

Safe Operating Procedure Nail Gun

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We are located at:
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The instructions recommended within this document apply to normal risk conditions. If the Nail Gun is to be operated in a dangerous or hostile environment, the user/client is responsible for conducting an appropriate risk analysis and applying suitable controls to mitigate those additional risks.

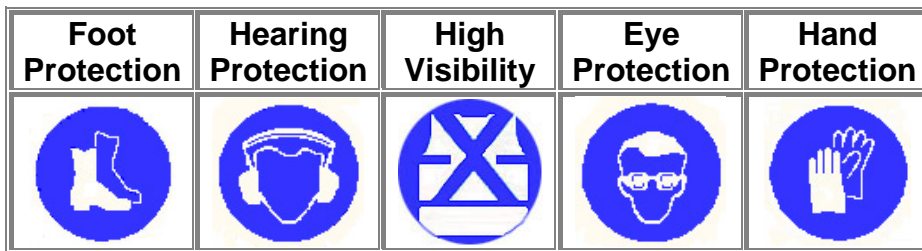
This instruction should be read in conjunction with the Risk Assessment procedure for the Nail Gun.

Safety risks:

- Discharged Nails
- Compressed Air
- Electrocutation

WARNING: Do not wear loose fitted clothing or jewellery and ensure long hair is contained

You must wear this personal protective equipment when doing this task:



Pre-Operational Check:

- ✓ Ensure task (e.g. Drawings, instructions, specifications etc.) is clearly understood.
- ✓ Nails have been correctly loaded into gun.
- ✓ Compressed air hose is in good condition and free from damage.
- ✓ Compressed air hose has been correctly attached to gun.
- ✓ Work piece is secured in jig and identify trigger switch in one-shot mode.
- ✓ Examine power cord, extension lead, plugs, sockets and power outlet for damage.
- ✓ Identify ON/OFF switch and emergency stop button (if fitted).
- ✓ Ensure all other employees are clear of the immediate work area.

Safe Operation:

1. Do not use in close proximity to other workers.
2. Set jigs to hold work pieces.
3. Keep hands clear of work piece and away from nail gun.
4. Hold gun to object to be nailed and hold steady when firing.
5. Do not carry or re-position the gun with the trigger depressed.
6. Place nail gun down before preparing next work piece.
7. Ensure good housekeeping practices are in place to minimize waste build-up.

Storage & Maintenance:

1. Nail gun must be isolated from power sources when being cleaned, adjusted, maintained or repaired.
2. Detach compressed air hose and return to air compressor.
3. Remove nails from chamber.

Nail Gun Risk Assessment

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Likely Risk Issue	Who/ What may be harmed? (Specific Persons)	What is the Rate Level? (Rate risk as Low, Medium or High)	What Risk Control Actions Needs to Be Taken? (What needs to be considered so that the risks are identified and effectively controlled)	Time Frame
Impact and cutting injuries	Participants Operators Spectators Staff	Severity of Risk (S) – 3 Likelihood of Risk (L) – 2 Overall Risk (S x L) = 6 MEDIUM	<ul style="list-style-type: none"> Operative to be trained in correct use of gun Gun to be used in compliance with manufacturer's instructions Ensure operator's hands and body parts are kept clear of nail ejection point during operation and maintenance. Keep hands away from area to be nailed during normal use of plant Ensure appropriate PPE is worn whilst operating equipment Gun to be visually checked by user before use, never use a defective gun Supervision where appropriate Ensure nail gun is positioned against the object to be nailed, not fired into the air Take care when picking up a gun, never assume the gun is empty Never leave a loaded gun unattended Never operate the gun if the contact element has been removed Use correct nails for the materials 	Each hire
Noise and Vibration	Participants Operators Spectators Staff	Severity of Risk (S) - 2 Likelihood of Risk (L) - 2 Overall Risk (S x L) = 4 MEDIUM	<ul style="list-style-type: none"> Ensure adequate PPE is worn (e.g. Gloves and hearing protection) Take regular breaks from continuous operation Conduct periodic maintenance to ensure smoother operation and less vibration 	Each hire
Fire, Explosion & Electrocutation	Participants Operators Spectators Staff	Severity of Risk (S) - 3 Likelihood of Risk (L) - 2 Overall Risk (S x L) = 6 MEDIUM	<ul style="list-style-type: none"> Ensure equipment is maintained and in good condition before use DO NOT USE FAULTY EQUIPMENT. REPORT IMMEDIATELY TO RAPID HIRE Use equipment as per manufacturers recommendations Do not use gun in flammable atmosphere or near combustibile materials / substances Ensure no hidden hazards such as electric wiring, water pipes, gas pipes etc 	Each hire
Slips, Trips and falls	Participants Operators Spectators Staff	Severity of Risk (S) - 1 Likelihood of Risk (L) - 2 Overall Risk (S x L) = 3 LOW	<ul style="list-style-type: none"> Wear appropriate footwear Ensure appropriate cleaning and housekeeping practices are maintained to minimise the risk of slips, trips and falls 	Each hire

Calculation of Risk Evaluation

Severity of Risk (S) is judged by evaluating the effects of the hazard if the risk occurs. This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L) - The likelihood of the harm occurring is evaluated on the basis of: Unlikely =1, Possible = 2, Likely = 3

Overall Risk is calculated by multiplying the figure for Severity (S) and Likelihood (L).

The overall risk figure calculated is related to the Risk Level of either Low: 1 to 3; Medium: 4 to 6 or High: 7 to 9

NB This is a generic risk assessment only. It is advisable to carry out a site-specific assessment prior to using this equipment.