

<b>Title</b>	<b>Construct perspective drawings for use in furniture making</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare to construct, and construct, perspective drawings for use in furniture making; and store drawings and equipment.
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<b>Classification</b>	Furniture > Furniture and Cabinet Making
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<b>Available grade</b>	Achieved
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### Guidance Information

#### 1 Assessment information

This unit standard may be assessed against on-job or off-job.

Job specifications and simple drawings must conform to current commercial industry practice.

All activities and performance criteria must be carried out in accordance with worksite policies and procedures.

#### 2 Range

Competence must be demonstrated in single-point and two-point perspective drawing for the following furniture items – bedside cabinet, table, dining chair, desk, bookcase. For the purpose of this unit standard, drawings may not be generated using an automated computer program.

#### 3 Drawings must be completed by hand or using a computer aided drawing system (CAD).

#### 4 Definitions

*Job specifications* refers to instructions relevant to the safe completion of the specific task, such as technical specifications, assembly instructions, drawings, parts lists, standards, codes of practice, test and commissioning procedures, and verbal instructions.

*Worksite policies and procedures* refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions. For the purposes of this unit standard worksite policies and procedures may also refer to the policies and procedures of an off-job training site.

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## Outcomes and performance criteria

### Outcome 1

Prepare to construct perspective drawings for use in furniture making.

#### Performance criteria

1.1 Job specifications are obtained from supervisor and interpreted.

Range may include but is not limited to – concept drawings, cutting list, sketch, dimensions, construction detail, drawing scale.

1.2 Equipment is selected and prepared.

Range may include but is not limited to – drawing board, T-square, pencils, erasers, set squares, scale rule, compass, dividers, plastic templates, drawing paper, paper-fastening medium, computer, CAD.

### Outcome 2

Construct perspective drawings for use in furniture making.

#### Performance criteria

2.1 Perspective drawings are set out in accordance with job specifications.

Range picture plane, ground line, station point, eyeline, vanishing points, plan, perspective view.

2.2 The features of the perspective drawing are drawn in accordance with job specifications.

Range features include – scale, dimensions, line quality, line width, line density, positioning of picture plane, positioning of vanishing points, positioning of ground line, positioning of eyeline, distortion.

2.3 The general principles of the perspective drawing are in accordance with job specifications.

Range principles include – terminology and abbreviations used in technical drawings, materials, sizes and layout of drawing sheets, types and thicknesses of lines, types and dimensions of letters, numerals and symbols, drawing scales, projecting.

### Outcome 3

Store drawings and equipment.

**Performance criteria**

- 3.1 Drawings are stored appropriately.
- 3.2 Equipment and unused materials are stored appropriately.
- 3.3 Equipment and work area are made clean, clear, and safe.

<b>Planned review date</b>	31 December 2024
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	20 August 1998	31 December 2011
Review	2	26 February 2002	31 December 2011
Review	3	19 June 2009	31 December 2011
Revision	4	17 September 2010	31 December 2018
Review	5	19 March 2015	N/A
Review	6	10 December 2020	N/A
Revision	7	25 November 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0173
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.