

USSL Risk Assessment

Risk Assessment No		46		Activity		Cutting and Handling of Asbestos Cement Pipes, Ducts, Sheets etc		Locations		Site Works	
Assessment Undertaken by		M. Watson		Assessment Date		Jun-17		Review Date		1/6/18	
Risk Ratings											
Persons at risk (PAR)		Severity / Harm Rating (S)				Likelihood (L)					
E	Employees / Contractors	1	Negligible injury or no injury			1	Extremely unlikely to occur at any time				
P	Members of Public	2	Minor injury requiring First Aid			2	A rare combination of factors would be required for an incident to occur				
V	Visitors	3	Lost time injury			3	Could happen, but considered unlikely under normal circumstances				
C	Clients	4	Single serious injury or single death			4	Not certain, but an additional factor may result in an incident				
		5	Multiple deaths and or serious injuries			5	Almost inevitable that an incident will result - Highly likely to occur				
Tolerance rating											
15 - 25		DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.									
7 - 14		SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or by introducing new controls.									
1 - 6		TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", if not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution									
NB. Full PPE will be utilised as a matter of course during any works undertaken											
Initial Assessment No controls						Risk Mitigation Measures					
Item No	Hazard Identification	PAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable	
1	Underground services	E	4	4	16	Read and implement the control measures detailed in Method Statement and Risk Assessment 01 'Avoiding Danger from Underground Services'.	4	1	4	Yes	
2	Untrained Personnel	E,P,V,C	3	4	12	Only trained operatives to carry out this operation.	3	2	6	Yes	
3	Defective Location Equipment	E	4	4	16	Only use calibrated equipment. Change batteries regularly and have spares available. Stop work if equipment is considered faulty.	4	1	4	Yes	
4	Pedestrians/vehicles	E,P,V,C	3	4	12	Don high-visibility clothing. Sign and guard site in compliance with Chapter 8 / NRASWA Cop. Deep excavations: i) permanently/temp reinstate ii) Place walk boards over excavation/s iii) guard excavation with Heras Type fencing.	3	2	6	Yes	
5	Asbestos cement dust	E	5	4	20	All operatives cutting/handling the asbestos cement pipes/duct must wear disposable overalls, impervious gloves and disposable respirator ESKI Type 631-EN Class FFP3 (SL) or equivalent. All operatives working in the vicinity of the asbestos cement being cut/broken must also wear disposable overalls, impervious gloves and respirator ESKI Type 631-EN Class FFP3 (SL) or equivalent. Only use hand tools to cut/break the asbestos cement with a hacksaw, handsaw, chain crackers, reed cutters or hammer. On NO account must abrasive wheels or mechanical breakers be used to cut, break or remove asbestos. Ensure that the asbestos cement is kept wet/damp during the cutting process in order to reduce the amount of dust generated. Wherever possible, an asbestos cement pipe or duct must be broken out at the joint(s) in order to assist in the reduction of cutting within the excavation. The asbestos cement must be removed in as large a section as possible. On NO account must the asbestos cement be broken into small pieces.	5	1	5	Yes	
	Asbestos cement dust - Continued		5	4	20	All cut and/or broken asbestos cement MUST be double bagged or securely wrapped in PVC sheeting if the pieces are too large for bags. Cut and/or broken asbestos MUST be placed in a red inner plastic bag and then into a clear plastic bag then sealed with string or tape. The asbestos cement bags MUST be clearly marked/labelled 'WARNING CONTAINS ASBESTOS' The working area MUST be wetted, dampened down prior to sweeping up. On NO account must the area be dry swept whilst removing asbestos cement. The disposable overalls, gloves, respirator(s) MUST be double bagged and disposed of as asbestos waste. The asbestos cement waste MUST be disposed of at a tip licensed to receive asbestos cement waste as it is classified as 'Special Waste'. A 'Special Consent Note' MUST be completed The working area MUST be segregated in order to prevent unauthorised people entering Suitable and sufficient washing facilities MUST be available on site at all times. NOTE: If you are unsure ASK your Health and Safety Department.					
6	Asbestos lagging/insulation/industrial board	E	5	4	20	On NO account must asbestos lagging/insulation/insulation board be removed by the Company's gang's, employees, or sub-contractor gangs. ONLY specialised contractors/suppliers may remove this material providing they are: i) Licensed and approved by HSE to carry out such operations. ii) Trained to carry out such operations. iii) In possession of the necessary PPE and equipment in order to ensure that the operations are carried out safely and in compliance with this Method Statement and Risk Assessment. The method of work has been approved by the Safety Department. Further guidance and assistance can be obtained from the Health and Safety Department	5	1	5	Yes	