

USSL Risk Assessment

Risk Assessment No		32	Activity		Pressure Testing of Mains & Services Less than 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	Employees, 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. 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 Park vehicles and plant safely. Do not obstruct the footway or live carriageway.	4	1	4	Yes	
2	Manual handling	E	3	3	9	Where possible, all pipe packs and coils must be transported with the use pf pipe transporters. If the pipe must be lifted manually, never attempt to lift more than you can safely lift as an individual. Always gain assistance when necessary. All lifting equipment must be inspected daily and before use and a valid thorough inspection certificate must be held for all lifting appliances and lifting equipment.	3	2	6	Yes	
3	Injuries via release of pressurised equipment	E,P	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.	4	1	4	Yes	
4	HAVS	E	3	4	12	Defective/damaged equipment must not be used. Read and implement control measures detailed in Method Statement and Risk Assessment 24 'Use of Vibrating Hand-Held - Hand-Guided Tools'..	3	2	6	Yes	