

<b>Title</b>	<b>Research and present information on advanced hardware and lighting systems used in furniture making</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to research and present information on: advanced hardware used in furniture making and its application; and lighting systems, the regulations and the applications of types of lighting used in furniture making.
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<b>Classification</b>	Furniture > Furniture Operations
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard covers knowledge of advanced hinging systems, both mechanical and remote, cabinet organisers, wardrobe organisers, shop fittings and knowledge of lighting and its installation, both 12 volt and 240 volt.

Knowledge of decorative hardware, connecting fittings, hinges, locks and catches, drawer runners, sliding and folding door fittings, tables and furniture base fittings are covered in Unit 25572, *Demonstrate knowledge of hardware used in furniture making and its application*.

- 2 Regulations referred to in this unit standard include:  
Electricity (Safety) Regulations 2010 and their subsequent amendments.

- 3 Definition  
*Present information* refers to a visual presentation of a selection of advanced hardware and lighting systems, which could include – written text, photographs, drawings, sketches, videos.

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### Outcomes and performance criteria

#### Outcome 1

Research and present information on advanced hardware used in furniture making and its application.

#### Performance criteria

- 1.1 Information sources are used to identify categories of advanced hardware for use in furniture making.

Range information sources may include – current publications, catalogues, exhibition visits, internet sites; a reference list must be included; categories may include – lifting systems, gas struts, mechanical stays, cabinet organisers, wardrobe organisers, shop fittings; evidence is required of four categories.

1.2 Application of mechanical and remote lift systems used in furniture making is presented in a manner that defines the furniture product and illustrates the lift system purpose and operation.

Range evidence is required of one mechanical and one remote lift system.

1.3 Application of mechanical stays used in furniture making is presented in a manner that defines the furniture product and illustrates the mechanical stays purpose and operation.

Range evidence is required of one mechanical stay.

1.4 Application of types of organisers used in furniture making is presented in a manner that defines the furniture product and illustrates the type of organiser, its purpose and operation.

Range organisers may include but are not limited to – cabinetry organisers, wardrobe organisers, commercial shop fitting organisers; evidence is required of three.

## Outcome 2

Research and present information on lighting systems, the regulations and the applications of types of lighting used in furniture making.

### Performance criteria

2.1 Information sources are used to identify types of lighting systems and the regulations relevant to their fitting.

Range information sources may include – current publications, catalogues, exhibition visits, internet sites; a reference list must be included in the presentation; lighting systems include – 12 volt systems, 240 volt systems.

2.2 Application of types of lighting used in furniture making is presented in a manner that defines the furniture product and illustrates the lighting purpose and operation.

Range types of lighting include – LED (light-emitting diode), halogen, fluorescent, flexible strip.

<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	19 March 2015	N/A
Review	2	27 August 2020	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 Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.