

Title	Set a four sider to produce moulded profile wooden furniture components		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to set; and set, a four sider, to produce moulded profile wooden furniture components.
----------------	--

Classification	Furniture > Furniture and Cabinet Making
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Assessment information
This unit standard must be assessed against on-job.
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 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 set a four sider to produce moulded profile wooden furniture components.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range material, component dimensions and profile, number of components, timeframe.
- 1.2 Method for setting the machine is explained in accordance with manufacturer's instructions.
- Range bottom cutter head, side cutter heads, top cutter head, feed rollers.
- 1.3 Method for adjusting the machine is explained in accordance with manufacturer's instructions.
- Range width, thickness, feed speed.
- 1.4 Tooling and material are selected in accordance with job specifications.
- 1.5 Environmental and safety requirements are met.
- Range electrical power, lighting, ventilation, dust extraction.

Outcome 2

Set a four sider to produce moulded profile wooden furniture components.

Performance criteria

- 2.1 Machine is isolated from the power sources during set-up.
- 2.2 Top cutter head knives are changed in accordance with manufacturer's instructions and job specifications.
- Range correct profile, correct projection.
- 2.3 Bottom cutter head knives are changed and set in accordance with job specifications.
- Range correct profile, correct projection.
- 2.4 Both side cutter heads are changed and set in accordance with job specifications.
- Range correct profile, correct projection.
- 2.5 Cutter heads are secured on spindles of the machine in accordance with manufacturer's instructions.

- 2.6 Machine is set in accordance with job specifications, manufacturer's instructions, and SOIs.
- Range feed rollers, feed speed, pressure pads, width, thickness, fences, safety guards.
- 2.7 Test piece is run and checked against job specifications. Any required adjustments to machine settings are made in accordance with job specifications.
- Range width of test piece, thickness of test piece, profile of test piece.
- 2.8 Job specifications are explained to the operator.
- 2.9 Work area is made clean, clear, and safe.

Replacement information	This unit standard and unit standard 18898 replaced unit standard 2233.
--------------------------------	---

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 February 2002	31 December 2018
Review	2	19 June 2009	31 December 2018
Review	3	19 March 2015	N/A
Review	4	10 December 2020	N/A

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