

USSL Risk Assessment

Risk Assessment No		5		Activity		Use of Floor saw - Trenching		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	Inexperienced Operative	E,P,V,C	4	3	12	Operatives must be trained to use the Floor Saw and to mount abrasive wheels. Works area to be clearly defined and guarded	4	1	4	Yes	
2	Existing Underground Services	E	4	4	16	All excavations must be carried out in compliance with HS (G) 47. Read and implement the control measures detailed in Risk Assessment 01 'Avoiding Danger from Underground Services'. Under no circumstances must cutting be carried out directly over a known identified underground service.	3	2	6	Yes	
3	Other Contractor Employees & Members of the Public	E,P,V,C	3	3	9	Ensure that the working area is signed and guarded in compliance with Chapter 8. Additional guarding must be used in order to prevent debris being ejected into public areas. Ensure communications systems are in place to communicate with other contractors, or members of the public. Where Possible always remove Key / Spark Lead when equipment is not in use to prevent unauthorised use. Store equipment in a secure cabin / compound when not in use to prevent unauthorised use.	3	2	6	Yes	
4	Hand / Arm Vibration	E,	3	4	12	Operatives are advised not to grip the handles too tightly. Operatives must keep their hands and arms warm i.e. wear gloves and suitable clothing to maintain blood supply to the hands, fingers and arms. Periodically rotate the use of the floor saw with other Operatives by carrying out other operations Ensure guidance on Vibration assessments is followed	3	2	6	Yes	
5	Defective Equipment	E,P,V,C	4	5	20	Equipment must be inspected for defects prior to use. Defective equipment must not be used and should be isolated. The equipment must not be transported from site to site with the abrasive wheel fixed into position Only trained operatives to change cutting disks / blades Ensure Guards are in place and working correctly	4	1	4	Yes	
6	Dust	E	2	4	8	The cutting area must be kept wet at all times Ensure sufficient quantities of water are available to aid dust suppression Operatives must wear suitable respirators (Dust Masks FFP 2 / 3 or equivalent)	2	2	4	Yes	
7	Disc fracture / flying particles	E,P,V,C	4	4	16	Ensure any Guards are in place and working effectively Ensure Pre Use checks are carried out on the equipment prior to use Continually check the equipment during use Ensure the correct cutting blade / disk is utilised for the materials being cut Operatives must wear impact grade goggles	4	1	4	Yes	
8	Manual Handling	E	3	3	9	Follow Manual Handling Guidance Avoid hazardous manual handling operations so far as reasonably practicable All staff to receive manual handling training Heavy Equipment to be carried by a minimum of 2 people	3	2	6	Yes	
9	Noise	E,P,V,C	3	3	9	Ensure equipment has been maintained in line with manufacturers recommendations Ensure the correct cutting blade / disk is utilised for the materials being cut Any canopies / Mufflers must be closed when the equipment is in operation Operatives must wear suitable ear protection	3	2	6	Yes	
10	Equipment left idling	E,P,V,C	3	4	12	The equipment must never be left unattended whilst the engine is running The equipment must not be moved / carried around the site with the engine running.	3	2	6	Yes	
11	Poor working area	E,P,V,C	4	4	16	Operatives must be able to stand on firm and level ground whilst operating the equipment The equipment must not be used in restricted or confined areas that could endanger the Operator Ensure cutting line is clear and can be easily seen	4	1	4	Yes	