

Asbestos Removal.

1.1 Description of activity

The works involve the removal of asbestos cement sheeting factory/warehouse roof.

Works are to bonded asbestos cement sheeting

AMIANTE STR will be involved in the asbestos removal works and demolition works and all enabling works will be carried out by Amcio Developments--these will include (but not be limited to):

Erection of site hoarding; removal of internal suspended ceilings; internal "soft strip" (e.g removal of exhaust ductwork and clearance of area); isolation of power (factory area) and supply of mains water and welfare facilities.

Removal of asbestos cement sheeting will be carried out from "inside" the factory/warehouse area.

Roof sheeting will be sprayed with fibre suppressants and retaining bolts will be cut using bolt croppers.

Sheets will be carefully removed and lowered in one piece to floor level and stacked immediately in the asbestos waste skip on site

Any damage/broken materials will be cleaned using a type H vacuum cleaner





Aerial ---factory is in centre of picture.

1.2 Supervision and personnel

AMIANTE STR Ltd---staff involved:

Contracts Manager: Paul Merritt--07846419984 (contracts@amiente.co.uk)

Supervisor: Ryan Downie--07850927559

AMIANTE STR Ltd- OFFICE--02392230700 (enq@amiente.co.uk)

1.3 Training

All operatives and supervisor will be adequately trained to carry out required tasks.

Contracts Manager carries an Asbestos Removal Contractors Association "Contracts Manager" card

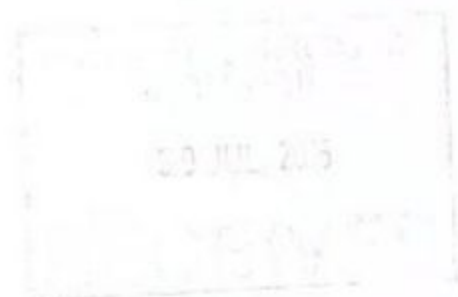
Site Supervisor carries an Asbestos Removal Contractors Association "Supervisors" card.

All site operatives hold current certification and have the following training:

- CSCS certification
- Trade association training passports

1.4 Legislation

- Health and Safety Work Act 1974
- The Management of Health and Safety at Work Regulations 2006
- Workplace (Health, Safety and Welfare) Regulations 1992
- The Control of Asbestos Regulations 2012



- Provision and Use of Work Equipment Regulations (PUWER) 1998
- The Reportable Injuries Diseases & Dangerous Occurrence Regulations 2013 (RIDDOR)
- Control of Substances Hazardous to Health Regulations 2002
- The Work at Height Regulations 2007
- The Personal Protective Equipment at Work Regulations 2002
- The Manual Handling Operations Regulations 1992
- The Construction (Design and Management) Regulations 2015

1.5 Method of access

Access from front of premise is via Sultan Road and rear is from Seagull Lane.

All staff to report to site supervisor/manager for induction upon arrival.

All access and egress routes to be kept clear of equipment and stored materials at all times.

Ensure security of site/premises by closing all gate/doors and securely locking up on exit.

1.6 Working from height

Internally there will be a requirement to use mobile towers--All staff involved in the erection/dismantling of these will be PASMA trained.

At all times the site operatives must ensure that the correct PPE equipment is worn whilst working on site.

When working at height, site operatives must ensure that the working area is cleared on a periodic basis to ensure that there is continually a clear and safe working area to prevent slips trips and falls.

1.7 General waste handling

Any general waste produced will be left on site for disposal/recycling by Amclo Developments

Suitable storage areas will be designated whilst on site and will be co-ordinated with Mr Mark Budd

Any external waste routes will not cross pedestrian footpaths and will all be within the parameters of the site (e.g. inside the heras fencing/hoarding).

Ensure the correct PPE is worn when handling waste.

Always use a mechanical means of moving waste whenever possible (e.g. wheel barrow). Use good manual handling techniques when mechanical assistance is not practical or safe.

Always dispose of waste in accordance with principle contractor's environmental policy and waste management plan.

Any environmental waste accidents or spillages will be immediately reported to the principle contractor who will put into action any emergency plans and inform the relevant authorities (if necessary)

1.8 Use of skips

Asbestos waste Skips will be supplied by Associated Waste Group of 12 Barbers Road, Stratford, London, E15 2PH.

Skips will be solely for Hazardous waste (bonded asbestos cement) and will be of 20cuyd in size

Skips will be lined with 1000g polythene sheeting upon arrival and will be covered and sealed with the same prior to transportation to landfill.

Skips will should be positioned adjacent to buildings, in positions to minimise the "waste route".

Skips will be positioned to allow easy access for the skip vehicles to drop off new skips and collect full skips.

A banksman will be used when skip vehicles are reversing.

1.9 Hazardous waste

The hazardous waste produced will be asbestos cement sheeting (bonded) asbestos containing Chrysotile (white) asbestos.

All asbestos waste will be transported to a licensed hazardous waste landfill, under cover of a waste consignment note. Copies of the consignment notes will be forwarded to the main contractor once received and on completion of works.

Non-Hazardous waste should not be put with hazardous waste sent for landfill.

1.10 Hazardous Substances



Serious Systematic
Health Hazard

1.11 Emergency procedures

The client or principal contractor will ensure that any existing site emergency procedures are followed and that relevant information is given to operatives at time of induction or when changes are made to procedures.

The principal contractor is responsible for ensuring that all operatives under their control adhere to the site emergency procedures at all times.

Emergency assembly point will designated externally in Seagull Lane.

Staff will report to site supervisor at this assembly point and a register of names will be taken in accordance with daily sign-in sheets.

1.12 First aid facilities

Refer to the onsite safety notice board for all first aid information.

A first aid box with enough equipment to cope with the number of workers on site should be provided for by the client or principal contractor.

The client or principal contractor should nominate an appointed person to take care of first-aid arrangements.

The number of appointed first aiders shall be dependent on the number of employees:

5–50: At least one first-aider trained in EFAW or FAW, depending on the type of injuries that may occur.

More than 50: At least one first-aider trained in FAW for every 50 people employed.

AMIANTE STR --most staff have attended a 1 day 1st aid course and all site vehicles carry 1st aid boxes.

Nearest Hospital:

Queen Alexandra Hospital

Southwick Hill Road, Cosham

Tel 999 in case of emergency

1.13 Welfare requirements

Welfare arrangements are supplied by the client or principal contractor.

These should be in line with Schedule 2 of the Construction Design & Management Regulations 2015 (CDM). All sites are to have a minimum amount of welfare facilities available for workers, which include the following:

- Toilets
- Washing facilities
- Drinking water
- Changing rooms and lockers
- Heating
- Rest facilities

Welfare facilities will be made available in the front façade (office area) of the premises

1.14 PPE Requirements



Hard Hats



Safety Boots



Hi Vis Vest



Safety Gloves



Dust Mask

Protective Clothing

1.15 Specific PPE requirements

Staff working on the asbestos removal phase will wear as standard:

- 1) Disposable "blue" overalls, with fitted cuffs and ankles, fitted hood and with no pockets (Tyvek type--grade 5-6)
- 2) Oral Nasal respirator fitted with P3 filter (Sundstrom type--dependent upon personal "face-fit")
- 3) Head protection (specifically for normal site works outside of any contained areas)
- 4) Hi-vis vests
- 5) Gloves--orange "grip" type
- 6) Safety footwear (with steel toecap and midsole protection)

All work will be undertaken by qualified competent persons with experience of the type of work described above, and in all cases in full accordance with safety procedures specified in the company's health and safety Policy.

The work activities described within this method statement and all associated safety measures are not to be deviated from in any way. If, for any reason, the method statement cannot be implemented in full or should the described process be found inadequate for the purpose of providing a safe working environment, the affected activities must cease until such time as the method statement has been amended and re-approved as appropriate with any changes communicated by a toolbox talk to all employees involved before work recommences.

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2.0 Risk assessment

Document created: 22 Jul 15
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 Prepared by: Paul Merritt
 Position: Contracts Manager

"Tealwood" Sultan Road, Emsworth

Site address:
 Redundant "Tealwood" Building
 Sultan Road
 North Street
 Emsworth
 Hampshire
 PO10 7PP

Project reference: J3857
 Client: Amclo Developments
 Principal contractor: Amclo Developments
 Location of works: Removal of Warehouse/Factory area roof
 Site supervisor: Ryan Downie
 Site supervisor phone: 07850927559

Risk matrix

			Likelihood				
Likelihood			Very unlikely	Unlikely	Possible	Likely	Very likely
Severity			1	2	3	4	5
Risk/residual risk	Negligible	1	1	2	3	4	5
	Minor	2	2	4	6	8	10
	Moderate	3	3	6	9	12	15
	Major	4	4	8	12	16	20
	Extreme	5	5	10	15	20	25

2.1 Delivery of materials

2.1.1 Task: Delivery/Collection of skips

Hazard	Risk	Control measures	RR
Falls from height	5	Driver to avoid climbing on skips--when on floor or when on skip lorry.	1
	x		x
	4	Driver to ensure skips are loaded correctly to eliminate the need for climbing on skip lorry	4
	=		=
	20		4

Persons at risk: User

2.1.1 Task: Unloading of materials

Hazard	Risk	Control measures	RR
Injuries from falling loads or manual handling whilst unloading	5	Delivery Driver to take care when opening doors of vehicle and be aware of the security of the load	1
	x		x
	4	Tail lift (if applicable) only to be operated under manufacturer's recommended weight limits	4
	=		=
	20	Tail lift to be inspected as per manufactures recommendations	4
		If manual unloading is to be carried out items are to be positioned to the area required with the curtain / doors closed	
		Tail lift may be used as an interim platform for loading / unloading	
		Manual unloading to take account of the weight shape and distance needed to travel with the item unloaded--if possible use 2 man lift or wheel barrow/sack truck etc.	

Persons at risk: User

2.2 Preventing exposure to asbestos fibres

2.2.1 Task: Working with Asbestos materials (bonded cement products)

Hazard	Risk	Control measures	RR
Fatal disease (asbestosis/ mesothelioma) caused by inhaling asbestos fibres	5	Any control measures listed in the the Control of Asbestos Regulations 2012 act will be adhered to	3
	x		x
	5	Asbestos register to be checked for content/location	1
	=	All operatives have a minimum of type 2 asbestos training (working with asbestos cement/bonded materials.	=
	25	Removal works to be carried out in segregated areas (barrier tape & signage) and under water suppression as necessary. All sheets to be removed "whole" where possible. Works are to asbestos cement "bonded" materials where the asbestos fibre is securely linked within a cement matrix Only asbestos trained operatives to enter segregated areas Minimum PPE---disposable overalls, gloves RPE--oral nasal mask (half face) fitted with P3 filter (mask dependent upon operatives face fit)	3

Persons at risk: All site operatives

2.3 Preventing slips, trips and falls

2.3.1 Task: Movement at height or on raised platforms

Hazard	Risk	Control measures	RR
Severe or fatal injuries from slip, trips and falls at height	4	Ensure good housekeeping onsite, 'clean as you go' policy to be implemented by all site operatives across the site.	1
	x		x
	5	Any items on raised platforms to be secured to prevent risk of falling or to be removed immediately upon production, down to ground level.	5
	=		=
	20	Ensure correct PPE is worn at heights to prevent falling from height resulting from slips, trips or falls	5

Persons at risk: All site operatives

2.3.1 Task: Movement at ground level

Hazard	Risk	Control measures	RR
Severe strains, sprains and muscle breaks	4	All operatives to be shown the correct area/skips for safe storage of materials onsite before works begin	1
	x		x
	3	Ensure clear working area on site and ensure dustsheets, mats and other materials cannot slip or slide underfoot	3
	=		=
	12	Manage and remove potential slip trip hazards as they arise and notify site management if assistance required	3
		All extension leads to be "hung" not "trailed" where practicable.	
		Do not carry items that will hinder the carrier's clear sight of view	
		All rubbish to be removed from site at scheduled times, organised by site supervisor and in line with the site waste management plan	

Persons at risk: All site operatives

2.4 Working on mobile scaffold

2.4.1 Task: Working on mobile scaffold

Hazard	Risk	Control measures	RR
Falls or serious injury from collapse of structure due to unsafe erection	4	The employer will ensure that all employees required to erect, alter or dismantle mobile scaffolds, receive the necessary training in accordance with the Working at Height Regulations	1
	x		x
	5	All mobile scaffolds shall be erected to manufacturers / suppliers instructions by PASMA trained operatives	5
	=		=
	20		5
		If a static tower is to be free standing, the height to base ratio, using shortest base dimensions, should be 4:1 for internal use 3.5:1 for external use	
		If the tower is a mobile tower that is fitted with castors or wheels, the ratios are: Inside a building 3.5:1, Outside buildings 3:1. The minimum base dimensions can be increased, and stability improved by the use of out-riggers or stabilisers. The recommended maximum height for a free standing tower is 9.6m when mobile, and 12m when static	
		Mobile scaffolds should not be used outside in adverse weather conditions, If they are to be left erected overnight then they will require the brakes to be applied on the wheels/castors and tied or secured to a permanent structure	
		All works from mobile scaffold towers will be carried out from "within" the premises	

Persons at risk: User

Falls or serious injury whilst working from mobile scaffold tower	4	All operatives will be PASMA trained in the safe use, erection and dismantling of mobile towers	1
	x		x
	4	Staff should not "surf" on mobile towers (all brakes to be locked on when tower in use).	4
	=		=
	16	Towers not to be moved whilst personnel are on the platforms	4
		Stabilisers to be installed as necessary (as per manufacturers instruction)	
		Mobile scaffolds must not be used or moved on sloping, uneven or obstructed surfaces (unless fitted with adjustable legs for levelling)	
		Overhead obstructions should be noted i.e. ceiling heights, roof members, electrical light fittings etc. and in particular overhead electricity cables when using mobile scaffold	
		Only the access ladder securely installed to mobile tower may be used to access various levels of mobile tower	

Persons at risk: All site operatives

Injuries sustained from falling objects	4	A suitable working platform must be provided which is closely boarded, incorporates guard rails and a toeboard on all four sides	1
	x		x
	3	Mobile scaffolds should never be overloaded	3
	=		=
	12	Materials should be securely stacked and brick guards or netting used	3

Persons at risk: All site operatives

2.5 Preventing falling debris or tools from height

2.5.1 Task: Movement at height

Hazard	Risk	Control measures	RR
Serious or fatal injuries sustained from falling debris or tools	4	All site operatives to follow PPE requirements including wearing of hardhats on site	1
	x		x
	5	Safe working areas to be cordoned off when any works are undertaken overhead	5
	=		=
	20	All working platforms, scaffolding, mobile towers etc. to be erected by a competent person and to include any protection (like toe boards) to eliminate tools falling from height	5
		Any persons working from height to be trained in the safe use of tools, and to be made aware of the dangers from falling tools from above	
		Any areas where the public are exposed to possible falling debris or tools to be protected by the use of safety nets, hoarding and other failsafe structures	

Persons at risk: All site operatives & public

2.6 Working on fragile roof structures at height

2.6.1 Task: Working on/with unsafe roofing materials at height

Hazard	Risk	Control measures	RR
Potentially fatal or serious injuries caused by falls from unstable roof structure or other structures from height	5	Works involve the removal of asbestos cement roofing sheets to warehouse/factory area---no access onto roof sheets by staff---all works from below/inside.	4
	x		x
	5	The need to work from height is still required but works will be carried out from below the roofing structure on a tower.	1
	=		=
	25	Any areas of height at risk of serious or fatal injury needs to have a safe system of work employed by the site supervisor All site operatives working from height to be trained in the safe method of working from height by own company and inducted by site supervisor on safe system of work Site supervisor to ensure any permanent or temporary access equipment that's been installed has been checked and maintained by competent person before, whilst and after using equipment No perimeter "hand rails/guard rails" will be installed as no access will be made on to the roof.	4

Persons at risk: User

2.7 Moving of general materials of normal size and shape

2.7.1 Task: Moving of materials of a regular shape and size

Hazard	Risk	Control measures	RR
Injuries sustained from incorrect manual handling of materials with a regular shape and size	4	All hazardous manual handling operations should be avoided so far as is reasonably practicable	1
	x		x
	3	The workforce will be trained to observe safe lifting techniques, and safely handle loads for materials of regular shape or size	3
	=		=
	12	Any heavy or awkward loads should be moved using a handling aid where possible	3
		If not using handling aids, consider reducing weight of load by breaking up materials to a more manageable size	
		If breaking up into smaller loads consider frequency of bending and how this can be managed efficiently with site operatives	
		Consider lifting in teams if load is already considered within acceptable limits	
		Any of the regular shaped materials should be light, stable and unlikely to shift or move during lifting	
		Before undertaking any manual handling operations, make sure the route is clear of obstructions and somewhere to put the load down wherever it is to be moved to	
		All operatives to be wearing correct PPE for the job	
		The operative should stand as close to the load as possible, with feet spread to shoulder width, bent knees and the back in a natural, upright posture	
		The user should grasp the load firmly and as close to the body as possible	
		The legs should be used to lift the load in a smooth motion, this offers more leverage reducing the strain on the user's back	
		Carry the load close to the body with the elbows tucked into the body	
		Avoid twisting the body as much as possible by turning your feet to position yourself with the load	
		Reduce the risk of injury so far as is reasonably practicable	

Persons at risk: User

2.8 Using portable power tools

2.8.1 Task: Using portable power tools

Hazard	Risk	Control measures	RR
Electrocution causing serious or fatal injuries whilst using portable power tools	3	Only 110v or battery operated equipment to be used	1
	x	Electric equipment to be kept dry and stored in toolbox to protect from damp and damage	x
	5	Visual inspection prior to use, plugs, leads, power supply (transformer), insulation, switches, RCD(if used), signs of burns, casing, loose parts	5
	=		=
	15	Damaged or defective equipment including leads to be replaced immediately or fixed by competent person	5
		Electrical equipment must not to be tampered with, anything showing evidence of tampering must not be used until tested by a professional	
		Electrical equipment to be PAT tested	
Persons at risk: User			
Hearing loss to site operatives working near noisy power tools	3	All operatives trained in risks of noise exposure	1
	x	Suitable hearing protectors should be provided for operatives and any surrounding workers	x
	2		2
	=	Use low-noise tooling where possible	=
	6	Other trades using grinders or other high noise emitting tools should not be working close enough to other site operatives to cause problems	2
Persons at risk: All site operatives			
Serious cuts, injuries or amputations to body parts from the incorrect use of cutting tools	3	All operatives to be trained in the safe usage of power tools	1
	x	Always choose the right tool for the job	x
	5	Ensure all portable tools are set up correctly and securely fastened to worktops as per product specifications	5
	=		=
	15	Ensure any portable tools that are set up, are in a designated safe area avoiding thoroughfare of other workers or vehicles	5
		All cutting tools to have safety guards incorporated, fastened securely and regularly checked and maintained	
		Ensure no loose clothing is worn in the vicinity of cutting, and gloves are worn at all time	
Persons at risk: User			

Site briefing and induction form

"Tealwood" Sultan Road, Emsworth

All persons who have signed below confirm that they have been briefed on the safe working methods and arrangements detailed in this method of work statement.

[illegible]