

GUIDELINES FOR CONTRACTORS WORKING IN THE VICINITY OF ELECTRICITY CABLES AND OVERHEAD LINES

These Guidelines provide reference for contractors and relevant persons who may require to plan or work in the vicinity of CLP Power's underground cables and overhead lines (electricity supply lines). For the detailed technical requirements of working near underground cables (cables) and overhead lines, please contact CLP Power (CLPP) representatives.

Contractors are reminded to refer to the Electricity Supply Lines (Protection) Regulation and its Code of Practice before commencement of works.

Step 1 Pre-planning

Check the cable and overhead line drawings to see if any electricity supply lines are in the vicinity of works. If the drawings are not available, contact CLPP for assistance.

Step 2 Inform CLPP Representative

Contact CLPP representative by telephone or visit CLPP offices as necessary. A contact list is shown on the back page. If in doubt, please phone 2728 8333 (24-hour hotline).

Step 3 Site Meeting

Explain the scope of works to CLPP representative. Mark the 'approximate' alignment of the cables and boundary of works on ground level.

Step 4 Locating Underground Cable Alignment (for Overhead Line Alignment, Go to Step 6)

Before excavation commences, contractor shall request a registered Competent Person to detect and verify any cable in or near the proposed works site using suitable non-destructive cable locating device. Details of the detection shall refer to the Code of Practice on Working near Electricity Supply Lines issued by EMSD.

Step 5 Trial Holes

After detection, ascertain and confirm the exact position of cables by hand digging trial holes. Before beginning trial hole excavation, the contractor shall inform CLPP of the nature of the intended works if (a) the target cables are of 132kV or above; or (b) the works involve trenchless excavation or horizontal drilling such as pipe jacking and soil nailing, etc. Arrange temporary protection if cable is exposed.

Step 6 Cables and Overhead Lines Identification

Should there be any doubt regarding discrepancies between the detection/location result and the CLPP's cable/overhead lines drawings, or the contractor encounters genuine difficulty in identifying the cables/overhead lines shown in the drawings, contact CLPP representative for assistance or clarification on site when required. Arrangement is to be made for this as in STEP 2.

Step 7 Arrange Precautions and Protection

Cable: Install temporary cable markers to indicate the exact position of the cables and take necessary precautions, as appropriate to guard against accidental damage to cables. Protect and support the cables properly on site.

Overhead Line: Set up ground level barrier and gateway as appropriate to limit the working area and height when working near overhead lines. Assign a signaller to maintain a safe working distance of equipment, plant and tools from overhead lines.

Step 8 Regular Inspection

Contractors should carry out regular inspections to ensure that the workers do follow the instructions given. For large construction sites a representative shall be nominated to liaise with CLPP representative and carry out the inspections.

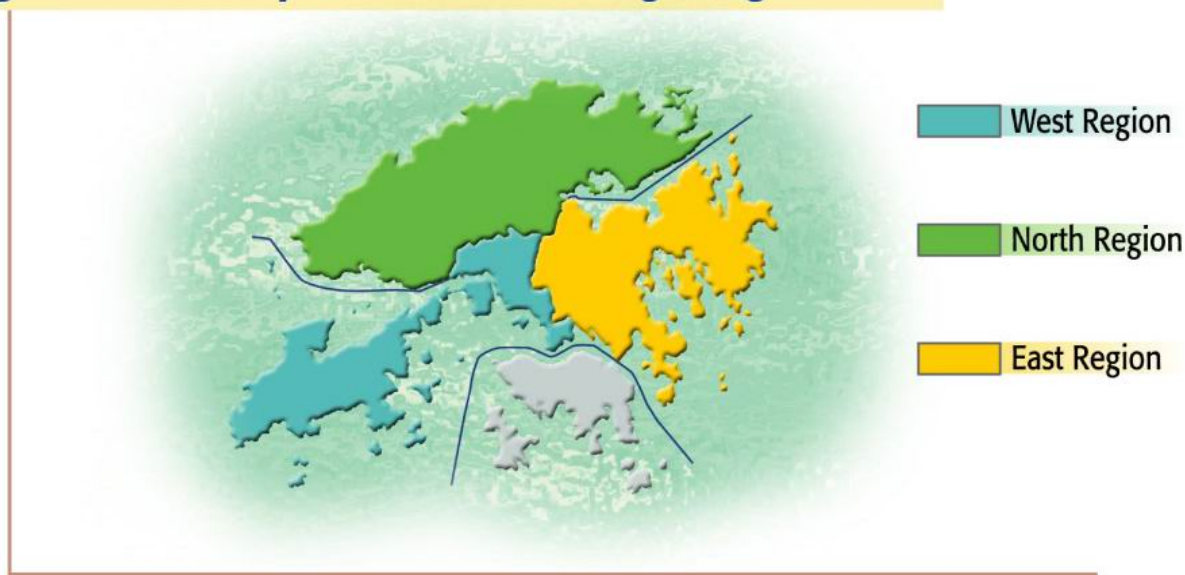
Step 9 Resolving Site Problems

When site problems arise due to the presence of electricity supply lines, contact CLPP representative for assistance.

Step 10 Backfilling

Inform CLPP representative to inspect the cables prior to soil backfilling. The works area and ground condition shall be reinstated to their original status.

Regional Boundary of CLP Power Hong Kong Limited



Contact Details of CLP Power Hong Kong Ltd.

General enquiries for mark-up drawing for planned site work :

Regional Office	Responsible Areas	Telephone No.	Fax No.	Address
West Region	Tsim Sha Tsui, Yau Ma Tei, Hung Hom, Tai Kok Tsui, Mong Kok, To Kwa Wan, Sham Shui Po, Shek Kip Mei, Cheung Sha Wan, Lai Chi Kok, Kwai Chung, Tsuen Wan, Tsing Yi, Lantau, Tung Chung, Peng Chau & Cheung Chau	2678 3799	2678 3737	1 To Wah Road, Jordan, Kowloon
North Region	Sham Tseng, Siu Lam, Tuen Mun, Yuen Long, Kam Tin, Tin Shui Wai, Sheung Shui, Fanling, Tai Po, Shek Kong, Tai Mei Tuk, Sha Tau Kok & Lok Ma Chau	2678 1906	2678 2067	16 Ka Fu Close, Sheung Shui, N.T.
East Region	Yau Tong, Kwun Tong, Lam Tin, Sau Mau Ping, Kowloon Bay, Ngau Tau Kok, Choi Hung, San Po Kong, Wong Tai Sin, Diamond Hill, Tsz Wan Shan, Tai Wai, Sha Tin, Ma On Shan, Sai Kung, Tseung Kwan O & Clear Water Bay	2678 1341	2678 1504	171 Shatin Pass, Tze Wan Shan, Kowloon

Emergency enquiries for mark-up drawing for emergency site work:

Office hours: 08:30-17:00 (Monday - Friday)

Tel No.: 2678 6704 (office hours)

Fax No.: 2678 6757 (office hours)

Tel No.: 2678 7721 (after office hours)

Fax No.: 2678 6368 (after office hours)

Incident reporting:

Tel No.: 2728 8333 (24-hour hotline)

