

Task/Operation:	Avoiding Contact with Overhead/ Underground Services		
Group(s) affected:	Countryside Staff / Contractors / Public		
Person(s) undertaking assessment:	Richard Taylor Gill Millward David G Owen	Date:	16.02.2004
Employee(s) consulted:			
Union Safety Rep(s) consulted:	Andy Pegg to be consulted		

Reviews			
Next Review Required	Date actually reviewed	Changes Required? (Yes/No)	Assessor Signature
16.02.2005	20.10.05	No	RTT
<b>20.10.2006</b>			

Hazard	Resultant effect(s)	Before control			State control measures and person responsible to action each one	After control		
		L	S	R		L	S	R
Contact with Overhead lines/cables	Damage to lines/services caused by contact. Significant burns. Electrocution/ Personal Injury fatality Localised disruption to services. Explosion/Fire Cost of loss and re connection of service to DCC.	3	3	9	If at all possible do not work underneath overhead services. Check the area you are working in for signs of electrical equipment, e.g. streetlights phone boxes. Treat all cables as live Vehicles or plant are not to tip within 10 meters lateral distance from overhead lines. Before commencement of work contact service provider for advice on the proposed working methods. EMEB help line 0800 363363	2	3	6

	Possible HSE enforcement action			<p>Drawings of overhead services should be available on site for reference purpose, these should be consulted and understood before work commences</p> <p>Storage areas to kept a 10 meter lateral distance from overhead cables.</p> <p>Overhead cables traversing sites to be highlighted by appropriate signage.</p> <p>A banksman shall be appointed by the person controlling the work to control the movement of all equipment where overhead cables are encountered.</p>				
Striking Underground services	<p>Electrocution/ Personal Injury fatality.</p> <p>Significant burns</p> <p>Explosion/Fire</p> <p>Localised disruption to services.</p> <p>Cost of loss and re connection of service to DCC.</p> <p>Possible HSE enforcement action</p>	<b>3</b>	<b>3</b>	<b>9</b>	<p>If at all possible do not excavate above existing services.</p> <p>Before commencement of work contact service provider for advice on the proposed working methods. EMEB help line 0800 363363.</p> <p>Drawings of underground services should be available on site for reference purpose, these should be consulted and understood before work commences.</p> <p>Cable detection tool (C.A.T.) must be used before digging starts, hand digging near services, operators must be trained in cable locator usage.</p> <p>Operatives must check the Cable locator and battery before use, and report defects to</p>	<b>2</b>	<b>3</b>	<b>6</b>

**Environmental Services Department  
General Risk Assessment Record**

				<p>Manager as these arise.</p> <p>Once the route of a cable is established mark it out with a waterproof crayon.</p> <p>Hand dig trial holes to determine the exact locations of cables.</p> <p>Ensure that any exposed cables are supported. Do not handle these.</p> <p>Inform the Manager and Health and Safety Section should a cable be struck or and explosion occur on site.</p> <p>Digging using power tools and excavators must not to be used within 0.5m of any services.</p> <p>Report accidents in accordance with the Departmental procedures.</p>			
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