

ILLUSIONS AUSTRALIA

SAFE WORK PROCEDURE

SWP 058 – NAILING TOOLS - PNEUMATIC - OTHER

1. PURPOSE AND SCOPE

Minimum requirements for safe use of pneumatic and other powered nailing/stapling tools at Illusions Australia.

Applies to compressed-air nailers/staplers and comparable powered fastening tools not covered by the gas-powered procedure.

2. AUTHORISATION AND COMPETENCY

Only instructed and competent workers may use the tool.

Operators must understand trigger modes, contact safety, hose pressure, fastener selection and disconnection before servicing.

3. REQUIRED PPE

The following PPE must be worn as appropriate:

- Eye protection.
- Hearing protection.
- Safety footwear.
- Other task-specific PPE.

4. PRE-START CHECKS

Before commencing work, confirm that:

- Tool, magazine, trigger/contact safety and hose/fittings are serviceable.
- Air pressure is within manufacturer limits.
- Correct fasteners are fitted.
- Hose is routed to prevent trips/damage.
- Workpiece is stable and opposite side is clear.
- Hidden services are assessed where relevant.

5. SAFE OPERATING PROCEDURE

1. Connect air supply with finger off trigger and tool pointed safely.
2. Set only the required regulated pressure.
3. Load fasteners using the manufacturer's method.
4. Keep hands away from the fastening line.
5. Place nose squarely on the work and fire deliberately.
6. Maintain control of hose and tool while moving.
7. Disconnect air supply before clearing jams, adjustments or maintenance.
8. Release residual pressure and store tool safely after use.

6. PROHIBITED PRACTICES

Workers must not:

- Point the tool at people.
- Use oxygen or bottled gases as a pneumatic power source.
- Exceed rated pressure.
- Bypass safety/contact mechanisms.
- Carry by the hose or with finger on trigger.
- Clear jams while connected to air.
- Fire near edges where fasteners may deflect without control.

7. AIR HOSE AND PRESSURE

Pressurised hoses can whip and excessive pressure can damage the tool.

- Use compatible secure couplings.
- Regulate pressure.
- Disconnect and depressurise before servicing.

8. FASTENER PENETRATION

Fasteners can pass through or deflect from workpieces.

- Keep people clear behind the work.
- Keep hands away from edges and fastening line.
- Use correct fastener length/type.

9. FAULTS, DAMAGE AND ABNORMAL CONDITIONS

Stop for hose leak, failed safety mechanism, repeated misfire/jam, damaged magazine or abnormal operation.

Disconnect and tag defective equipment.

10. SHUTDOWN AND HOUSEKEEPING

- Disconnect and depressurise.
- Remove fasteners where required.
- Coil hose safely.
- Clean/store tool.
- Report defects.

11. EMERGENCY AND INCIDENT RESPONSE

1. Stop the equipment or activity immediately.
2. Isolate the hazard or energy source where safe to do so.
3. Provide or obtain first aid as required.
4. Notify the Foreman, Leading Hand or other authorised Illusions Australia representative.
5. Call emergency services where required.
6. Do not recommence until the incident, defect or unsafe condition has been addressed.

12. STOP WORK REQUIREMENT

Work must stop where:

- Safety mechanism is defective.
- Air supply cannot be safely regulated.
- Workpiece/hidden-service risk is uncertain.
- People cannot be excluded from the fastener path.
- Tool or hose is damaged.

No production requirement or deadline takes priority over safe work.

DOCUMENT CONTROL

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