

Title	Clip and stack laminated veneer lumber and plywood veneers		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the fundamentals of veneer clippers; operate and maintain veneer clippers for laminated veneer lumber (LVL) and plywood veneers; and stack LVL and plywood veneers, and complete records.
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Classification	Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing
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Available grade	Achieved
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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.
Preventative maintenance refers to the care and servicing of equipment and machinery. This may include periodic checks and inspections, testing, measurements, adjustments, or parts replacement as required in accordance with worksite policies and procedures for the purpose of preventing faults or failures and to maintain production requirements.
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
All activities and evidence must be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the fundamentals of veneer clippers.

Performance criteria

- 1.1 The purpose of veneer clippers in the veneer formation process is described.
- 1.2 The operating parameters and capability of veneer clippers are explained.
- Range may include but are not limited to – feed speeds, cutting speed, minimum dimensions of output material.
- 1.3 Operating components and process controls of veneer clippers are identified, and their purposes are explained.
- Range may include but are not limited to – framework, clipper knife and mechanism, control system.
- 1.4 Hazards associated with veneer clippers are identified and the role of protective equipment and safety features is explained.
- Range hazards may include but are not limited to – manual handling, noise; safety features may include but are not limited to – hold cards, lockouts, stop buttons, guards, personal protective equipment.
- 1.5 The consequences of non-conformance with workplace procedures when clipping and stacking laminated veneer lumber and plywood veneers in terms of production, safety, and quality are described.

Outcome 2

Operate and maintain veneer clippers for LVL and plywood veneers.

Performance criteria

- 2.1 The veneer clipper is set up, started, operated, and shut down.
- 2.2 Defects are clipped out to maximise grade recovery.
- 2.3 Production rate is maintained.
- 2.4 Operating faults are recognised, and corrective action is taken.
- Range inadequate cutting, incorrect veneer size.

- 2.5 Equipment faults and malfunctions are identified, and corrective action is taken.
- Range equipment faults and malfunctions may include but are not limited to – electrical, mechanical, hydraulic, pneumatic, instrumentation.
- 2.6 Preventative maintenance and cleaning requirements of the veneer clipper are applied.

Outcome 3

Stack LVL and plywood veneers, and complete records.

Performance criteria

- 3.1 Veneers are stacked.
- 3.2 Production, maintenance, and quality records are completed.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 January 1995	31 December 2012
Review	2	24 November 1995	31 December 2012
Revision	3	12 February 1998	31 December 2012
Review	4	25 March 1999	31 December 2012
Review	5	29 March 2005	31 December 2012
Rollover and Revision	6	23 February 2007	31 December 2013
Review	7	19 April 2012	N/A
Review	8	22 October 2020	N/A
Revision	9	27 May 2021	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.