

USSL Risk Assessment

Risk Assessment No		16	Activity		Pressure Testing mains Water pipes up to 7 bar		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	Members of the Public, other site personnel and visitors	E,P,V,C	4	4	16	Operatives to wear high-visibility clothing and hard hats. Signing and guarding to comply with Chapter 8 / Acop.	4	1	4	Yes		
2	Injuries via release of pressurised water or test equipment	E,P,V,C	4	4	16	Comply with the Method Statement. Ensure that suitable and safe purging systems are implemented. Ensure that the test pressure has been reduced to a safe level prior to carrying out work on the pipeline. Examine the system at intervals in order to ensure that anchorages are secure. Unauthorised personnel must not enter the test area or interfere with the pipework. Ensure that the necessary Personal Protective Equipment is Worn at all times.	4	1	4	Yes		
3	Collapse of Excavations	E	4	4	16	Prior to the commencement of any work a risk assessment must be carried out in relation to each excavation. All excavations may need to be shored to ensure ground stability in compliance with Method Statement & Risk Assessment 03 "Shoring of Excavations". If poor ground conditions are experienced then appropriate shoring must be installed. Ensure that a continuous atmospheric monitoring is carried out. Inspection of the excavation must take place, in accordance with the inspection schedule. All excavated areas must be protected with a suitable barrier. Safe digging practices must be observed. Works to be Supervised at all times.	4	1	4	Yes		