

Methods of Utility Locating and Assessment Sheet

No	Utility	Type of casing - Metallic (M) or Non-Metallic (P)	Methods and order of application									Exclusion Zone [m]	Comments
			Utility Protection Officer	Direct Connection	Clamp	Induction	PASSIVE Scan	Cathodic Protection	Sonde	Divine Rod	GPR		
			Order of Application										
			1	2	4	6	7	3	5	9	8		
1	High Pressure Gas Main - National Grid	M	1			(3)	(5)	(2)			(4)	3	Always use Protection Officer to locate their asset.
2	High Pressure Gas Main - Intermediate / Cadent	M	1			(3)	(5)	(2)			(4)	3	Always use Protection Officer to locate their asset.
3	High Pressure Oil Gas Main	M	1			(3)	(5)	(2)			(4)	3	Always use Protection Officer to locate their asset.
4	High Pressure - Other	M	1			(3)	(5)	(2)			(4)	3	Always use Protection Officer to locate their asset.
5	Medium Pressure Gas Main	M	1			(3)	(5)	(2)			(4)	3	Always use Protection Officer to locate their asset.
6	Medium Pressure Gas Main	P	1								(2)	3	Always use Protection Officer to locate their asset.
7	Low Pressure Gas Main	M		1	5	2	4				3	1	
8	Low Pressure Gas Main	P									1	1	
9	UKPN - HV 132kV and Above	M	1			3	2				4	5	Use Protection Officer to locate their asset.
10	UKPN - HV - under 132kV	M				2	1				3	3	
11	UKPN - LV	M				2	1				3	1	
12	UKPN - Poles	M			1	3	2				4	1	Use 200kHz with the clamp and maximum output on the Generator.
13	Street Lighting	M		1		3	2				4	1	
14	Traffic Lights	M		1		3	2				4	1	
15	Water Main - Potable	M		1		3	2				4	1	
16	Water Main - Potable	P								2	1	3	
17	Water Main - Non-Potable	M		1		3	2				4	1	
18	Water Main - Non-Potable	P								2	1	3	
19	Sewer Main / Foul	M				1				3	2	1	
20	Sewer Main / Foul	P								2	1	3	
21	British Telecom	M			1	3	2				4	1	
22	British Telecom	P								1	2	1	
23	Instalcom	M			1	3	2				4	1	
24	Instalcom	P								1	2	3	
25	Virgin Media	M			1	3	2				4	1	
26	Virgin Media	P								1	2	3	
27	Drainage	P								2	1	3	
28	Other Telecom Companies	P								1	2	3	
29	CCTV	P								1	2	3	
30	NRTS	P								1	2	3	

No.	Additional Questions which must be covered during utility search	Yes / No	Comments
1	Has the area been CAT4+ / 8100 (delete) and TX3 / Genny surveyed for any additional uncharted services? - PASSIVE SCAN COMPLETED?		
2	Have a visual survey of the permit to dig area been completed at minimum 50/100m (distance TBC) in all directions outside the permit perimeter?		
3	Have the utilities been located minimum 10m past the excavation perimeter area?		
4	Have the domestic connections been considered / scanned for (in perpendicular) direction to the utilities main alignment?		
5	Are adequate protection zones erected?		
6	Have you given consideration to a possible underground extent of visible features – e.g. chambers, sign and/or other foundations, thrust blocks, underground car parks, tunnels, large culverts, other...? Are any thrust blocks likely to be found behind bends/turns in pipes?		
7	Have you given considerations to possibility of additional utilities being buried beneath those already exposed – e.g. several cables placed in two or more layers in the same trench?		
8	Are any of the stockpiles placed above any of known services?		
9	Are any of the Overhead services “dive down” from any of the existing poles/towers/buildings?		
10	Are any of the services concrete encased? Will isolation service be required?		
11	Have any unaccounted underground features / services been identified / detected? Have you provided detailed sketch or GPS Survey or similar? Give details below:		
12	Have all exposed utilities been surveyed and raw data supplied to the Stats Department?		
13	Are all located services clearly marked on the ground?		
14	Other Comments:		