

Overhead Power Cable Access

Knaggy House

Requirements and recommendations for transferring Drill Rig.



Doves Nest- North side – Proposed Knaggy House entrance

The proposed crossover access point into Knaggy house entails passing under overhead electricity cables.

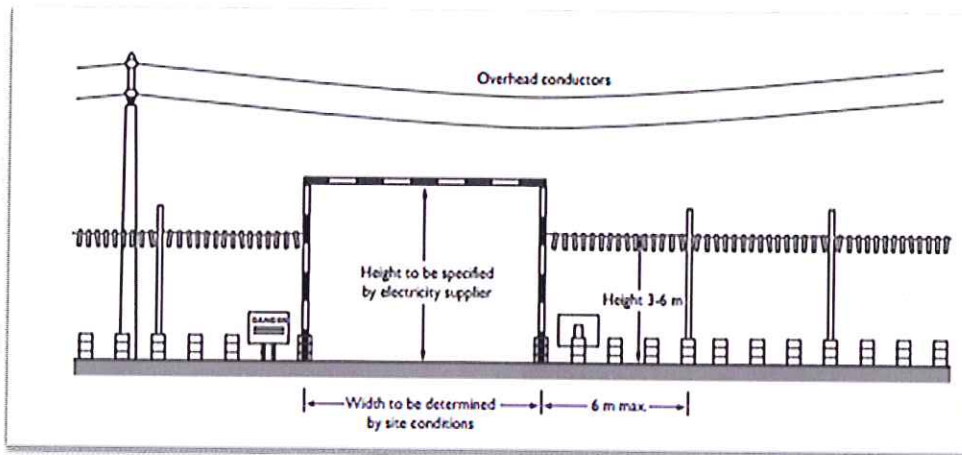
Consideration has been given to the height restrictions along the route. The maximum height of the Rig is 5 metres during transportation. The overhanging power cable is estimated to be approximately 10 metres, with predicted sag of 2 metres max.

The planned traffic route will be identified and restricted to eliminate any deviation. Guidance has been taken from the HSE GS6 Avoidance of danger from overhead electric power lines.

As part of the safe system of work Goal posts will be erected along the route as identified below, at either side of the overhead cables. This is to ensure that a minimum overhead gap of 1.5 metres is achieved between the tallest vehicle and the cable.

The travel route will be identified and barriered off to ensure that a minimum gap of 6 metres is achieved at either side of the traffic and the cable posts.

NYMNP
29 JAN 2013



Proposed -Safe system of work.

- (a) The number of such passageways will be kept to a minimum.
- (b) The passageway will be fenced to define its route, and goal posts erected at each end to act as gateways in the barriers running parallel to the overhead line.
- (c) The goal posts will be constructed from rigid, non-conducting material such as suitable timber or plastic pipe and distinctively marked in, for example, red and white stripes.
- (d) At either side of the passageway, on or near the goal posts, there will be warning notices giving the cross-bar clearance height and instructing drivers to lower jibs, tipper bodies etc and keep below this height while crossing.
- (e) On sites where work continues after dark the notices and cross-bars will be lit. Any light fittings used for this illumination will be sited at ground level projecting the light upwards towards the conductors. It is not anticipated that any after work activity will take place.
- (f) Additional warning notices will be erected on the approaches to the crossing, say about 30 metres away.
- (g) The surface of the passageway will be levelled, firmed up and well maintained to prevent undue tilting or bouncing of the equipment when under the overhead line.

Gary Ward – HSE – Manager

25th January 2013

NYMNP
29 JAN 2013