

Working Near Overhead Lines.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
30	Working near overhead power lines	<p>Contact with overhead power lines.</p> <p>Risks of fire, explosion, electric shock and burn injuries can be the result of any contact made by plant or people with live overhead electricity lines.</p>	<p>Employees</p> <p>Contractors</p> <p>Public</p> <p>Visitors</p>	<ul style="list-style-type: none"> Avoid working underneath overhead lines if there is a risk of contact with, or close approach to the wires. If working underneath or near overhead lines is unavoidable, you must consult the Landowner to find out if the line can permanently be diverted. If an overhead line cannot be switched off, and no other way to complete the work you must complete a site-specific risk assessment. <p>Risk Assessment must consider:</p> <ul style="list-style-type: none"> The voltage and height of the wires from ground level. The height must be measured by a suitably trained person using non-contact measuring device. The nature of the work and whether it will be carried out close to or underneath overhead lines. The size and reach of any machinery or equipment used near the overhead line. The safe clearance distance needed between the wires and machinery or equipment and any structures being erected. If in any doubt, the owner to advise on safe clearance distances. The site conditions, e.g. uneven ground that may affect stability of plant etc. The competence, supervision and training of people working at the site. 	Low

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