

Title	Demonstrate knowledge of timber yard operations		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to: identify beginning and end points of movements and product being moved in a timber yard; explain timber yard storage requirements; identify and describe timber yard hazards and requirements for safe fork-lift operation; and demonstrate knowledge of timber yard documentation requirements.
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Classification	Wood Manufacturing - Generic Skills > Wood Manufacturing Foundation Skills
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references
 Health and Safety at Work Act 2015.
 Resource Management Act 1991.
 WorkSafe Approved Code of Practice for Safety and Health in Forest Operations, available at <https://worksafe.govt.nz/topic-and-industry/forestry/safety-and-health-in-forest-operations/>.
 WorkSafe. *Approved Code of Practice for Training Operators and Instructors of Powered Industrial Lift Trucks (Forklifts)*, available at <https://worksafe.govt.nz/topic-and-industry/machinery/forklifts/forklift-training/>.
- 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, 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
 - a For candidates employed in a sawmill, knowledge must be demonstrated in relation to the sawmill at which they are employed. For other candidates, knowledge must be demonstrated in relation to a typical New Zealand sawmill.

- b All activities and evidence must meet workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Identify beginning and end points of movements and product being moved in a timber yard.

Performance criteria

- 1.1 In-process and finished products movements are described.
- 1.2 The importance of correct packet builds is explained.
- Range safety, efficiency, downstream processes.
- 1.3 Influences of product movement and site operations on yard layout are explained.

Outcome 2

Explain timber yard storage requirements.

Performance criteria

- 2.1 Timber yard storage is explained in accordance with the Approved Code of Practice for Safety and Health in Forest Operations.
- Range distance from boundary, height, packet base, fire hydrants.
- 2.2 Packet details are identified.
- Range identification – label, tag, paint, documentation;
details – size, species, volume, product.
- 2.3 Impacts of poor handling and stacking are explained in terms of product quality and in particular, finished product.
- 2.4 Impacts of poor storage and stock rotation are explained.
- Range presentation, customer acceptability for further processing.
- 2.5 Influences of packet stacking on stability, safety, and ease of handling are explained.
- 2.6 Housekeeping activities for a timber yard storage are identified.
- 2.7 Storage requirements for dried timber are explained.

Outcome 3

Identify and describe timber yard hazards and requirements for safe fork-lift operation.

Performance criteria

- 3.1 Hazards relating to machinery movement and packets are identified and actions to be taken to manage the hazard are described.
- 3.2 Requirements for safe forklift operation are described.
- Range licence, training, speed, maximum load height, passengers, pedestrians, machine maintenance.
- 3.3 Hazards relating to the condition of the yard are identified and actions to be taken to manage the hazard are described.
- 3.4 Hazards associated with chemical drip off timber are identified and actions to be taken to manage the hazard are described.

Outcome 4

Demonstrate knowledge of timber yard documentation requirements.

Performance criteria

- 4.1 Reasons for identification tags on packets are explained.
- 4.2 Procedure for dealing with unlabelled stock is explained.
- 4.3 Documentation to be completed in the timber yard is identified.
- 4.4 Documentation required to track and identify stock in the yard is identified.

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	24 October 1996	31 December 2020
Review	2	10 February 1999	31 December 2020
Revision	3	12 December 2000	31 December 2020
Review	4	18 December 2006	N/A
Review	5	28 May 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.