

USSL Risk Assessment

Risk Assessment No		43		Activity		Duct Rodding and Roping		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 and other relevant PPE (hard hats/gloves/safety footwear/ear defenders/goggles etc. Signing and guarding to comply with Chapter 8 / NRASWA Acop. Read and implement the control measures detailed in the Method Statement & Risk Assessment 06 'Signing and Guarding'. • Rods must not be extended outside of the working area. Rods must not be left unattended on the footway/carriageway.	4	1	4	Yes		
2	Faulty / incorrect gas detector	E	4	4	16	Ensure that the detector is properly calibrated. Check or replace batteries. STOP WORK if gas detector is faulty.	4	1	4	Yes		
3	Confined spaces	E	4	3	12	Only trained operatives to carry out operations that requires entry into confined spaces. Read Method statement and Risk assessment 15 'Confined spaces'.	4	1	4	Yes		
4	Manual handling / cover falling into box	E	4	4	16	Only approved lifting keys / multi man lifters must be used when lifting covers. Covers must be placed in a safe position away from the box entry point.	4	1	4	Yes		
5	Fire / explosion / asphyxiation / oxygen enriched atmosphere	E,P,V,C	5	4	20	Only operatives trained in the use of gas detectors to be used. Continuous gas monitors must be used in confined spaces. If gas test is positive, stop work, replace box cover and inform your Supervisor. A Site Supervisor must be present during gas purging operations. No smoking or naked flames around the working area.	5	1	5	Yes		
6	Local flooding / spray / causing poor vision / freezing	E,P,V,C	5	4	20	Water must only be pumped at a slow rate in order to prevent localised flooding. Water must not be pumped on to road or footway surfaces during freezing conditions.	5	1	5	Yes		
7	Manual handling / slips, trips, falls or strain injury	E	3	3	9	Lift cover with correct lifting key / multi man lifter. DO NOT attempt to lift anything that you assess as being too heavy to handle as a one man lift, seek assistance or use mechanical lifting devices. Ensure excessive force is not used when rodding. Rods must not be extended outside of the working area. Rods must not be left unattended on the footway/carriageway.	3	1	3	Yes		
8	Flooding / inrush of water/ gas	E	4	3	12	Indications that water may be present must be investigated and source of water identified. Gas tests must be carried out at periodically within boxes via a gas detector and continuously within manholes or confined spaces via a continuous gas monitor.	4	1	4	Yes		
9	Injuries to hands during draw rope pulling	E	4	3	12	Ensure that the draw rope is not held during roping operations. The rope must be stationary when handling. Gloves must be worn at all times.	4	1	4	Yes		
10	Weils Disease	E	4	3	12	All open cuts/abrasions must be covered with waterproof dressings. Wash hands before eating, drinking or smoking. Operatives should wash all areas of exposed skin at the end of shift. If there are indications that rats are or have been present e.g. nesting, stop work and inform your Supervisor who will arrange for the box/manhole to be cleaned out and disinfected.	4	1	4	Yes		
11	Hypodermic Needles	E	4	3	12	If hypodermic needles are discovered within the working area or the box, NO attempt must be made to pick them up. If the needles are positioned so as to present a hazard, STOP WORK and inform your Supervisor.	4	1	4	Yes		