

USSL Risk Assessment

Risk Assessment No		15	Activity		Confined Spaces		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 including rescue body harness for operatives who will enter confined space. Ensure the rescue body harness is attached to a lifeline, which must be attended by someone outside the confined space. 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	Manual handling	E	3	3	9	Operatives provided with approved lifting keys. Always gain assistance when necessary. Avoid hazardous manual handling operations so far as reasonably practicable. Carry out suitable and sufficient risk assessment of any lifting operation. All staff to receive manual handling training.	3	2	6	Yes
3	Faulty Gas Detector	E	4	4	16	Operation suspended. Only calibrated charged continuous gas monitoring equipment to be used.	4	1	4	Yes
4	Inexperienced operative(s)	E	3	4	12	Only trained operatives to carry out such work	3	2	6	Yes
5	Explosive/toxic gases – oxygen deficient/enriched atmosphere	E	5	4	20	Gas checks carried out before and during all operations, using continuous gas monitoring equipment (permit-to-work completed). Ensured confined space is ventilated prior to entry. If the presence of any gas is established, STOP work and contact your Supervisor immediately.	5	1	5	Yes
6	Poor lighting	E	4	4	16	Battery powered flameproof lighting to be used.	4	1	4	Yes
7	Noise	E,P,V,C	3	3	9	Operatives to wear suitable ear protectors whilst using breakers etc. (Care must be taken to ensure that the continuous gas detector clearly visible whilst ear protection is worn as the alarm tone will be muffled).	3	2	6	Yes
8	Lone Working	E	5	4	20	Lone working is not permitted – minimum of two people are required to execute this operation at all times.	5	1	5	Yes
9	Sources of ignition	E	4	4	16	Smoking is not permitted within the confined space. All matches and lighters must be removed from pockets prior to entering the confined space. Intrinsically safe/flameproof lighting only permitted.	4	1	4	Yes
10	Weils Disease	E	3	3	9	All open cuts must be protected by waterproof plasters. No eating or drinking within the working area. Operatives must wash all exposed areas of skin at the end of each shift. All operatives must carry the Weils Disease card and be aware of the symptoms of the disease.	3	2	6	Yes
11	Needle-stick injuries	E	4	3	12	Should hypodermic needles to be discovered within the working area, NO attempt must be made to pick them up. If the hypodermic needles are so positioned as to be hazardous to the individual Stop Work and advise your supervisor.	4	1	4	Yes
12	Access and egress	E	3	3	9	Ensure that a tripod, winch & lifeline are available and operational prior to commencing entry. When carrying out the Site Specific Risk Assessment consider whether the person(s) entering the confined space require permanent attachment to the lifeline. Work to cease if safe access/egress is not provided	3	1	3	Yes
13	Injuries	E	4	4	16	Ensure that a tripod, winch and lifeline are available and operational prior to commencing entry in order to attach to injured person.	4	1	4	Yes
14	Side entry/two tier Manholes	E	4	4	16	The shaft, passage and manhole must be treated as three separate chambers in which they are all tested for gas before entry. The second chamber of a two tier manhole must be treated as a separate chamber & checked for gas before entering The Site Specific Risk Assessment must detail how the top man will remain in contact with the operative within both side entry and two tier manholes	4	1	4	Yes
15	Self rescue equipment not available	E	4	3	12	Personnel entering must have emergency life saving apparatus (ELSA) with them one per person	4	1	4	Yes
16	Head Injuries	E	4	4	16	Operatives must wear safety helmets All equipment/materials to be lowered/raised via a safety line	4	1	4	Yes
17	Emergency situation requiring rescue	E	4	4	16	Gangs to phone/radio assistance, stating that they require a confined space entry rescue and provide exact details in relation to the location of the man hole	4	1	4	Yes