

STATEMENT OF CLEARANCES FOR WORK NEAR OVERHEAD POWER LINES

Document No

336508

Site Location: LAND OFF RADWINTER ROAD, SAFFRON WALDEN

Work being undertaken: BUILDING SITE

The overhead line(s) at this site operate at [11,000] volts and present a serious risk to life if contacted either directly or through a conducting material.

It is your legal responsibility to safeguard employees and other persons who are working on the site and you are expected to follow the recommendations set out in Health and Safety Executive (HSE) Guidance Note GS6. It is strongly recommended that you have a current copy available.

Where work has to be carried out close to or underneath overhead lines, and is totally at Ground Level e.g. road works, pipe laying, grass cutting, farming, and there is no risk of accidental contact or the safe clearance distance being breached then no further precautionary measures are required –

For this to apply any plant or equipment used must be of a type or construction that is incapable of breaching the safe clearance distance of [1.8 M].

Therefore the equipment used must not be capable of exceeding a maximum height of [4.2 M]

If the above cannot be adhered to, the Clearances/Restrictions below **MUST** apply

ID Point	Voltage	The Lowest Vertical Clearance of conductors to Ground were measured at: <small>(all measurements taken from existing ground levels)</small>	The minimum Horizontal Clearance is: <small>(Horizontal clearances are measured at ground level from a point vertically below the nearest conductor)</small>	The exclusion zone clearance around the conductors is: <small>No plant, tools, equipment or persons can enter this zone</small>	Working under the line or within the Horizontal clearance: <small>The vertical reach of equipment/plant (including loads and/or attachments) must be physically incapable of exceeding or physically restricted to a maximum height of:</small>	Driving under the line only: <small>The maximum cross-bar height for vehicle crossing is</small>
A	11,000	6M	3M	3M	4.2M	4.2M
B						
C						
D						

Additional precautions, comments, notes or diagrams

HEIGHT BARRIERS TO BE PLACED 6M HORIZONTAL DISTANCE FROM THE OVERHEAD LINE AND BOUNTING BETWEEN THE BARRIERS TO BE NO MORE THAN 3.6M HIGH.
 PLANT PASSING UNDER THE OVERHEAD LINE NEEDS TO BE FULLY STOPPED.
 WORK UNDER THE OVERHEAD LINE MUST ADHERE TO THE SAFETY CLEARANCES AS SEEN ABOVE OR MAINTAIN 3M EXCLUSION ZONE.
 NO PERSONS TO BE STOOD ON VEHICLES PASSING UNDER OVERHEAD LINE

Issued by:

Name: Simon Richardson Signature: Time: 14:00 Date: 2/10/25 Contact No: 07875114717

Received by:

Name: Signature: Time: Date: Company:

PLEASE NOTE: (If applicable) this Document expires on A new document will be required if your works are not completed by this date.

The previous recommendations and measurements are as agreed on site on the date recorded; if any significant changes not discussed and noted above are made to the site (e.g. ground movement, temporary buildings etc.) that affect the clearances, this document becomes invalid and UK Power Networks must be informed and another visit arranged.

Definitions

Horizontal clearance: This is a clearance measured at ground level from the outside conductor, running along a line adjacent to the conductor at the clearance/distance stated. It should be maintained by erecting Barriers and or Bunting along a line adjacent to the conductor.

The Safe Clearance Distance: is the minimum distance that must be maintained from the Overhead Line or Electrical Apparatus.

The Exclusion Zone: is the working distance that must be maintained around the Overhead Line or Electrical Apparatus. No Person, Plant or Equipment must enter this zone unless the equipment being used is of a type or construction that is incapable of breaching the Safe Clearance Distance (i.e. Ground Works such as pipe laying, grass cutting or road works)

The Vertical Reach: is the maximum potential height or potential vertical reach of the equipment being used (including loads and/or attachments).

The maximum cross bar height: This is the maximum height the Crossbar should be erected at, when crossing under an Overhead Line

Advice to Site Personnel

Avoidance of Danger from Overhead Power Lines

The basic safety precautions recommended here are explained in detail in Health and Safety Executive Guidance Note GS6, 'Avoidance of Danger from Overhead Electric Lines' <http://www.hse.gov.uk/index.htm>. And the Energy Networks Association document "Look out Look up" http://www.energynetworks.org/modx/assets/files/electricity/she/public_safety/leaflets/LookoutLookup_070918.pdf

When erecting Scaffold, an elevated platform or structure / building it must be constructed so that any person (inc. tools and equipment) working on the scaffold, platform or structure / building CANNOT enter the Exclusion Zone

Scaffold / Ladders/ Long Equipment, must be transported horizontally at Low level when near to Overhead Lines

When using unrestricted plant or equipment outside the Horizontal Clearance it must be positioned or restricted so as it CANNOT breach the Horizontal Clearance

Danger and Warning Notices should be used when working in an area with Overhead Lines, Warning and advice notices should be fixed inside the cab of plant and cranes working near to Overhead Lines

When working in dark or dimly lit conditions, adequate lighting must be used

When crossing under an Overhead Line all Plant should be in the "Stowed" position

Never ride on top of vehicles or loads

It is advised that all plant has a suitably trained and experienced banks-person when working in the vicinity of Overhead Lines

Never approach or touch any broken or fallen conductors or any plant in contact with an overhead line before UK Power Networks confirms that conditions are safe.

If a machine in contact with an overhead line cannot be disentangled by backing off, remain seated in the cab and warn others to keep clear of the machine until UK Power Networks confirms that conditions are safe.

If it is essential to leave the machine while it is in contact with the overhead line, for example if it catches fire, jump clear - do not attempt to climb down in the normal way and do not touch any part of the machine when on the ground.

Reporting Contact with Overhead Power Lines

You have a responsibility to report any contacts with overhead electricity power lines to the Health and Safety Executive under the RIDDOR reg's 1995 regardless of outcome.

In the event of an incident where contact is made with overhead power lines the event will also be reported by UK Power Networks as required under reg.31 of the ESQC Regulations 2002.

Emergency contact with UK Power Networks

Call 0800 3163105 or from a mobile 0333 3232105