

### List jobs requiring nail guns

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### Explain dangers

There are two common types of nail guns used on construction sites: pneumatic and explosive cartridge. They are both very powerful and very dangerous if not used properly.

Nail guns have the capacity to fire several nails per second and can penetrate 4” into concrete. The most common type of injuries are puncture wounds caused because the bump or trigger safety was disabled.

Puncture wounds to the extremities such as hands and feet are the most common. Puncture wounds to places like the head or neck can cause more severe injuries, and can result in death.

### Identify controls

[Demonstrate with models you are currently using on site.]

**[Important: Describe the differences between a dual action trigger and a sequential trip trigger.]**

**Dual action trigger:** To fire a nail, the user can hold the trigger down and press the safety catch at the nose of the gun repeatedly against a surface without releasing the trigger. **Sequential trip trigger:** To fire a nail, the user must release and press the trigger each time, even when the safety catch is pressed against a surface.

Nail Guns speed up the work, but one careless motion is all it takes to lose an eye or put a nail through your hand.

The following are good work practices to help prevent injuries:

- Always wear the proper personal protective equipment—including eye protection—when you are using the nail gun.
- Always keep your hands and fingers off the trigger when you are not using the gun. Never carry the gun with your finger on the trigger.
- Before doing any sort of maintenance on your nail gun, whether reloading it or clearing a jam, disconnect it from its air source or remove the cartridge.
- Keep your hand and fingers well away from the nail's path. Use clamps if necessary.
- Never point the gun at another person or yourself.
- When you're not using the gun, engage the trigger safety device or disconnect the gun from its power source.
- Never modify safety features, such as tying or wiring the nose contact in the activated position.
- Never allow people who have not been trained to operate a nail gun.
- Always use the proper type of nails in the gun. Check the manufacturer's instructions.
- Never overextend your reach when you are using the gun. Hold it firmly in your hand.

### Demonstrate

Inspect the nail gun to ensure that it is in proper working condition, and that all safety features are intact and working. Demonstrate proper work techniques.