavy items and ensure that they fully understand this procedure. Before moving the battery, the Consultant should inspect the route they plan to take to identify any potential trip hazards.	5	1	5 (Low)
3	Handling lead acid batteries (site survey)	Electric shock caused by incorrectly setting up the battery	Consultant, other nearby site operatives	5	3	15 (High)	Before leaving for site, the Consultant should ensure they know how to connect the battery to its monitor. Connect the negative cable connection to the negative battery terminal. Connect the positive cable connection to the positive battery terminal. Always connect the negative battery terminal before connecting the positive battery terminal.	5	1	5 (Low)
3	Handling lead acid batteries	Injury from battery acid	Consultant, other nearby site operatives	5	3	15 (High)	Ensure the battery remains upright at all times, to reduce the likelihood of any battery acid leakages. Before touching the battery, visually inspect the battery and its surrounding area to check for any liquids. If any unknown liquid or suspected battery acid is identified, inform the site manager immediately and do not touch the liquid. Warn nearby site operatives not to touch the liquid. Do not leave the battery unattended until site management confirm this is safe to do so.	5	1	5 (Low)

4) CONFIRMATION

- All site staff must insert their signatures below to confirm that they have read and fully understand the Risk Assessment Method Statement.

Names:	Adam Bamford, BSc MIOA DipIOA, Principal Acoustics Consultant	Anthony Coraci, MSc DipIOA MIOA, Senior Acoustics Consultant	Dominic Perrett, MSc MIOA, Acoustics Consultant	William Lewis, BSc, Acoustics Consultant
Signature:				
Date:	20 October 2022	20 October 2022	20 October 2022	20 October 2022