

USSL Risk Assessment

Risk Assessment No		30	Activity		Service Laying (Low Pressure)		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	Carry out Site Specific Risk Assessment. Don high-visibility clothing, hard hats, safety footwear, gloves and other relevant PPE. Sign and guard site in compliance with Chapter 8 / Red Book.	4	1	4	Yes	
2	Fire/Explosion/Asphyxiation	E,P,V,C	5	4	20	No naked flames allowed. Do not smoke. Switch off all engines in or around the work area. All operatives must wear Probanised overalls 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 cannot be well ventilated. Ensure that breathing apparatus is available and in working order prior to commencing work, one breathing apparatus per operative. Contact the emergency Gas Escape number on 0800 111 999 immediately, then inform the Site Agent.	5	1	5	Yes	
3	Underground services	E	4	4	16	Read and implement the controls detailed in Method Statement and Risk Assessment 01 'Avoiding Danger from Underground Services'. Ensure the control measures detailed in HS(G)47 are adhered to.	4	1	4	Yes	
4	HAVS	E	3	4	12	Where breakers are used, operatives should rotate the work in order to minimise the amount of time spent on the jack hammer, periodically alternate the work operations. Operatives are advised not to grip the Jack Hammer handles too tightly. Operatives must keep their hands and bodies warm i.e. wear gloves and suitable clothing in order to maintain the blood supply to the hands and fingers. Operatives must not smoke during the periods that they are using the Jack Hammer. Defective/damaged equipment must not be used. Pneumatic exhaust ports must be directed away from the operatives hands. After using the breaker, the operatives must flex their hands and exercise their fingers (open and clench the fist) in order to restore the blood supply to their hands and fingers. 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	
5	Manual Handling	E	5	4	20	Carry out Site Specific Risk Assessment prior to commencing work in order to identify areas of manual handling. Refer to Method Statement and Risk Assessment 26 'Manual Handling'. Avoid hazardous manual handling operations so far as reasonably practicable. All staff to receive manual handling training. Heavy Equipment to be carried by a minimum of 2 people.	5	1	5	Yes	
6	Low pressure testing with gas pressure	E	4	4	16	Whenever possible, all new pipework shall be tested in accordance with Engineering Procedures. Only trained, competent and suitably qualified persons to carry out gas testing operations. Upon completion of gas tests, a 'Test Acceptance Certificate' will be completed by a suitably qualified person. The test certificate will be placed in the job pack upon completion of the test(s)	4	1	4	Yes	
7	Untrained Personnel	E	3	3	9	All personnel involved with the installation of gas services must hold a current GWINTO Gas Operative Registration, Transco Safety Passport and hold current certification in either:- Team Leader • GD4 • GNE Level 3 Servicelaying • GNO Level 2 Servicelaying Assistant • GD1 • GNE or GNO Level 1	3	2	6	Yes	