

Title	Construct isometric and oblique drawings for use in furniture making		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: prepare to construct, and construct, isometric and oblique drawings for use in furniture making; and store isometric and oblique drawings and equipment for use in furniture making.
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Classification	Furniture > Furniture and Cabinet Making
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Available grade	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

Drawings may be of items of furniture or furniture components and may include but are not limited to – bedside cabinets, tables, dining chairs, chair legs, table legs, desks, beds.

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.

Outcomes and performance criteria

Outcome 1

Prepare to construct isometric and oblique drawings for use in furniture making.

Performance criteria

1.1 Job specifications are obtained from supervisor and interpreted.

Range working drawing, written description.

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 isometric and oblique drawings for use in furniture making.

Range must include – a minimum of one isometric and one oblique drawing.

Performance criteria

2.1 Isometric and oblique drawings are set out in accordance with job specifications.

2.2 The views of the isometric and oblique drawings are drawn in accordance with job specifications.

2.3 The features of the isometric and oblique drawings are drawn in accordance to job specifications.

Range features include – scale, dimensions.

2.4 The quality principles of the isometric and oblique drawings are in accordance with job specifications.

Range quality principles include – title block, letter size, dimensioning, line quality.

Outcome 3

Store isometric and oblique drawings and equipment for use in furniture making.

Performance criteria

3.1 Drawings are stored appropriately.

- 3.2 Equipment is stored appropriately.
- 3.3 Equipment and work area are made clean, clear, and safe.

Planned review date	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

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.