

Title	Install hardware on doors and windows		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – prepare to install window and door hardware; – install door hardware; and – install window hardware.
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Classification	Joinery > Joinery Operational Skills
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Available grade	Achieved
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Guidance Information

- 1 Legislation and standards relevant to this unit standard include:
 - Health and Safety at Work Act 2015; available from www.legislation.govt.nz;
 - SNZ TS 4211: 2022 . *Specification for performance of windows*;
 - NZS 3610: 1979 *Specification for profiles of mouldings and joinery*, available from <http://www.standards.co.nz/>, and any subsequent amendments and replacements.

- 2 Assessment
Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

This unit standard must be assessed under the supervision of a commercially competent practitioner in workplace conditions that reflect:

- commercial standards, current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

- 3 Definition
Workplace requirements refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.

- 4 Range
Windows – one of hinged, awning, double-hung, louvre, sliding/folding, sliding, pivot.
Doors – one of single swing, double swing, bifold, sliding/folding, sliding.

Outcomes and performance criteria

Outcome 1

Prepare to install window and door hardware.

Performance criteria

- 1.1 Hardware is selected and measured to meet job specifications.
- 1.2 Hardware is calculated and ordered.

Outcome 2

Install door hardware.

Performance criteria

- 2.1 Personal protective equipment is applied.
- 2.2 Door hardware is installed to meet the job specification.
- 2.3 Door hardware is adjusted in accordance with manufacturer specifications.
- 2.4 Post-operational procedures are completed in accordance with workplace requirements.

Outcome 3

Install window hardware.

Performance criteria

- 3.1 Personal protective equipment is applied.
- 3.2 Window hardware is installed to meet the job specification.
- 3.3 Window hardware is adjusted in accordance with manufacturer specifications.
- 3.4 Post-operational procedures are completed in accordance with workplace requirements.

Replacement information	This unit standard replaced unit standard 2521 and unit standard 2526.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2014	31 December 2025
Review	2	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference	0073
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.