



ADVICE TO CONTRACTORS

Please ensure safe working practices are followed when working near overhead lines, power poles, underground electricity cables and ducts.

TREAT ALL OVERHEAD LINES, ELECTRICAL CABLES, AND DUCTS AS "LIVE" UNTIL POSITIVELY PROVEN OTHERWISE

Refer to the following table for minimum safe working distances which must be observed, when working with mechanical plant and hand held power tools:

Minimum Safe Working Distances

Overhead Lines	4.0 m	For exceptions contact Alpine Energy Control Room, Ph 0800 66 11 77 extension 324 to arrange a close approach permit. Excavated or other material shall not be deposited under or near an overhead line so as to reduce the conductor clearance to ground.
Power Poles	2.2 m (from base of pole)	Unless a consent has been obtained from Alpine Energy Ltd No excavations shall be: At a depth greater than 300 mm within 2.2 m of the pole. At a depth greater than 750 mm between 2.2 m and 5.0 m from the pole.
Electrical Cables and Ducts	0.5 m	Refer notes below for OSH safe working practices when working near electrical cables and ducts.

Electrical Cables and Ducts

Safe working practices are defined in the OSH publication 'Guide for Safety with Underground Services' 2002 which require contractors to:

- **Obtain Cable Plans**
Forward a location plan showing extent of excavation works to Alpine Energy Ltd.
Allow a minimum of 2 working days notification
Alpine Energy Ltd will supply all available plans.
NOTE: *There may be other power cables in the vicinity of the proposed works which are not the responsibility of Alpine Energy Ltd (e.g. lighting and private power cables).*
- **Locate Cable Position From Plan and Verify With a Cable Locator**
OSH requirements are that contractors should take all practicable steps to verify the cable position from the plan with a Cable Locator.
- **Hand Expose Cables**
It is the contractor's responsibility to expose by hand all cables and ducts before mechanical excavation, and ensure that the **total number** of cables either indicated on plans located on site, or as instructed are accounted for as there may be multiple cables in close proximity in one trench or in separate trenches.

Issued Plans

All plans issued for a job will need to be destroyed after the job is completed as these plans are continually being updated by Alpine Energy and may be out of date.

It is the intention of the advice in this document to prevent harm to people, to minimise damage to property and inconvenience to customers.

IF IN DOUBT CONTACT ALPINE ENERGY - Ph 0800 66 11 77