

Risk Assessment and Method Statement

1. Client		2. Location	
Sandvik Osprey		Neath	
3. Exact location of work		4. Order Number	
Aluminium Sizing Proposed Site			
5. Job Summary:			
Excavate for foundations of New Extension (Aluminium Sizing Building)			
6a. Anticipated Start Date	6b. Anticipated end Date	6. Duration	
Not yet confirmed			
8a. Access & Egress			
Main Entrance Road			
8b. Establish from Client Assembly Point			
9. List of employees		10. Emergency telephone number	
Ricky Davies Richard Squires Mark Robinson Jack Pullen		R. Oliver 07501202325	

11. Job Process / Content

Information:

We are informed that 2 x trial holes have been dug in the relevant area. In one of the bore holes Asbestos (Chrysotile) was located at a 1m depth. We are informed that previous trench work in the locality exposed no asbestos. This document proposed initial actions in preparation for encountering asbestos on initial dig. An updated document will be submitted after initial dig when more information becomes available.

Authorities / Admin

- Site Manager to seek information from Project Manager on cable routes
- Obtain Permit
- Site Manager to liaise with staff and managers to explain the nature of work occurring and expected plant movements. Explain that allocated Banksman will be controlling traffic movements.

Ensuring that all Staff are Aware of RAMS

- Brief Bardic staff with regards to RAMS and obtain signatures

Create Safe Working Environment

- Establish Welfare Facilities
- Set up safe working area with use of Heras Fencing, with signage warning of asbestos
- Safely deliver Plant to site
- Establish Banksman
- Layout plastic sheeting in area of 10m x 5m to lay down excavated material for checking initial dig. Need to establish whether there is a sole sheet of asbestos on dig or further contamination.

Prepare to Work

- Mark out location of dig
- Cat Scan locations
- Staff to be trained for non-licensed work
- Staff to wear disposable overalls- Type 5 (BS EN ISO 13942-1+A1)
- Use of latex gloves
- Use of non-laced boots
- Use of disposable respirators (FFP3)
- Negotiate with Sandvik decontamination area which will be solely for contractors use and to be cleaned daily

Stages of Work

- Utilise petrol floor saw to cut hole locations
- Utilise 360 excavator and hammer attachment to excavate holes. One plant operator and one banksman.
- Dampen area of initial dig with water and continually wet as dig progresses
- Slow dig to take place at location of trial holes carried out by Sandvik, to locate asbestos sheet identified during trial hole
- Once sheet is located, assessment to take place as to quantity and contamination level
- Sheet fragments located can be 'double-bagged' and disposed of at licensed disposal site.
- Other soil to be disposed of in waste skips

- If there is further contamination, options will include: setting excavated material down in allocated area, handpicking sheet fragments and double bagging. If this becomes impractical because of quantities, all excavated material may be treated as contaminated waste. Advice will be sought in this circumstance as to best procedure for removing from site. Risk Assessment and Method Statement will be live document which will continually be updated as more information becomes available. Client will be kept updated at each stage and options discussed.
- Monolithic Environmental Services will be on site on day of first dig to be able to guide as to specific action if high levels of asbestos are located.

- Decontamination: Use damp rags to clean all machinery and tools including machine bucket; Boots to be cleaned with damp rags; utilise vacuum brush to clean suits; take off disposable suits (inside out) and gloves and place in waste bag

12. Relevant Risks and Referenced Risk Assessments

Work Area	Tick	Work Area	Tick
101 Working in Dusty Environments		102 General Fire Risk in the Workplace	
103 Asbestos Containing Material	X	104 Use of Waste Skips	X
105 Work which disturbs Non Asbestos Insulating Materials		106 Drilling Holes in Asbestos Cement Ceiling Panels	
107 Steam & Pressure Washing		108 Disposal of Fluorescent Luminaries	
109 Materials Storage (General)		110 Storage & Use of Liquid Petroleum Gas (LPG) - up to 150 Litres (66kg)	
111 Storage & Use of Highly Flammable Liquid (HFL)		112 Safe Use of Abrasive wheels	X
113 Safe Use of Arc Welding Equipment		114 Use of Hand Tools	X
116 Use of Laser Levelling Equipment		119 Use of Ladders & Mobile Scaffolding Towers (MST) for General Access and Works of Short Duration	
120 Use of Portable Electrical Equipment		121 Noise	X
122 Hot Work		123 Holes, Voids and Edges	X
124 Use of Mobile Elevated Work Platforms (MEWPs)		125 Use of Lifting Equipment (General)	
126 Slings of Loads		127 Work on Equipment containing Polychlorinated Biphenyls (PCBs)	
128 Lone Working		129 Use of Fork Lift Trucks	
130 Use of 110v Hammer Drill		141 Work Near Overhead Electrical Cables	
143 Single Man Working Platforms		144 Young Persons at Work	
201 Use of Compressors and Pneumatic Power Tools		202 Use of Portable Woodworking Machines	
203 Use of and Work Around 180 and 360 Degree Excavators	X	204 Dry Lining and Plastering	
205 Underground Services	X	206 Temporary Offices, Welfare Accommodation & Storage on Construction Sites	
207 Installation & Use of temporary electricity Supplies		208 Work in and around occupied Premises	
209 Road Transport on Site	X	210 Work on Scaffolding	
211 Carpet Fitting and Floor Tiling		212 Confined Space Working - Application of Paint	
214 Wall & Floor Tiling		215 Confined Space Entry - Ducts	
216 Confined Space Working - Sewers/ Pipelines		301 Use of Portable Pipe Threading 302 Installation of External Water & Gas Mains	
303 Installation of New Hot/ Cold Water System		304 Installation of New Boiler	
305 Installation of Sanitary Ware		306 Installation of Thermal Insulation	
307 Installation of Ventilation Systems		308 Installation of Building Management Systems	
401 Electrical Safe Isolation		402 Transportation and Handling of Cable Drums	
403 Manual Handling: Offloading Materials	X	601 Power Planer - 110v 602 Circular Saw - 110v 604 Use of Nail Guns	
602 Circular Saw - 110v		603 Erection of Trusses/ Joists	
801 Transportation of Petroleum Gas (LPG) - up to 150 litres (66kg)			

Summary

13a. Summary of main risks to public / residents / factory workers / traffic / property

- Injury from Heavy Machinery (forklift, dumper and excavator)
- Slip, trip and fall
- Exposure to Asbestos

13b. Action to address

- Working area will be cordoned off with use of fencing, warning signs erected
- Banksman will be utilised in area to control traffic movement
- Clean site maintained with excavated material moved to disposal skips at earliest opportunity. Asbestos will be segregated as described above
- Excavated holes will be kept fenced off until backfilled.

14a. Summarise risk to Bardic Construction employees

- Injury from Bardic Plant machinery
- Injury from Sandvik Forklifts
- Slip, trip and fall hazards
- Noise
- Exposure to Asbestos

14b. Action to address

- Only trained operatives to utilise plant
- PPE to include helmet, safety boots, head protection, ear protection and asbestos protection equipment already listed above
- Clean and tidy working environment to be maintained
- Banksman to be observing Bardic work and Sandvik plant movements at all times and control movements in proximity of work being carried out.
- Employees to be trained for non-licensed asbestos work
- Follow all precautions listed in this document and HSE docs em6, em7, em8, em9

15. Supervisor's Declaration

1. I am aware of the guidance contained in the ticked Risk Assessments and have implemented appropriate safety measures.
2. I am aware of and commit to my supervisory duties.
3. I deem myself competent to perform the tasks I am required to carry out as part of this project and have identified any Health and Safety concerns to the company Health and Safety representative.
4. I will ensure all staff working on this project are briefed as to the content of this document and sign the below record

Signed: Print: Date:

18. Bardic employees / Sub-Contractor Declaration - I have been briefed in respect of the content of this document and am aware of my role and responsibilities whilst present on site. I deem myself competent to perform the roles I am performing.

[illegible]