



Close Approach Approval to Operate Machinery Closer Than 4 Metres to Electric Power Lines

		Close Approach No:
Applicants Name:		Date of Application:
Company Name:	Address:	
Contact Details: Ph:	Fax:	Mobile:
Email:		
Work Description:		
Street or Locality where work is to be carried out:		
Work Start Date:	Work Completion Date:	
Work Start Time:	Work Completion Time:	

On signing this form the applicant agrees that the work detailed above shall be in accordance with section 5 of NZECP 34 and Electricity (Safety) Regulations 2010, regulation 35. All practical steps shall be made to maintain minimum safe working distances as set out below. All lines shall be treated as alive at all times. Work as stated above shall only commence on receiving Westpower Limited's formal approval. The applicant shall ensure that only competent operators will be operating plant and machinery at this work site. (Copy of NZECP 34 on reverse of this form.)

Applicants Signature: _____ **Date:** _____

Please forward this application to Westpower Limited System Control Room Fax No: 03 768 2755

WESTPOWER LIMITED USE ONLY

Note: The minimum safe working distance to overhead power lines under this close approach approval is:

- 1.0 Metre to 230/400 volt lines
- 1.5 Metres to 11,000 volt lines
- 2.5 Metres to 33,000 volt lines

(☒ mark appropriate box)

The maximum voltage at the above location has been confirmed as _____ volts

Application: **Approved / Declined**

(cross out appropriate one)

Approval Signature: _____ Date: _____

Approval Name: _____ (Print Name)

Enter approval on Rolling Release Board

Transformer No. nearest to work site: _____ Feeder/s in work area: _____

Isolation point in the event of emergency: _____

Extract from New Zealand Electrical Code of Practice for Electrical Safe Distances
http://www.energysafety.govt.nz/upload/33443/nzecp34_2001.pdf

5.2 MINIMUM APPROACH DISTANCE

- 5.2.1 The distance between any live overhead electric line and any part of any mobile plant or load carried shall be **“AT LEAST 4.0 METRES”**, unless the operator has received written consent from the overhead electric line owner allowing a reduced distance.
- 5.2.2 When an approval has been obtained pursuant to clause 5.2.1, and subject to clause 5.5.1, the minimum approach distance between a conductor and any mobile plant shall not be less than specified in Table 6.
- 5.2.3 Figure 5 provides a quick reference guide to the minimum safe distances for use of mobile plant near conductors of overhead electric lines.

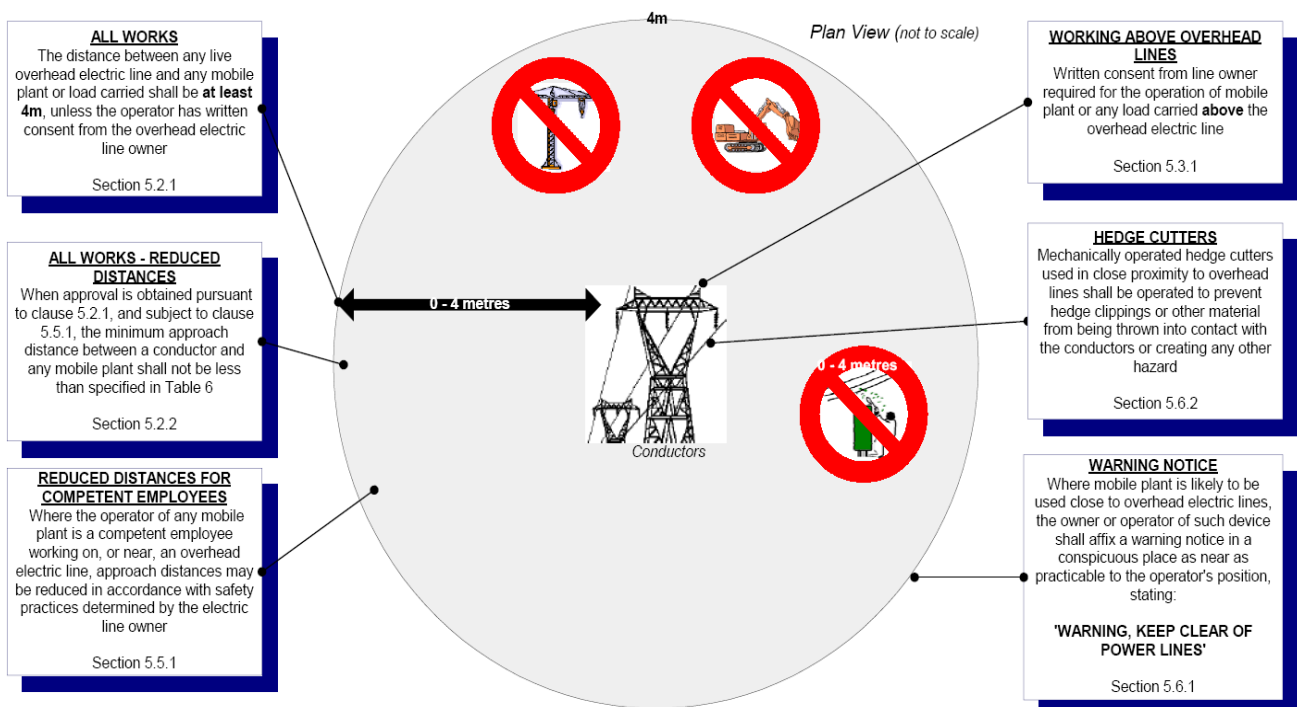
5.3 WORKING ABOVE OVERHEAD ELECTRIC LINES

- 5.3.1 Mobile plant or any load carried shall not operate above the conductors of any overhead electric line unless the operator has received written consent from the overhead electric line owner to work above the overhead electric line.
- 5.3.2 The use of helicopters above overhead electric lines is governed by the Civil Aviation Rules.

5.4 CONSENT FOR REDUCED MINIMUM APPROACH DISTANCES

- 5.4.1 The application for written consent from the overhead electric line owner shall be made with reasonable notice.
- 5.4.2 The overhead electric line owner’s written consent shall advise:
 - (a) The voltage of the overhead electric line and the minimum approach distance to be observed, which shall not be less than the requirements of Table 6; and
 - (b) Any other reasonable conditions to be observed while working in proximity to, or above, the overhead electric line.
 - (c) The section of line to which the consent applies.

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FIGURE 5 MINIMUM SAFE DISTANCES FOR THE OPERATION OF MOBILE PLANT NEAR CONDUCTORS



Notes

- This diagram is for quick reference only. Please refer to Section 5 for the complete minimum safe distance requirements.
- Mobile Plant includes cranes, loaders, excavators, drilling or pile driving equipment or other similar device.
- The provisions of Section 5 do not apply to live line work or to any conductor forming part of the mobile plant or any collector wire, insulated cable, or flexible cord used for the purpose of supplying electricity to the mobile plant (section 5.1.1) or while mobile plant is in transit on a road and the relevant requirements of the Traffic Regulations 1976 are observed (section 5.1.4).