

<b>Title</b>	<b>Manufacture special fitments for joinery work</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>30</b>

<b>Purpose</b>	People credited with this unit standard are able to: <ul style="list-style-type: none"> <li>– describe the use of hardware used with special fitments;</li> <li>– make a template for manufacturing a special fitment; and</li> <li>– manufacture special fitments for joinery work.</li> </ul>
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<b>Classification</b>	Joinery > Joinery Operational Skills
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<b>Available grade</b>	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](http://www.legislation.govt.nz);
  - AS/NZS 4386.1: 1996. *Domestic kitchen assemblies – Kitchen units*, 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 Definitions

*Fitment* refers to an item of furniture or joinery. A special fitment refers to timber and pre-finished panel cabinetry that is not a standard joinery item. It may refer to bar fit out, commercial fit out, display case, breakfast bar with curved frontage, wine rack, island with framed doors and wardrobe fit outs.

*Joinery work* refers to the work, job, or project relevant to joinery, cabinetry, doors and windows, stairs, bench tops, shop fittings and specialty surfaces.

*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

Three different special fitment items, each using a different material for each.

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## Outcomes and performance criteria

### Outcome 1

Describe the use of hardware used with special fitments.

#### Performance criteria

1.1 Joinery hinges are described in terms of how they are used for joinery work.

Range concealed, butt, flush, overlay, piano, back-flap;  
evidence of four different hinges is required.

1.2 Joinery hardware is described in terms of how it is used for joinery work.

Range handle, drawer system and slide, lock, guide, plinth leg, catch, roller door, adjustable leg, rack, basket, toe space facing, pull-out rack and pantry, swivel corner storage unit, bin, rail, cutlery insert;  
evidence of four different items of hardware is required.

1.3 Screws used on special fitments are described in terms of their use for joinery work.

Range superscrew, twinscrew, hingescrew, base-plate and drawer slide fixing;  
evidence of four different screws is required.

1.4 Knock-down fittings used on special fitments are described in terms of their use for joinery work.

Range joint fastener, top connector, insert nut, double-ended stud, connecting brackets and clips, cams and dowel, connector screw;  
evidence of four different knock-down fittings is required.

### Outcome 2

Make a template for manufacturing a special fitment.

#### Performance criteria

2.1 The job specifications for the template are identified from the job specification.

2.2 Variances are identified, and final measurements are calculated in accordance with the job specifications.

2.3 A template to meet the job specifications is designed and produced.

Range scribed in the workshop, scribed on-site.

2.4 Before manufacture, the template is used to set out job specifications.

### Outcome 3

Manufacture special fitments for joinery work.

### Performance criteria

3.1 The client requirements for a special fitment are confirmed.

3.2 Working drawings are used to identify the fitment units and the material requirements are calculated and ordered.

3.3 The units are set out as specified in the working drawings.

3.4 The units are machined, assembled, and finished to meet the job specifications.

3.5 The attachments are fitted to meet the job specifications.

3.6 Post-operational procedures are completed in accordance with workplace requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 2530, unit standard 25600, and unit standard 25601.
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<b>Planned review date</b>	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

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

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**Comments on this unit standard**

Please contact Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@WaihangAraRau.nz](mailto:qualifications@WaihangAraRau.nz) if you wish to suggest changes to the content of this unit standard.