

Risk Assessment

Activity to be Assessed		Assessment Number	
Excavation in the Vicinity of Underground Services		OD-08	
Persons undertaking or affected by the activity			
☒ Employees ☒ Tenant ☒ Public ☐ Visitor ☐ Contractor ☐ Other.....			
Identified Hazards and Associated Risks		Likelihood	Severity
1	Buried services - Electric shock Gas explosion	4	5
2	Trench collapse	3	5
3	Contamination – chemical burns, respiratory problems	4	5
4	Manual handling	3	3
5	Flooding	3	3
6	Public access/injury	4	4
7	Slips, trips and falls	3	3
Existing Control Measures/Additional Control Measures Required			
1	- Identify location of services through utility drawings and/or CAT scanning by a competent person - Trial holes to be dug with hand tools to confirm location of services - All services located to be marked with paint, sand, etc.		
2	- All services to be supported where they cross excavations. - Wherever possible plans of services to be available. - All excavations over 1m to be supported or where soil conditions dictate. - Provide trench support where appropriate, and adequate edge protection.		
3	- Check land records before starting excavations work to determine if there is a history of contamination. - Any suspect materials to be tested		
4	- Operatives trained in good manual handling techniques - Obtain assistance for heavy or awkward loads. - Use PPE appropriate to the activity eg gloves, safety footwear		
5	- Pump out excess water from excavation before working. - Assess ground conditions prior to work commencing and maintain good personal hygiene as appropriate.		
6	- Working area to be securely fenced off to prevent access - Display warning signage - Place boarding/plates over open excavations where possible		
7	- Good housekeeping to be maintained at all times. - Erect edge protection for deep excavations. - Use suitable access equipment to access/egress the excavation - PPE to include gloves, safety shoes, work overalls and where necessary hard hats.		
Reassessment of Activity Hazards		Likelihood	Severity

1	Buried services - Electric shock Gas explosion	2	5	10
2	Trench collapse	2	5	10
3	Contamination– chemical burns, respiratory problems	2	5	10
4	Manual handling	2	3	6
5	Flooding	2	3	6
6	Public access/injury	2	4	8
7	Slips, trips and falls	2	3	6
Name: Kyle Position: Director		Signed:		Date of Completion: February 2018
Review Date:	Likelihood	Severity	Likelihood of Injury	5 5 10 15 20 25
Reviewed by:	1 very unlikely 2 unlikely 3 likely 4 very likely 5 certainty	1 nuisance 2 minor 3 medical treatment 4 major 5 fatal	4 4 8 12 16 20	
Review Date :			3 3 6 9 12 15	
Reviewed by:			2 2 4 6 8 10	
Review Date :			1 1 2 3 4 5	
Reviewed by:			0 1 2 3 4 5	
Review Date :			Severity of Injury	
Reviewed by:	Low Risk Medium Risk High Risk			