

Title	Use and maintain portable nail or staple guns in the manufacture of wood products		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: demonstrate knowledge of health and safety issues relevant to the safe use of portable nail or staple guns; select and use a portable nail or staple gun to perform wood product manufacturing operations; and carry out routine maintenance of portable nail or staple guns.
----------------	--

Classification	Solid Wood Manufacturing > Wood Product Manufacturing Skills
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider wood manufacturing industry as examples of best practice.
Fastening device refers to nails, staples (either loose or in coils or strips), and other consumable joining mechanisms used in the operational process.
Portable nail or staple gun refers to hand-held pneumatic mechanically-powered nailing and stapling devices.
Routine maintenance refers to maintenance that does not require the services of a qualified service technician.
Sequential trip mechanism refers to a design feature that necessitates depressing the work-contacting element followed by pressure upon the trigger in order to discharge a single fastener.
Torsion spring may also be referred to as a feeder spring.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the wood manufacturing sector.

3 Assessment information

All activities and evidence must be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of health and safety issues relevant to the safe use of portable nail or staple guns.

Performance criteria

1.1 Safe work practices are identified and applied.

Range includes but are not limited to – positioning of hands and direction of gun for safe nailing and stapling to take place; sequential trip mechanism checked for correct operation; the wearing of appropriate safety equipment: eye and hearing protection, appropriate footwear.

1.2 The safe use of portable nail or staple guns is explained.

1.3 Hazards associated with portable nail or staple guns are identified, and the consequences of non-conformance with workplace procedures are described in terms of equipment damage, production loss, and personal hazard.

Outcome 2

Select and use a portable nail or staple gun to perform wood product manufacturing operations.

Performance criteria

2.1 Nail or staple gun is checked prior to use to confirm gun is in safe working condition and is set up as per manufacturer recommendations and current legislative requirements.

Range must include but is not limited to – protective devices, sequential trip mechanism, torsion spring, power sources.

2.2 Air hoses are checked for leaks and secure quick release attachments.

2.3 Nail or staple gun is used in accordance with the manufacturer's recommendation.

2.4 Fastening devices are selected for task, and the nail or staple gun, in accordance with manufacturer's recommendation.

Range types, sizes, and functions of fastening devices.

2.5 Safe work practices associated with using a nail or staple gun are identified and applied.

Range safety of user and bystanders, effective use of the materials.

Outcome 3

Carry out routine maintenance of portable nail or staple guns.

Performance criteria

3.1 Portable nail or staple guns are checked and maintained in safe working condition.

Range includes but is not limited to – free of blockages, rust, and dirt; lubricated; determined to be in safe and good mechanical and electrical condition; air hoses are checked for wear.

3.2 Problems are identified and corrected.

3.3 Damaged and faulty portable nail or staple guns and air connections are identified and removed for service and repair or replacement.

3.4 Communication with other workers, and production, maintenance, and quality records are completed.

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 March 2002	31 December 2015
Review	2	18 December 2006	31 December 2015
Review	3	20 March 2014	N/A
Review	4	22 October 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.