Demex Ltd
Risk Assessment For : ASBESTOS REMOVAL WORKS NON-LICENSED – Mechanical removal

Demolition Risk Assessments				**REF: C600/742**		
Address: Bungalow & Outbuildings, 29a Cemetery Rd, Hemmingfield, Barnsley, S73 0PU			Assessor / Author: Lee Rowbotham / Calum Hunter		Client: ETON Construction	
General RA's for works.	Reviewed by:	Lee Rowbotham	Date:	19th-Jan-2022	Signed By:	
L = Likelihood	HP = Potential severity	R = Risk Rating	5 = High	1 = Low based on a 5 x 5 matrix.	The higher the figure the greater the severity.	

Task	Hazard	Who might be harmed?	Initial Risk			Control Measure	Residual Risk		
			L	HP	R		L	HP	R
Removal of non-licensed asbestos containing materials	Asbestos containing materials	Employees	5	5	25	Works only to be undertaken upon receipt of an asbestos R&D survey. Demex site supervisor to identify all asbestos containing materials as identified within the asbestos R&D survey using the traffic light system, red for licensed asbestos containing materials, yellow for non-licensed asbestos containing materials and green for no asbestos detected in sample (NADIS). Operatives to be asbestos awareness and category 'B' trained to carry out the removal works. Operatives to wear type 5/6 disposable blue overalls, their face fitted Sundstrom half mask c/w P3 and pre-filter or disposable P3 mask (face fitted) and safety wellington boots. Asbestos materials to dampened using a wetting agent prior to removal. On completion of the shift or prior to any food, drink, rest, toilet or smoking breaks operatives shall decontaminate following EM8 guidance. All disposable workwear shall be treated as asbestos waste. Operatives are to undertake occupational health screening. Background and personal monitoring will not be required on this occasion.	1	5	5
	Removal of asbestos waste	Employees/3rd parties	3	5	15	All waste to be placed in EN approved red polythene bags, labelled, placed in an EN approved clear polythene bag, taped shut using a swan neck. Items to big for the bags shall be double wrapped in 1000 gauge polythene labelled and taped shut. If possible, some arising can be placed directly into a lockable waste container designated for asbestos waste in close proximity to the working area. All bagged/wrapped asbestos arising shall either be placed into a suitable lockable waste container designated for asbestos for removal from site to a licensed disposal facility or placed into a quarantine area and collected from site by a hazardous waste removal contractor . Open skips to be lined with 1000 gauge polythene leaving draps to cover over the load when full. Alliteratively loaded straight to lined asbestos waste skip by the excavator/skid	1	5	5

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			L	HP	R		L	HP	R
						steer.			
Removal of non-licensed asbestos containing materials cont....	Use of hand tools	Employees	3	5	15	All tools to be decontaminated at the end of the works by using a bucket of water and wet rags. Tools to be patted with the wet rag to remove any decontamination. The tools are to be correct for the task in hand. The tools are to be fit for use and in good working order.	1	5	5
	Working at height	Employees	4	5	20	This has been ruled out by the use of an excavator.	1	5	5

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			L	HP	R		L	HP	R
Removal by mechanical means	Release of fibres	Employees	4	5	20	Due to the risk of entrapment and working at height asbestos roof sheets will be removed by mechanical means. The roof sheets will be liberally sprayed with water/fibre suppressant fed via a pressurised water bowser, prior and during removal works. All waste will be placed direct to lined skips with 1000 gauge polythene and covered over with said polythene when not in use and prior to the skip being collected from site. All operatives in the respirator zone will wear P3 masks (face fitted) cat 5/6 disposable coveralls and will be UKATA Cat B trained. Excavator operator to keep windows and door closed at all times and move the excavator out if the area before leaving the machine (wheels to be washed off before leaving area)	4	2	8
Disposable workwear	Cross contamination of asbestos fibres. Inhalation of asbestos fibres	Employees	4	5	20	Operatives will full decontaminate in a designated area outside the respirator zone when leaving the work are either at the end of the shift and breaks. Operatives will leave on their mask until full decontaminated. Operatives will remove their disposable overalls by rolling down, removing and placing to 500 gauge polythene bag. Using a boot wash, soapy water in a bucket, boot will be washed. Using wet wipes the out edges of the exposed face will be cleaned along with the mask. Finally removing the mask, either placing to box or disposing of in the asbestos waste bag. Bagged waste to be sealed and placed to asbestos waste skip.	4	1	4