

Voltage	Conductor	Minimum Clearance (Horizontal)	Safety Conditions
		Conductor blowout must be added to these figures *	
Low Voltage Including Aerial Services & Aerial Switch Wires	Open Wire (Bare or PVC)	Up to and including 4.0m	Isolated, cable covers, and appropriate authority by Ausgrid, or relocate
		More than 4.0m	Appropriate risk assessment.
	ABC	Up to and including 0.3m	Isolated, cable covers, and appropriate authority by Ausgrid, or relocate
		More than 0.3m and up to and including 1.0m	Isolated, cable covers, and appropriate authority by Ausgrid, or cable covers and Safety Observer.
		More than 1.0m and up to and including 4.0m	Cable covers and appropriate risk assessment.

Scaffolding Erected Near Overhead Conductors

Once the scaffolding is erected, under worst conditions of conductor sag and wind movement (blowout), the applicable safety conditions specified in the table below must be implemented until the scaffolding construction is to be dismantled:

Voltage	Conductor	Minimum Clearance (Horizontal)	Safety Conditions
		Conductor blowout must be added to these figures *	
Low Voltage Including Aerial Services & Aerial Switch Wires	Open Wire (Bare or PVC)	Less than 0.6m	Isolated, Cable covers, and appropriate authority by Ausgrid, or relocate
		0.6m to 4.0m	Cable covers and hoarding with internal signage.**
	ABC	Less than 0.1m	Isolated, Cable covers, and appropriate authority by Ausgrid, or relocate
		0.1m to 0.3m	Cable covers and hoarding with internal signage.**
		0.3m to 4.0m	Cable covers

* Minimum allowances for conductor blowout mean that clearances of no less than the following will be accepted by Ausgrid:

1.0m for Low Voltage ABC

1.5m for Low Voltage Bare Conductor

** The Appendix below details the requirements where hoarding is required.

Where cable covers have been identified as required in either of the above '**Safety Conditions**' they will be erected by Ausgrid, and are to extend the full length of the overhead cables likely to be affected by the construction activities and for an additional 5 metres beyond those extremities. The cost for the cable covers will be borne by you and are to be arranged through the contact numbers identified at the bottom of this letter. Temporary cable covers are for visual purposes only and do not provide any reliable insulating benefit.

You must visually inspect the cable covers prior to the commencement of work each day and if they have moved, you must contact Ausgrid to replace the cable covers in their correct position, before work can re-commence.

In the event of an incident caused by the crane or plant, you must immediately notify Ausgrid on 13 15 25. You must also notify WorkCover of the incident on 13 10 50.

You must return a signed and dated copy of this letter and undertake the necessary actions identified in this letter, before works can commence.

Yours sincerely,

Customer Connections

To Be Completed By the Principal Contractor

I/We _____ Company: _____

Address: _____ Postcode: _____

Telephone: _____ Fax: _____

I have read and understood my/our responsibilities as stated in Ausgrid's letter **Re: Erection of Scaffolding in Close Proximity to Ausgrid's Overhead Network at**

159 QUEENS ROAD, CONNELLS POINT

Dated 1 / 3 / 2018 and will undertake the necessary actions to comply with these requirements.

Signature: _____

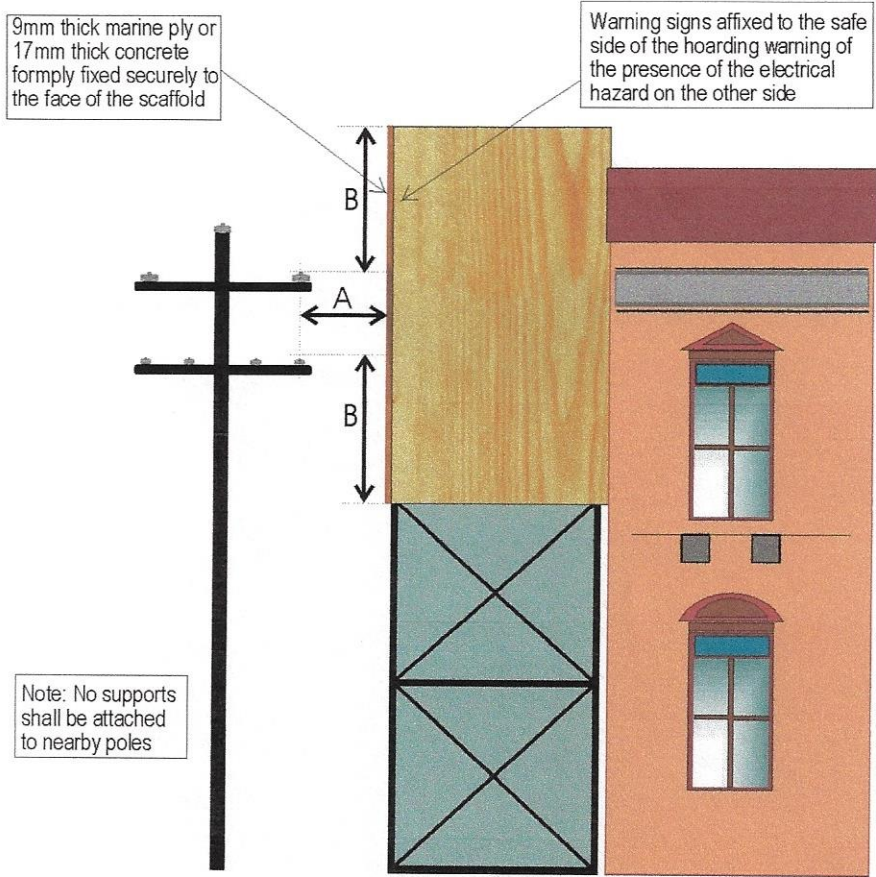
Appendix Erected Scaffolding Safety Clearances

This Appendix depicts the minimum clearances between erected scaffolding and a LIVE power line when a non-conductive *hoarding* is used to provide an impenetrable barrier to tools, materials and equipment. The clearances shown are HORIZONTAL SAFETY CLEARANCES and vertical mechanical clearances from the conductors.

WARNING

This only applies to erected scaffolding.
It does not apply to scaffolding either being erected or dismantled

Conductor Blowout (sag & wind movement)
must be added to establish all site specific safety clearances *.



Voltage	Conductor Type	Minimum Clearances for "A" Conductor blowout must be added to these figures *	Minimum Clearance for "B" Conductor blowout must be added to these figures *
Low Voltage (Including Aerial Services & Aerial Switch Wires)	Open Wire (Bare)	0.6m *	2.0m
	ABC	0.1m *	1.0m
High Voltage up to and including 33kV	Bare & CCT or CC	1.5m	2.0m
	ABC	0.3m	2.0m
High Voltage > 33kV	Bare	Refer to the Network Operator	

* Minimum allowances for conductor blowout mean that clearances of no less than the following will be accepted by Ausgrid:
1.0m for Low Voltage ABC
1.5m for Low Voltage Bare Conductor

Notes:

- 1 Gaps between fitted sheets of approved plywood should not exceed 3mm
- 2 No exposed cut or drilled holes are permitted in the sheets of plywood
- 3 Installer is responsible for attaching plywood to the scaffold, and ensuring that the arrangement can sustain an appropriate wind load
- 4 Warning signs should be affixed to the safe side of the *hoarding* warning of the presence of the electrical hazard on the other side of the *hoarding* and warning that the *hoarding* should not be removed.
- 5 A competent person should visually inspect the hoarding and, if applicable the enclosure on a daily basis to ensure the hoarding and enclosure are in a satisfactory condition and remain impenetrable.

Examples of Safely Enclosed Conductors

The minimum clearances for "A" in the table above should be applicable to safe enclosures in all directions, other than the point where conductors enter the enclosure. Although sites suitable for safely enclosing conductors may vary an example is given below.

Note : For ease of visualisation, compliance for the general scaffold is not shown below, only requirements for the enclosure. In all cases the requirement, for scaffolding and *hoarding* as indicated above must still be met.

WARNING

**This Appendix only applies to erected safely enclosed environments.
It does not apply to enclosures either being erected or dismantled**

**Conductor Blowout (sag & wind movement)
must be added to establish all site specific safety clearances.**

