

Title	Use and maintain a power-assisted fastening tool for frame and truss manufacture		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to, for frame and truss manufacture: describe the use of a power-assisted fastening tool; and load, set up, operate and functionally maintain a power-assisted fastening tool.
----------------	---

Classification	Construction Trades > Carpentry
-----------------------	---------------------------------

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

Guidance Information

- 1 Definitions
Power-assisted fastening tool can include fastening tools powered by compressed air, compressed gas or electricity.
Workplace practice refers to the documented procedures specific to a workplace which set out the standard and required practices of that workplace.
- 2 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the productivity, uniformity, finish quality, and material economies currently accepted within industry.
- 3 Legislation and publications relevant to this unit standard include:
 Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;
 Building Act 2004;
 New Zealand Building Code.

Outcomes and performance criteria

Outcome 1

Describe the use of a power-assisted fastening tool for frame and truss manufacture.

Performance criteria

- 1.1 Set-up and loading of a power-assisted fastening tool is described in terms of the manufacturer's instructions and workplace practice.

- 1.2 Operation of a power-assisted fastening tool is described in terms of the manufacturer's instructions, job requirements and workplace practice.
- Range placement and angle of use, depth of driving, clearance of jams.
- 1.3 Functional maintenance for the use of a power-assisted fastening tool is described in terms of the manufacturer's instructions and workplace practice.
- Range screws inspected for tightness, daily inspection for free movement of safety element and trigger, daily clean and inspection for wear, correct replacement parts used, inspection of power source equipment and parts.
- 1.4 Use of a power-assisted fastening tool is described in terms of safety requirements.
- Range personal protective equipment, setup of work area, handling and storage techniques, good housekeeping practices, disconnection procedures.

Outcome 2

Load, set up and operate a power-assisted fastening tool for frame and truss manufacture.

Performance criteria

- 2.1 Power-assisted fastening tool is loaded and set up in accordance with the manufacturer's instructions and workplace practice.
- 2.2 Power-assisted fastening tool is used to drive fasteners in accordance with the manufacturer's instructions, job requirements and workplace practice.
- Range placement and angle of use, depth of driving, clearance of jams.
- 2.3 Power-assisted fastening tool is operated without risk or harm to people, equipment and property.
- Range personal protective equipment, safe setup of work area, handling and storage techniques, good housekeeping practices, disconnection procedures.
- 2.4 Power-assisted fastening tool and work areas are cleaned after operation in accordance with workplace practice.

Outcome 3

Functionally maintain a power-assisted fastening tool.

Performance criteria

- 3.1 Power-assisted fastening tool is inspected, cleaned and maintained in accordance with the manufacturer's instructions and workplace practice.
- Range screws inspected for tightness, daily inspection for free movement of safety element and trigger, daily clean and inspection for wear, correct replacement parts used, inspection of power source equipment and parts.
- 3.2 Inspection of the power-assisted fastening tool's power source equipment and connections is carried out in accordance with the manufacturer's instructions and workplace practice.
- 3.3 Power-assisted fastening tool is lubricated in accordance with the manufacturer's instructions.
- 3.4 Trouble shooting maintenance is carried out in accordance with the manufacturer's instructions and workplace practice.
- 3.5 Power-assisted fastening tool maintenance is carried out without risk or harm to people, equipment and property.
- Range personal protective equipment, safe setup of work area, handling and storage techniques, good housekeeping practices, disconnection procedures.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 September 2004	31 December 2023
Review	2	9 December 2010	31 December 2023
Review	3	25 November 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference

0048

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