

# Working Near Underground Services.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
29	Working near underground apparatus / services	<p>Contact with underground utility apparatus / services.</p> <p>Risks of contact with underground gas, electric, water, telecoms utilities.</p>	<p>Employees</p> <p>Contractors</p> <p>Public</p> <p>Visitors</p>	<ul style="list-style-type: none"> <li>Carry out a site-specific risk assessment before starting any works.</li> <li>Obtain utility prints and identify any apparatus on the prints (No electric/gas prints or poor quality plans = No Dig). Utility prints must remain on site at all times.</li> <li>Ensure you have the results of the Line search with you on-site.</li> <li>If a Zone of Interest (ZOI) permit is in place, ensure all requirements are followed at all times.</li> <li>Cable Avoidance Tool (CAT) – Use cable location devices in conjunction with the utility prints to identify the location of services within the working area and mark up as you go.</li> <li>Genny – Remember the Cable Avoidance Tool (CAT) must not be used alone. The Genny will assist you in the location of buried services.</li> <li>Use safe digging techniques, hand dig trial holes to locate the position and depth of any known services and use the CAT every 300mm as you dig.</li> <li>Mechanical plant and equipment must not be used within 500mm of any known services.</li> <li>Live services must not be broken out of concrete unless you have contacted your manager or team leader and the service has been isolated.</li> <li>Do not handle or attempt to alter the position of an exposed service.</li> <li>Services must not be used to aid access into and exit from excavations.</li> </ul>	Low

# Working Near Underground Services.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
29	Working near underground apparatus / services	<p>Contact with underground utility apparatus / services.</p> <p>Risks of contact with underground gas, electric, water, telecoms utilities.</p>	<p>Employees</p> <p>Contractors</p> <p>Public</p> <p>Visitors</p>	<ul style="list-style-type: none"> <li>Flame retardant and ARC protective clothing / coveralls must be worn in addition to all other standard PPE.</li> </ul> <p><b>In the event of damages:</b></p> <ul style="list-style-type: none"> <li>If you suspect that a service has been damaged, the excavation must be evacuated immediately and made safe.</li> <li>Do not allow anyone access and clear the area. The local network company must be informed as soon as possible. If they are not informed within 15 minutes they may switch the circuit back.</li> <li>Do not touch damaged electricity cables or look at the end of fibre optic cables.</li> <li>Make both the excavation and the site safe and secure.</li> <li>Report all damage to utility services, including that already incurred to your Line Manager and the Incident Line (0330 1231092).</li> <li>If reporting a smell of gas or damage to gas utility, the user should immediately call the National Gas Incident Line after the site has been made safe and secure.</li> <li>Additional guidelines can be located within the SHEQ Team Pack in the Telecoms App store.</li> </ul> <p><b>Remember:</b>  <b>No plans – No dig!</b>  <b>Dig with caution!</b></p>	Low