

SITE SPECIFIC RISK ASSESSMENTS

The non-asbestos hazards on this contract have been risk-assessed as follows:								
Severity	Fatality	5	5	10	15	20	25	Action from Risk Values 0-4 LOW RISK: Ensure controls are followed and method of work is not altered. 5-10 MODERATE RISK: Tolerable if cost of reduction would exceed the improvement gained (reasonably practicable). 11-25 UNACCEPTABLE RISK: Cannot be justified. Control measures must be introduced to bring down either the severity or, more usually, the likelihood.
	Major injury	4	4	8	12	16	20	
	Moderate Injury	3	3	6	9	12	15	
	Minor Injury	2	2	4	6	8	10	
S	Insignificant Injury	1	1	2	3	4	5	
			1	2	3	4	5	
			Very unlikely	Unlikely	Likely	Very Likely	Almost Certain	
		L	Likelihood					

Reference			
Severity	<i>Fatality</i>	-	<i>Death</i>
	<i>Major injury</i>	-	<i>Injuries requiring more than 3 days absence</i>
	<i>Moderate Injury</i>	-	<i>Injuries needing first aid</i>
	<i>Minor Injury</i>	-	<i>Injuries not requiring treatment</i>
S	<i>Insignificant Injury</i>	-	<i>No Injury</i>

Site Specific Risks:

If the controls detailed within Shield Risk Assessments are suitable and sufficient; no further information is required, where further site specific controls need to be edited, amend and complete extra assessments in the following table.

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			S	L	R		S	L	R
RA03	Being struck on the head while on site. • Shield personnel.	Fatality, Head injury, trauma.	5	5	25	Hard Hats (BS EN 397) are to be worn by all persons, including visitors, in designated Hard Hat Areas, and within the exclusion zone expect when working in a respirator zone.	5	1	5
RA06	Using step ladders. • Shield personnel.	Falling off the step ladder and striking the ground, or objects on the way to the ground. Fatality	5	5	25	- Step ladders shall be inspected before use, by competent person, ensure all four stepladder feet are in contact with the ground and the steps are level; ensure any locking devices are engaged. - Ladders tags to be used and attached to all step ladders, step ladders shall be inspected by a competent person every three months, ladders to be EN131. - Only carry light materials and tools; do not leave the tools on the step ladder when not using. - Over-reaching must be avoided in all cases. - Don't stand and work on the top three steps (including a step forming the very top of the stepladder) unless there is a suitable handhold. - Position the stepladder to face the work activity and not side on. - Avoid work that imposes a side loading, such as side-on drilling through solid materials (e.g. bricks or concrete). - Where side-on loadings cannot be avoided, you should prevent the steps from tipping over, e.g. by tying the steps. Otherwise, use a more suitable type of access equipment. - Maintain three points of contact at the working position. This means two feet and one hand, or when both hands need to be free for a brief period, two feet and the body supported by the stepladder. - Hard Hats (BS EN 397) are to be worn by all persons, including visitors, in designated Hard Hat Areas, and within the exclusion zone expect when working in a respirator zone.	5	1	5

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RA07	Use of hop ups for short duration work only. Shield personnel.	Falls from height, Fatality	5	5	25	- Damaged or painted hop up's will be removed from the workplace immediately. - Hop up's must be checked before use. - Hop ups must only be used by competent persons Selected for use to areas where it is too small an area where platforms would hinder process and cause over reach, backwards fall and impact with platform. - Persons ensure the intended floor area for use of hop up is clean, free from obstructions, and that ground area is firm. - Do not use on poor ground, fragile surfaces or near voids. - All feet on the hop up must be on a firm, flat surface. - Provision of safe means of access/egress to hop ups. - Approved access only within working vicinity. - Not to be used on top of other platforms, (Scaffold, Mobile towers etc). - Hard Hats (BS EN 397) are to be worn by all persons, including visitors, in designated Hard Hat Areas, and within the exclusion zone expect when working in a respirator zone.	5	1	5
RA12	Potential exposure to asbestos fibres within or outside an enclosure. - Shield personnel. - Tenant	Inhalation of Asbestos fibres. Fatality Respiratory health problems. Potential development of asbestos related diseases.	5	5	25	- Only suitably trained and certified operatives shall be allowed to undertake this task. - All enclosures will be constructed in accordance with current legislation and industry best practice, they will be smoke tested and be fitted with a negative pressure unit giving the required minimum number of air changes in accordance with current legislation. - Access to the enclosure is restricted to authorised trained persons. - The removal of the ACM will be in accordance with current asbestos regulations, the Licensed Contractors Guide and Shield's Asbestos Policy & Procedures Manual. - Work shall be undertaken in accordance with this Plan of Work.	5	1	5

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						- Correct PPE & RPE to be worn during removal. (Overalls – EN 1149-1:2006 Cat. III Type 5/6, RPE filters P3). - Correct decontamination of operatives, waste and equipment will be followed. - Fibre suppressing techniques will be used to minimise the spread of asbestos during removal, as specified in the description of works. - The enclosure shall be disturbance tested and a certificate issued prior to entry by any contractors or sub-contractors.			
RA13	Accidental release of asbestos fibres from Waste Stream and when in transit to final disposal. Shield personnel.	Respiratory health problems. Inhalation of Asbestos fibres. Fatality Potential development of asbestos related diseases.	5	5	25	- Provision of locked and sealed container for waste material (i.e. Waste Skip or Van). - All waste to be disposed of in accordance with the Hazardous Waste Regulations 2005. (As amended.) - Disposal at a waste disposal site, which holds a valid Waste Management Licence, which is authorised to accept asbestos waste. Including production of a consignment note. - Reassurance and background air testing of transit route and van may be carried out.	5	1	5
RA14	Fire within building and work areas. - Shield personnel. - Tenant	Fatality, Asphyxiation, due to lack of oxygen, smoke inhalation.	5	5	25	- Site Operatives to be made aware of the Fire precautions required on site; for example, how to raise the Alarm, nearest Fire Call Point, location of nearest fire extinguisher, fire evacuation route, muster point and client contact name. - Suitable and sufficient fire extinguishers will be located at the entrance to all enclosures and if larger enclosures are being worked, several more will be located at strategic locations (waste bag lock, NPU, power supply points, emergency egress points etc.) - A Shield fire evacuation point may be different to the client standard evacuation / assembly point in order to prevent contamination of non-asbestos personnel.	5	1	5

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RA15	Manual Handling such as Off /on loading vehicles. Carrying and moving polythene rolls; moving and setting up NPU; carrying Transformers, and access equipment to designated location on site. • Shield personnel.	Muscular-skeletal injuries. Sprains.	4	5	20	- Manual handling assessments to be undertaken by a competent person. - All operatives to be trained annually in 'Manual Handling', correct lifting, carrying, pushing, lowering, pulling or moving of loads by hand or any other bodily force. - This training will ensure that correct grip, back, chin, feet, arms and body postures are followed for the carrying of polythene rolls, ladders, Negative Pressure Units (NPU), transformers etc. - NPU's are to be carried using 2 people one either side of the NPU. - Operatives to check their intended carrying route to ensure no obstacles are present before carrying. - Asbestos waste bags will not be overfilled by operatives. - Carrying objects will be completed as close to the body as possible. - Where possible trolleys or other lifting aids will be used to make carrying less strenuous. - Supervisors will check waste / transit routes as part of their normal day to day checks to ensure there are no slip and trip hazards. - Operatives will not attempt to lift an object which they feel or recognise as being too heavy without assistance either through mechanical aid or someone else to help them.	4	1	4
RA16	Use of portable electrical equipment, vacuum cleaners, NPU's, lighting, reciprocating saws etc. • Shield personnel.	Electrocution. Trips and falls. Fatality	5	5	25	- A visual inspection of equipment will be carried out before use. - Only 110V CTE electrical equipment to be used on site. - Asbestos Hygiene Unit operates from 240v; this must be suitably earthed using the earth rod or tested via an earth plug. RCDs are to be used at all times on all 240v Supply. - All electrical systems and electrical equipment used on sites, shall be properly maintained and accompanied with a valid electrical test certificate in accordance with portable appliance testing regulations.	5	1	5

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						- All electrical systems and electrical equipment used will be manufactured to recognised British and European standards, with suitable electrical protective devices as necessary. - All equipment found to be defective will be switched off and reported immediately. - Leads and extension cables are to be routed so as to minimise the likelihood of damage and trip hazards; cables will be placed at either high level or cable tied and kept out the way of all access routes. - All sites will have a servable fire extinguisher in case of a fire.			
RA17	Isolation of Electrical circuits and devices. • Shield personnel.	Electrocution. Fatality	5	5	25	Electrical isolation of circuits shall be undertaken by a competent trained person, before any work is undertaken with an isolation certificate issued, by the competent person or contractor.	5	1	5
RA18	Slips, trips and falls, on sites, within buildings and within the enclosure whilst working. • Shield personnel.	Fatality, Personal Injury. Sprains. Breaks in ankles and legs.	5	3	15	- All persons on site must wear suitable safety footwear (BS EN ISO 20346:2004) at all times. - Asbestos Waste with in the enclosure must be cleared away at regular intervals. - All tools and equipment must be kept in a tidy state to avoid becoming a trip hazard. - All Shield Personnel are to wear High Visibility clothing at all times when on site. - Shield supervisor to check transit and waste routes regularly (3 times a day) to ensure routes are clear. - A good housekeeping regime will be held and therefore clear access routes will be maintained at all times. - Floor surfaces to be kept in a good, clean condition. - Spilled liquids to be cleaned up immediately. - All trailing cables to be secured away from walkways - Warning notices to be put out when floor cleaning is in operation.	5	1	5

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						- Floors surfaces are kept free from grease, oil etc. - Floor surfaces not to be left highly polished. - Operatives to walk and not run which would reduce impact of any event All loose cables will be placed at either high level or cable tied and kept out the way of all access routes. - In frosty, icy and wet conditions ensure areas are covered in none slip covering or use salt to thaw ice.			
RA23	Parking and reversing vehicles and DCU, to position on site for scheduled works. - Shield personnel. - General Public	Entrapment, crushing, Fatality, broken limbs, being struck by moving vehicle.	5	4	20	- All vehicles (Van and Decontamination Unit) will be segregated where possible from other potentially affected groups. Segregation will either be hoarding or barrier tape, whichever is more effective for the location of the vehicles. - Parking and access between the working area and site to be agreed with client, before work commences. - All Operatives to ensure High Visibility clothing is worn at all times, strictly keeping to designated pedestrian walkways where applicable. - All Shield drivers to practise safe driving at all times and adhere to legal speed limits and local onsite speed restrictions.	5	1	5
RA26	Changes to the working environment upon arrival. Shield personnel.	Fatality, Personnel injury.	5	3	15	- Works will not commence; the supervisor shall contact the contracts manager. - A separate risk assessment will be filled in by the Site Supervisor to identify any new hazards and communicated to the contracts manager. - Work will only commence when the contacts manager has evaluated the new hazards, and have been managed accordingly.	5	1	5
RA29	Operative coming in contact with substance and chemicals. Shield personnel.	Chemical burns, Inhalation of fumes, Contact with eyes and eye irritation. Fatality	5	3	15	- Hazardous Chemicals are to be assessed for suitability under COSHH Regulations. - COSHH risk assessments are to be available on site. - Information on safe use will be given to operatives before they are used. - Non-hazardous materials are to be used wherever possible.	5	1	5

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						- Appropriate gloves (BS EN 374-1:2003) (BS EN 388:2003) and eye-protection (BS EN 166-1F:2001) are to be worn when handling hazardous chemicals. - Any specific substances requested by the client will have a COSHH assessment produced (safety data sheet sent to Shield technical department).			
RA30	Activity by the Operative causing an Environmental impact, by ACM removal, waste removal, generation of waste, segregation of waste, increased noise to activities on site, damage of wellbeing. Shield personnel.	Increased noise levels, potential noise nuisance, to neighbours. Environmental impact land and areas, Destruction of the habitat of protected species.	3	3	9	- All Shield personnel are responsible for: - Minimising the amount of waste. - Use skips and designated waste areas. - Comply with and dispose of waste in accordance with the Clients Site Waste Management Plan (SWMP). - Area should be cleared as work progresses. - Report any signs of Bats / Newts to Client. - Keep noise and dust to an absolute minimum.	3	1	3
RA37	Use of knives. Shield personnel.	Potential for cuts when using knives.	4	3	12	- Users to inspect knives prior to each use and not use if blade or handle is damaged or badly worn. - Use open blade safety knife when cutting thicker materials. - Ensure you cut away from body, keep free hand clear of cut etc. - Knives must be stored safely and with blades retracted at all times. - Appropriate gloves to be worn when cutting. - Ensure that all personnel promptly report any cuts and seek first aid to reduce risk of infection. - When the knife is not in use the blade is to be retracted or covered. - Knives are not to be left on step ladders runs, when not in use to be put away in toolbox.	4	1	4

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RA38	Housekeeping. Shield personnel.	Risk of falling or muscular injury unclean routes, chemical substances and highly flammable liquids etc. may cause personal injury or fire. Fatality	5	3	15	- All walkways, stairs etc. to be kept free of obstacles. - Stairways to be kept clear of obstacles and handrails provided. - All spillages to be cleaned up immediately. - Follow manufacturers' recommendations for the cleaning up of oils, chemicals etc. - The storage of goods on floors to be kept to specific areas with adequate walkways in between. - Fire doors and escape routes to be kept free of obstacles. - Waste materials to be stored in bins and removed at the end of each working shift/day. - Supervisors to check work areas at the end of each shift/day. - All cables to be kept away from areas where staff walk. - All chemical substances to be kept locked away when not in use. - All highly flammable liquids etc. to be kept in a specially provided cabinet when not in use. - All COSHH assessments made available for all substances.	5	1	5
RA39	(COVID-19 specific). Travelling to and from site. Shield personnel.	Individuals catch the virus, transfer the virus to others. Unknown risk of long-term medical effect from virus. Potentially fatal to those who have underlying medical conditions or are elderly.	5	5	25	- Reduce travel to an absolute minimum as far as is reasonably practicable. - Follow Government guidelines/daily government briefings. - Avoid public transport where practicable and where not, implement safe distancing from other travellers and contact with surface with hands. Do not touch your face. - Wash hands on arrival, during work regularly and before leaving work. - Follow Government guidelines. Identify any who fall into the at-risk category and conduct individual risk assessments depending on nature of risk. - Use provided disposable gloves at all times, even under work gloves and dispose as required.	5	3	15

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RA40	(COVID-19 specific). Individuals with COVID-19 symptoms. Shield personnel.	Individuals can transfer the virus to others. Potentially fatal and unknown risk of long-term medical effect from virus.	5	5	25	- If you feel any of the symptoms self-isolate at home and ensure the entire household self isolates following the Government Guidelines. - If symptoms become unmanageable with home/self-care call 111 or 999 and follow Government Guidelines. - If anyone in your household has symptoms the whole household should self-isolate. DO NOT COME TO WORK IF ANYONE IN YOUR HOUSEHOLD HAS SYMPTOMS. - If you start the present any symptoms, please contact your line manger immediately and follow the above steps and Government Guidelines.	5	3	15
RA41	(COVID-19 specific). Working with other contractors who potentially have the virus. - Shield personnel. - Tenants	Individuals catch the virus, transfer the virus to others. Unknown risk of long-term medical effect from virus. Potentially fatal to those who have underlying medical conditions or are elderly.	5	5	25	- Segregate trades where possible in working areas. Where lifts are used between floors restrict numbers entering the lift at one time. - Keep work team to a minimum. - Maintain 2 meters' gap between yourself and others. - Maintain good housekeeping throughout site. - Use provided disposable gloves at all times, even under work gloves and dispose as required. - Be observant of symptoms in self and others, - New persistent cough and or high temperature. - Carry handkerchief or tissues and dispose appropriately in lidded waste bin. - Cough/sneeze into hanky or sleeve not into hands. - If you feel any of the symptom's self-isolate at home and inform your line manager immediately. - If anyone in your household has symptoms the whole household should self-isolate. - Check government guidance on high risk categories and arrange home working or total shielding for workers in these categories.	5	3	15

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						- Wash hand before eating, drinking and smoking. - Wash hands on arrival, during work regularly and before leaving work.			
RA42	(COVID-19 Specific) Coming in the contact with contaminated areas/surfaces. - Shield personnel. - Tenant	Individuals catch the virus, transfer the virus to others. Unknown risk of long-term medical effect from virus. Potentially fatal to those who have underlying medical conditions, elderly or coming into contact with the elderly.	5	5	25	- Ensure suitable welfare provision is available on site. - Where biometrics security is in place ensure good cleaning, arrangements are in place. - Gloves to be worn as part of standard PPE when on site. - Ensure you wash your hands thoroughly before and after wearing gloves. - Follow Government guidelines. Identify any who fall into the at-risk category and conduct individual risk assessments depending on nature of risk. - Check government guidance on high risk categories and arrange home working or total shielding for workers in these categories. - Use provided disposable gloves at all times, even under work gloves and dispose as required. - Wash hand before eating, drinking and smoking. - Wash hands on arrival, during work regularly and before leaving work.	5	3	15
RA43	(COVID-19 specific). Visitors to and from site and normal work areas. - Shield personnel. - Tenants	Individuals catch the virus, transfer the virus to others. Unknown risk of long-term medical effect from virus. Potentially fatal to those who have underlying medical conditions or are elderly.	5	5	25	- Restrict visitors to those essential to enable works to continue. - Restrict all nonessential visitors or site staff where possible. - Follow Government guidelines. Identify any who fall into the at-risk category and encourage not to visit site unless urgent and approved by site management.	5	3	15

'I confirm that the above risk assessment was carried out by myself and covers the specific hazards and control measures relating to this job and site over and above Shield generic risk assessments and control measures and there were no further non-asbestos hazards identified.'

Signature:

Date:

Name:

Title:

