

Title	Demonstrate knowledge of the wood product manufacturing industry		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of: wood product manufacturing operations; markets for manufactured wood products; and wood product manufacturing key performance indicators.
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Classification	Solid Wood Manufacturing > Wood Product Manufacturing Skills
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Available grade	Achieved
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Guidance Information

1 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.

Wood product manufacturing relates to wood panel and solid wood processing operations producing semi-finished and finished product from commodity raw materials.

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.

2 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 wood product manufacturing operations.

Performance criteria

1.1 Processing activities found in a wood product manufacturing plant are described.

Range may include but is not limited to – re-sawing, chipping, defecting, finger jointing, laminating, machining, moulding, assembly of components, edge banding, packaging, kiln drying, treatment, painting, grading;
evidence of a minimum of eight are required.

1.2 Equipment found in a wood product manufacturing plant is described.

Range may include but is not limited to – optimisers, laminating equipment, defecting saws, re-saws, planers, moulders, finger jointing equipment;
evidence of a minimum of eight are required.

1.3 Products found in a wood product manufacturing plant are described.

Range may include but is not limited to – finger joint blanks, laminates, mouldings, shook, beams, studs, joinery and furniture components, posts, pallets, boxes;
evidence of a minimum of eight are required.

Outcome 2

Demonstrate knowledge of markets for manufactured wood products.

Performance criteria

2.1 Products are selected, described, and linked to local or export markets.

Range evidence of six products is required.

2.2 Product specifications and standards are described and linked to local or export market requirements.

Range evidence of four products is required.

Outcome 3

Demonstrate knowledge of wood product manufacturing key performance indicators.

Performance criteria

3.1 Key performance indicators are defined.

Range may include but are not limited to – target production, actual production, grade recovery, volume recovery, up-time, down-time, production rate, yield, feed speed, machine speed, down fall, quality, health and safety, profit; evidence of a minimum of five are required.

3.2 Factors that affect key performance indicators are identified.

Range includes – actual production, grade recovery, down-time, production rate, machine speed, down fall, operator skill level.

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 November 2000	31 December 2012
Review	2	18 December 2006	31 December 2012
Rollover and Revision	3	15 April 2011	N/A
Review	4	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.