

Title	Assess panel defects, and grade and sort laminated veneer lumber and plywood panels		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the fundamentals of laminated veneer lumber (LVL) and plywood panel grading; assess panel defects and grade LVL and plywood panels; and sort LVL and plywood panels.
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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.
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 and standards, 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.
- 4 Recommended unit standard for entry: Unit 700, *Grade wood panels visually*.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the fundamentals of LVL and plywood panel grading.

Performance criteria

- 1.1 Reasons for grading are explained.
- Range may include but are not limited to – end use, uniformity, company, national and international standards.
- 1.2 Effect of grading on product end use is explained.
- 1.3 Hazards associated with LVL and plywood grading are identified, and the role of protective equipment and safety features used to manage these are explained.
- Range hazards may include but are not limited to – moving product, lifting, splinters;
safety features may include but are not limited to – safety isolation procedures, lockouts, emergency stops, guards, personal protective equipment including gloves.
- 1.4 The consequences of non-conformance with workplace procedures when grading laminated veneer lumber and plywood panels in terms of production, safety, and quality are described.

Outcome 2

Assess panel defects and grade LVL and plywood panels.

Performance criteria

- 2.1 Defects are identified.
- Range defects may include but are not limited to – visual defects, dimension defects, process defects.
- 2.2 Process defects are reported to the processing point.
- 2.3 Panels are graded.
- 2.4 Grading marks are applied.

Outcome 3

Sort LVL and plywood panels.

Performance criteria

- 3.1 Panels are sorted by product standard.

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

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.