

<b>Title</b>	<b>Operate a multi-headed shaping machine to produce wooden furniture components</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to prepare to operate, and operate a multi-head shaping machine, to shape wooden furniture components.
----------------	---

<b>Classification</b>	Furniture > Furniture Making
-----------------------	------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

### Guidance Information

- 1 This unit standard must be assessed against on-job.
- 2 Competence may be demonstrated on either a lineal shaper, double-headed shaper, or rotary table shaper.
- 3 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 4 Definitions  
*Manufacturer's instructions* are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.  
*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.

### Outcomes and performance criteria

#### Outcome 1

Prepare to operate a multi-headed shaping machine to shape wooden furniture components.

**Performance criteria**

- 1.1 Job specifications are obtained and explained in accordance with worksite policies and procedures.
- Range material, number of components, dimensions of components, shape/template.
- 1.2 Material is obtained according to job specifications.
- 1.3 Operation of machine is explained in accordance with manufacturer's instructions.
- Range cutter head rotation, feed speed, clamping.
- 1.4 Environmental and safety requirements are met in accordance with worksite policies and procedures.
- Range electrical power, lighting, ventilation, dust extraction.

**Outcome 2**

Operate a multi-headed shaping machine to shape wooden furniture components.

**Performance criteria**

- 2.1 Material is loaded into the jig according to job specifications.
- Range position, overhang all round, clamping.
- 2.2 Output of machine is monitored to ensure components meet job specifications.
- Range shape matches template, no torn grain.
- 2.3 The procedure to be followed when defects in components are identified is explained in accordance with worksite policies and procedures.
- 2.4 Components are produced to specification and within the time limits in accordance with job specifications.
- 2.5 Machine and work area are left clean, clear, and safe in accordance with worksite policies and procedures.

---

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	7 May 1997	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	19 June 2009	31 December 2023
Review	4	10 December 2020	31 December 2023

**Consent and Moderation Requirements (CMR) reference**

0173

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.