

Title	Coordinate infeed of bolts for laminated veneer lumber and plywood manufacture		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: coordinate the flow of bolts to the peeler and describe the consequences of non-conformance with workplace procedures; demonstrate knowledge of the fundamentals of the operation of log handling equipment; and operate and maintain log handling equipment for laminated veneer lumber (LVL) and plywood manufacture.
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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 Range
Log handling equipment may include – log grapple loader, log loader with beak, excavator with grab, ultralogger with grab, gantry crane;
evidence is required for one.

4 Assessment information

All activities and evidence must be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Coordinate the flow of bolts to the peeler and describe the consequences of non-conformance with workplace procedures.

Performance criteria

- 1.1 The flow of bolts from storage and cut-off saw is coordinated to maintain production flow and allow for rotation of stored stock.
- 1.2 The consequences of non-conformance with workplace procedures when coordinating the flow of bolts to the peeler in terms of production, safety, and quality are described.

Outcome 2

Demonstrate knowledge of the fundamentals of the operation of log handling equipment.

Performance criteria

- 2.1 The purpose of log handling equipment in the peeling process is described.
- 2.2 The operating parameters and capability of log handling equipment are explained.

Range may include but is not limited to – maximum weight, maximum reach, maximum log specification.
- 2.3 Operating components and process controls of log handling equipment are identified, and their purpose is explained.
- 2.4 Hazards associated with log handling equipment are identified, and the role of protective equipment and safety features is explained.

Range hazards may include but are not limited to – pedestrians, moving equipment, trucks, forklifts;
safety features may include but are not limited to – personal protective equipment, hold cards, lockouts, stop buttons, guards.

Outcome 3

Operate and maintain log handling equipment for LVL and plywood manufacture.

Performance criteria

3.1 Safe work practices associated with operating log handling equipment are identified and applied.

Range practices may include but are not limited to – isolation procedures, lockouts, emergency stops, machine guarding, wearing of appropriate safety equipment.

3.2 Log handling equipment is set up, started, operated, and shut down.

3.3 Operating faults are identified, and corrective action is taken.

3.4 Control information is entered into fitted control devices.

3.5 Preventative maintenance requirements for log handling equipment are carried out.

3.6 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

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.