

USSL Risk Assessment

Risk Assessment No		23	Activity		Grundomat Operations		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-viz clothing, hard hats, safety footwear and all other relevant PPE. Signing & Guarding to comply with Chapter 8 / NRASWA Acop. Read and implement the controls detailed in the Method Statement & Risk Assessment 06 'Signing & Guarding'. Use lookouts/banksmen to ensure that vehicles and the public are kept away from the working area. Ensure members of the public have a clear walkway around the working area.		4	1	4	Yes
2	Underground Services		E	4	3	12	Read and implement the controls in the Method Statement & Risk Assessment 01 'Avoiding Danger from Underground Services'. Ensure that the drill does not operate within 500mm of underground services. Locate, with Cat & Genny, & expose all utilities in line of bore. Only trained and experienced operatives may carry out grundomat operations.		4	1	4	Yes
3	Noise		E	3	4	12	All operatives, Supervisors must wear ear protection.		3	1	3	Yes
4	Deep Excavations		E	4	4	16	All excavations of 1.2 metres or deeper must be shored. If working in poor ground conditions, the excavation must be shored sooner. Excavations of 2 metres or deeper must be securely guarded with scaffold guarding or crowd control barriers. Gas tests should be conducted at start of working in the excavation and continually during the operation.		4	1	4	Yes
5	Manual Handling		E	3	4	12	Manual handling to be reduced as much as is possible. Keep any carrying distances to a minimum. Heavy equipment must be assessed before lifting. Two operatives or mechanical means must be used if the equipment is assessed as too heavy for one operative. Ensure that that the working area is free form debris.		3	2	6	Yes
6	Untrained/inexperienced operators		E	3	4	12	Only trained and experienced operators may operate the Grundomat		3	1	3	Yes