

60 Nail Gun					
Controlling Risk:		Engineering	Administrative	PPE	
- Use the nail gun strictly in accordance with the manufacturer’s instructions and within its intended operating parameters. - Only trained and authorised workers are permitted to use nail guns. - Inspect the nail gun before use and do not operate if it is damaged, faulty, or not functioning correctly. - Keep hands, fingers, and body parts well clear of the firing zone at all times. - Never place hands in front of, under, or behind the area being nailed. - Do not fire nails into knotty, split, excessively hard, or unstable timber, as nails may deflect or ricochet. - Be aware of other people in the area and never nail into timber if anyone is positioned behind or in line with the firing path. - Maintain a stable stance and secure the workpiece to prevent movement during nailing. - Do not bypass or disable safety mechanisms such as contact tips or trigger locks. - Disconnect the power source by removing the battery and gas cylinder, and release stored energy before clearing jams, performing maintenance, or making adjustments. - Never carry or pass a nail gun with your finger on the trigger.					
Initial Risk:	Moderate	Residual Risk:		Low	
61 Overhead Power Lines					
Controlling Risk:		Elimination	Substitution	Engineering	Administrative
- In accordance with NZECP 34, no person, tool, mobile plant (such as excavators or cranes), or scaffolding is permitted to come within 4 metres of any overhead power line. - This limit applies to the maximum possible reach of your equipment, such as a crane boom fully extended or a truck bed tipped up, not just its height while stationary. - You must assume all overhead conductors are high voltage and energized until the asset owner proves otherwise. - If work must occur within this 4-metre zone, you must obtain written Close Proximity Consent from the Network Asset Owner before starting.					
Voltage		Minimum distance beneath		Minimum distance to side of	
Not exceeding 1kV		4m		3.5m	
Exceeding 1kV but not exceeding 11kV		5.5m		5m	
Exceeding 11kV but not exceeding 33kV		7m		8.5m	
Exceeding 33kV but not exceeding 110kV		7.5m		9.5m	
Exceeding 110kV		Refer to table 2 NZECP34			
On-Site Safety Controls					
- Contact your local power supplier before starting any work under or near power lines, poles, or stay lines. - A dedicated spotter must be used if any part of the mobile plant could potentially enter the 4-metre zone. Their only job is to monitor the distance between the machine and the lines. - Use "Goal Posts" (height-limiting markers) and ground-level bunting to define the 4-metre boundary. - Ensure plant is on stable ground to prevent tilting or slipping toward the lines. - The asset owner may require a standby observer or line de-energization.					
If a vehicle or machine makes contact with a live power line:					
- Stay in the Vehicle: This is usually the safest place; do not touch any metal parts. - Warn Others: Shout to keep everyone at least 10 metres away from the machine and the area. - Break Contact: If possible, drive the machine clear of the lines. - Jump Clear (Fire Only): If you must exit due to fire, jump clear so that you do not touch the machine and the ground at the same time. - Move Away: Keep your feet together and shuffle or hop away for at least 10 metres.					
Initial Risk:	Extreme	Residual Risk:		Moderate	