

<b>Title</b>	<b>Operate a multi-borer to bore furniture components</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate and apply knowledge of: preparing to operate; and operating, a multi-borer to bore furniture components.
----------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

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

---

## Guidance Information

- 1 Assessment information  
This unit standard must be assessed against on-job.  
Competency must be demonstrated on a machine that has a minimum of two vertical banks and one horizontal bank.  
This unit standard does not apply to hinge-boring machines with attachments.  
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 3 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.  
*SOIs* refer to safe operating instructions which are documented instructions attached to machines which detail requirements for safe operation of the particular machine.  
*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

Demonstrate and apply knowledge of preparing to operate a multi-borer to bore furniture components.

**Performance criteria**

- 1.1 Job specifications are obtained and interpreted.  
 Range material, number of components, dimensions of components, position of holes, diameter of holes, depth of holes, timeframe.
- 1.2 Material is obtained in accordance with job specifications.
- 1.3 The purpose and safe use of machine operating controls are explained in accordance with manufacturer’s instructions and SOIs.  
 Range horizontal head, vertical head, air supply, pressure clamp, end stops, centre stop.
- 1.4 Environmental and safety requirements are met.  
 Range electrical power, lighting, ventilation, dust extraction.

**Outcome 2**

Demonstrate and apply knowledge of operating a multi-borer to bore furniture components.

**Performance criteria**

- 2.1 Pre-start checks are performed in accordance with the manufacturer’s recommendations.
- 2.2 Material is loaded into the machine in accordance with the job specifications.
- 2.3 Machine is operated in accordance with SOIs.
- 2.4 Output of machine is monitored to ensure component meets job specifications. Any out of specification or defective materials are rejected and replaced.
- 2.5 The procedure for replacing defective components is explained.
- 2.6 Machine output is produced to specification and within time limits in accordance with job specifications.
- 2.7 Machine and work area are left clean, clear, and safe.

---

<b>Planned review date</b>	31 December 2024
----------------------------	------------------

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

Process	Version	Date	Last Date for Assessment
Registration	1	9 August 1994	31 December 2023
Review	2	7 May 1997	31 December 2023
Review	3	26 February 2002	31 December 2023
Review	4	19 June 2009	N/A
Review	5	10 December 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0173
------------------------------------------------------------	------

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.