

USSL Risk Assessment

Risk Assessment No		29	Activity			Open Cut Mainlaying (Water Only)		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	Pedestrians & vehicles	E,P,V,C	4	4	16	Operatives to wear high-visibility clothing, hard hats, safety footwear, gloves and other appropriate PPE Signing and guarding to comply with Chapter 8 and "Red Book". Use lookouts/banksmen to ensure that vehicles and the public are kept away from the working area.	4	1	4	Yes		
2	Underground Services	E	3	3	9	Read and implement the controls detailed in Method Statement and Risk Assessment 01 'Avoiding Danger from Underground Services'.	3	2	6	Yes		
3	Shoring of excavations	E	4	4	16	Excavations 1.2m or deeper must be shored. However where poor ground conditions exist at depths shallower than 1.2m shoring must be installed. Ensure safe access and egress is maintained via ladders that are footed and secured at the top.	4	1	4	Yes		
4	Dust	E	3	4	12	The cutting area must be kept wet. Operatives must wear suitable respirators (Dust Masks 3M 8800 or equivalent).	3	2	6	Yes		
5	Noise / Eye Protection	E	5	4	20	Operatives must wear suitable ear protection. Plant and machinery to be regularly maintained. Operatives must wear impact resistant eye protection.	5	1	5	Yes		
6	Hand/arm vibration (white finger)	E	4	4	16	Where breakers are used, operatives should rotate the work in order to minimise the amount of time spent on the jack hammer, periodically alternate the work operations. Operatives are advised not to grip the Jack Hammer handles too tightly. Operatives must keep their hands and bodies warm i.e. wear gloves and suitable clothing in order to maintain the blood supply to the hands and fingers. Operatives must not smoke during the periods that they are using the Jack Hammer. Defective/damaged equipment must not be used. Pneumatic exhaust ports must be directed away from the operatives hands. After using the breaker, the operatives must flex their hands and exercise their fingers (open and clench the fist) in order to restore the blood supply to their hands and fingers. Read and implement control measures detailed in Method Statement and Risk Assessment 24 'Use of Vibrating Hand-Held - Hand-Guided Tools'.	4	1	4	Yes		