

Title	Make profile cutter templates		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: draw profiles; and make profile cutter templates.
----------------	--

Classification	Solid Wood Manufacturing > Timber Machining
-----------------------	---

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

Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider wood manufacturing industry as examples of best practice.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the wood manufacturing sector.
- 3 Assessment information
 - a All activities and evidence must meet workplace procedures and accepted industry practice.
 - b This unit standard does not cover the making of cutters or the development of templates.

Outcomes and performance criteria

Outcome 1

Draw profiles.

Performance criteria

- 1.1 Profiles are drawn to true shape and actual size.

1.2 The number of templates required to develop the profile is identified.

Outcome 2

Make profile cutter templates.

Performance criteria

2.1 Hazards associated with making profile cutter templates are identified and actions to be taken to manage the hazards are described.

Range evidence of four is required.

2.2 Safe work practices associated with making profile cutter templates are identified and applied.

Range practices may include but is not limited to – isolation procedures, lock-outs, emergency stops, machine guarding, wearing of appropriate safety equipment.

2.3 Selection of template material is explained in terms of different applications and factors to consider when selecting.

Range evidence of three factors is required.

2.4 Template is squared to a minimum of 10 mm run at each end.

2.5 Fence-line is scribed in where applicable.

2.6 Customer profile is identified and explained.

2.7 Profile is transferred to template.

2.8 The template is 'roughed-out' to within one millimetre of profile.

2.9 The effects on the template of burning and distortion are explained.

2.10 Profile edge is filed and burnished to profile shape.

2.11 Template is hardened where applicable.

2.12 The finishing process for template making is described.

2.13 Template is cleaned, marked, and stored.

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	27 January 1994	31 December 2012
Review	2	24 October 1996	31 December 2012
Review	3	10 February 1999	31 December 2012
Review	4	18 December 2006	31 December 2012
Review	5	15 April 2011	31 December 2015
Review	6	20 March 2014	N/A
Review	7	25 June 2020	N/A

Consent and Moderation Requirements (CMR) reference

0013

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.