

Title	Use and maintain a wall frame assembly machine		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: describe the use of a wall frame assembly machine; and load, set up, operate, and functionally maintain a wall frame assembly machine.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

- 1 Definitions
Functional maintenance refers to company or manufacturer-specified, general, day-to-day tasks performed by a machine or tool operator to keep the machine or tool in working order.
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 wall frame assembly machine.

Performance criteria

- 1.1 Set up and loading of a wall frame assembly machine is described in terms of the manufacturer's instructions and workplace practice.

1.2 Operation of a wall frame assembly machine is described in terms of the manufacturer's instructions and workplace practice.

Range rest locaters, clamping, setting and angle of fastening tool(s), depth of driving, clearance of jams.

1.3 Functional maintenance for the use of a wall frame assembly machine is described in terms of the manufacturer's instructions and workplace practice.

Range screws inspected for tightness, tension of nuts and bolts, daily inspection for free movement of safety elements, daily clean and inspection for wear, correct replacement parts used, inspection of power source equipment and parts, replenishment of oiler.

1.4 Use of a wall frame assembly machine is described in terms of safety requirements.

Range personal protective equipment, setup of work area, handling and storage techniques, good housekeeping practices, disconnection from air supply, shutdown procedures.

Outcome 2

Load, set up and operate a wall frame assembly machine.

Performance criteria

2.1 Wall frame assembly machine is loaded and set up in accordance with the manufacturer's instructions and workplace practice.

2.2 Wall frame assembly machine is used to construct frames in accordance with the manufacturer's instructions and workplace practice.

Range rest locaters, clamping, setting and angle of fastening tool(s), depth of driving, clearance of jams.

2.3 Wall frame assembly machine is operated safely.

Range personal protective equipment, setup of work area, handling and storage techniques, good housekeeping practices, disconnection from air supply, shutdown procedures.

2.4 Wall frame assembly machine and work areas are cleaned after operation in accordance with workplace practice.

Outcome 3

Functionally maintain a wall frame assembly machine.

Performance criteria

3.1 Wall frame assembly machine is inspected, cleaned and maintained in accordance with the manufacturer's instructions and workplace practice.

Range screws inspected for tightness, tension of nuts and bolts, daily inspection for free movement of safety elements, daily clean and inspection for wear, correct replacement parts used, replenishment of oiler.

3.2 Inspection of the wall frame assembly machine's power source equipment and connections is carried out in accordance with the manufacturer's instructions and workplace practice.

3.3 Wall frame assembly machine 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 Wall frame assembly machine maintenance is carried out safely.

Range personal protective equipment, setup of work area, handling and storage techniques, good housekeeping practices, disconnection from air supply, shutdown 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>.