

Title	Set up and operate specialist machines used to produce high-pressure laminate benchtops		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – describe the set up and operation of fixed joinery machines for laminated fabrication; and – set up and operate specialist machines used to produce high-pressure laminate benchtops.
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Classification	Joinery > Joinery Operational Skills
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Available grade	Achieved
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Guidance Information

- 1 Legislation and guidelines relevant to this unit standard include:
 - Health and Safety at Work Act 2015; available from www.legislation.govt.nz;
 - *Safe Use of Machinery: Best Practice Guidelines*; available from www.worksafe.govt.nz, and any subsequent amendments and replacements.

- 2 Assessment
Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

This unit standard must be assessed under the supervision of a commercially competent practitioner in workplace conditions that reflect:

- commercial standards, current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

- 3 Definitions
Workplace requirements refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.
Templates refer to manual or digital.

4 Range

Three specialist machines – laminate forming machine, heated press, glue spreader, ABS edging, edge bander.

Outcomes and performance criteria**Outcome 1**

Describe the set up and operation of fixed joinery machines for laminated fabrication.

Performance criteria

- 1.1 The process for setting up a fixed joinery machine is described in accordance with manufacturer's specifications and workplace requirements.
- 1.2 The process for making jigs and templates is described in accordance with job specifications and workplace requirements.
- 1.3 Types of fixed joinery machinery used in laminated fabrication are described in terms of their purpose.
- 1.4 The process for machining material for laminated fabrication is described in accordance with given job specifications and workplace requirements.

Outcome 2

Set up and operate specialist machines used to produce high-pressure laminate benchtops.

Performance criteria

- 2.1 Relevant personal protection equipment is selected, and manual handling techniques are used for the set up and operation of the specialist machine to produce the high-pressure laminate benchtop.
- 2.2 Machines are set up in accordance with the job specifications and workplace requirements.
- 2.3 Required jigs and templates are used to guide the machine operation in accordance with the job specifications.
- 2.4 Required material is machined to meet job specifications.
- 2.5 Machine operation is monitored to ensure continuity of process in accordance with workplace requirements.
- 2.6 Post-operational procedures are completed in accordance with workplace requirements.

Replacement information	This unit standard replaced unit standard 10173 and unit standard 25606.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2014	31 December 2025
Review	2	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference	0073
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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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangaAraRau.nz if you wish to suggest changes to the content of this unit standard.