

USSL Risk Assessment

Risk Assessment No		12	Activity		Gas Escapes		Locations		Site/Yard 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	Members of the Public and motorists	E,P,V,C	4	4	16	Operatives to remain on site at a safe distance in order to prevent members of the public gaining access to the work area. Signing & guarding to comply with Chapter 8 of NRSWA COP (Red Book). Position warning signs around the working area. On Discovery of a gas escape all personell to vacate the excavation and call the Gas Emergency Service -	4	1	4	Yes		
2	Fire / explosion / asphyxiation	E,P,V,C	5	4	16	No naked flames allowed. Do not smoke. Switch off all engines in or around the work area All operatives must wear Probanised/Fire retardant overalls must be worn at all times. Ensure that the area is well ventilated. Constantly monitor the atmosphere with a Continuous Gas Monitor. Additional precautions for confined spaces will need to be implemented if the area can not be well ventilated. Breathing apparatus must be available and ready for use for all 'live gas' operations. A minimum 2 x 5kg dry powder fire extinguishers must be available and placed at the immediate work site location. All operatives to wear the necessary PPE.	5	1	4	Yes		
3	Untrained Personnel	E	4	3	12	At least 2 Operatives must hold the relevant Gas Qualifications, the team leader must be GD4/5 GNE Level 3 or GNO Level 2 approved and the assistant GD1-2, GNE or GNO Level 1. Only competent operatives must carry out the atmospheric monitoring. Supervisors must hold GD Elements 1-5, all operatives to hold a minimum of GD1-2.	4	2	8	Yes		