

AVOIDANCE OF ELECTRICAL HAZARDS WHEN WORKING NEAR OVERHEAD LINES

At the planning stage and before starting work near an overhead line consult your local ESB office.

THERE ARE TWO GENERAL CASES

SITE WHERE THERE WILL BE NO WORK OR PASSAGE OF PLANT UNDER A LIVE OVERHEAD LINE



- A barrier should run parallel to the line. (See below for distance from line)
- This may be fixed post fencing or steel drums filled with rubble spaced 1.5 metres apart.
- If cranes are in use a line of bunting at a height of 3 metres should supplement the barriers. (See below for distance from line)
- Danger notice stating "Danger Live Overhead Line" should be spaced at intervals.

SITE WHERE PLANT WILL PASS UNDER A LIVE OVERHEAD LINE

- In addition to the above, Goal Posts should be erected as shown

Dimensions as follows:

Height of goalposts

- As advised by ESB

Width of Goalposts

- Max. 10 metres.

Height of bunting

- 3 metres

Distance between steel drums

- 1.5 metres

Distance between danger notices

- 20 metres

Horizontal distance of barrier to outside conductor on line

- 6 metres minimum for LV, 10kV, 20kV, 38kV.
- 10 metres minimum for 110kV, 220kV, 400kV.

