

Minimum Approach Distances Near 220kV Transmission Lines on Towers (Pylons)

This diagram is for quick reference only and does not contain all safe distance requirements for all activities near 220kV transmission lines.

For further details on safe distance requirements please refer to the mandatory New Zealand Electrical Code of Practice 34 2001 (NZECP:34), available from the Energy Safety Service web site http://www.ess.govt.nz/rules/pdf/nzecp34_2001.pdf or contact **Transpower** ph. **0800 843 474**

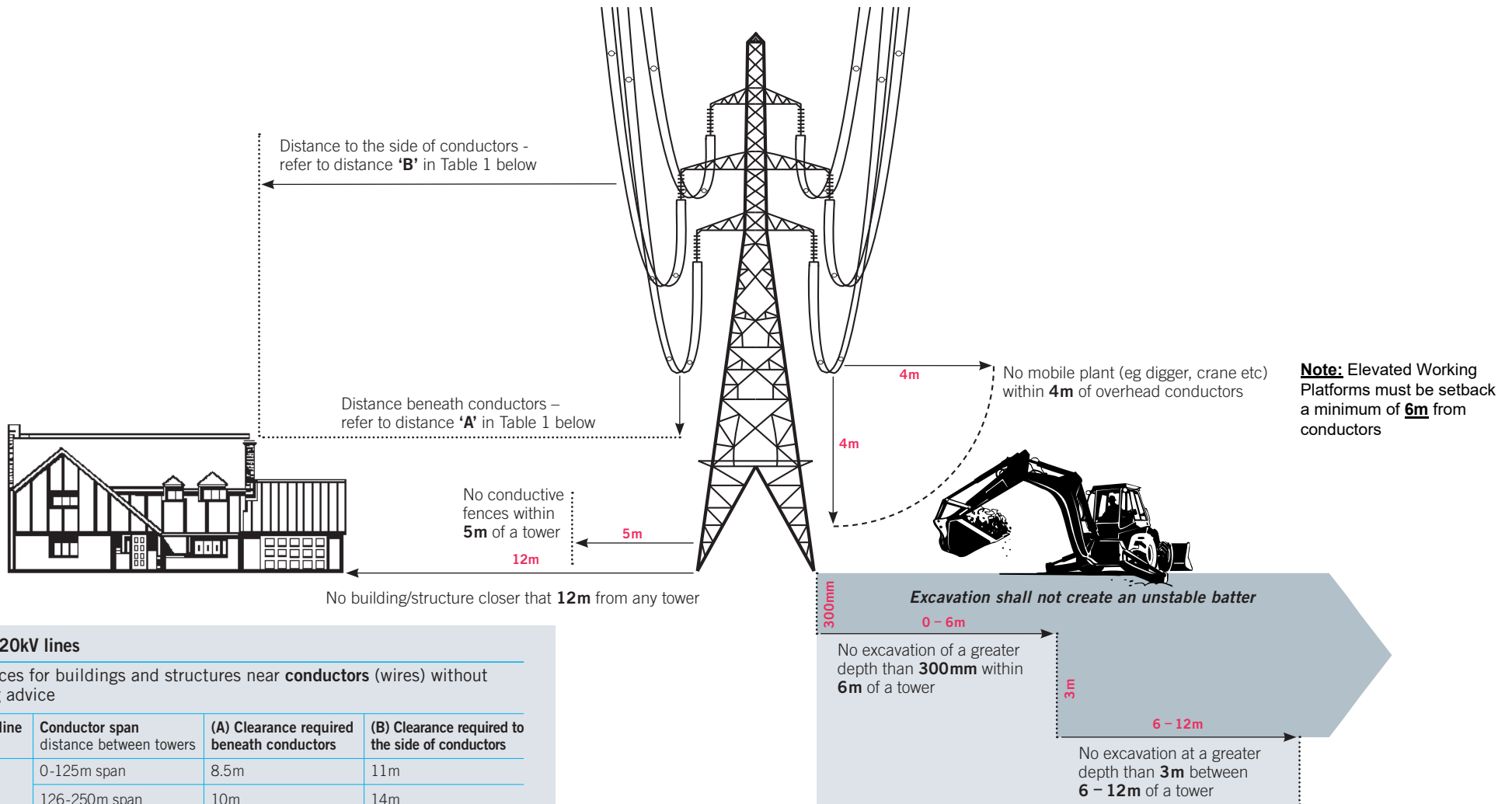


Table 1 – 220kV lines

Safe distances for buildings and structures near **conductors** (wires) without engineering advice

Transmission line voltage	Conductor span distance between towers	(A) Clearance required beneath conductors	(B) Clearance required to the side of conductors
220kV	0-125m span	8.5m	11m
	126-250m span	10m	14m
	251-375m span	11m	22.5m
	375m span or greater	Engineering advice required	

Note: NZECP:34 allows for reduced distances from conductors where a detailed engineering assessment has been carried out. Please check with Transpower for advice on this allowance.

Drawing not to scale

