

Title	Control log yard operations		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: describe log yard control systems; organise log yard operations; manage log stocks; and control and monitor production activities.
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Classification	Wood Handling and Distribution > Wood Preparation
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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.
Best Practice Guideline for the Safe Use of Timber Preservatives and Anti-sapstain Chemicals (Wellington: 2005), available through the New Zealand Timber Preservation Council, Wellington or online at <http://www.nztpc.co.nz>.
 NZS 3640:2003 *Chemical preservation of round and sawn timber*.

- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider wood handling and distribution industry as examples of best practice.
Corrective action refers to actions such as communication to management, communication to on-site technical person, communication to off-site technical support person, cleaning, communication with maintenance staff, recalibration, or changes made to the operating system in accordance with workplace procedures.
Optimise refers to improving productivity and product quality.
Peeling refers to removal of bark and cambium layer generally by machines fitted with cutter heads which follow the natural contours and irregularities of the log.
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, codes of practice, 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 handling and distribution sector.

- 3 Assessment information
 All activities and evidence must meet workplace procedures and accepted industry practice.

4 Recommended unit standard for entry: Unit 166, *Confirm log grades and scale logs*.

Outcomes and performance criteria

Outcome 1

Describe log yard control systems.

Performance criteria

- 1.1 The role and responsibilities of the log yard controller are described.
- Range evidence of two responsibilities is required.
- 1.2 Production schedule requirements are described.
- Range may include but is not limited to – information content, notification of parties, forward advice (timeliness), communication system, customer specifications.
- 1.3 Log controls between areas are described.

Outcome 2

Organise log yard operations.

Performance criteria

- 2.1 Operation of plant involved in unloading transporters, feeding logs into the sawmill, and the stacking, and storage of logs, is coordinated to optimise millflow.
- Range may include but is not limited to – unloading transporter sucks, feeding logs into the debarker and sawmill, and the stacking, and storage of logs.
- 2.2 Logs are sorted and segregated according to company production plan.
- 2.3 Any mechanical faults in log yard equipment are identified, and corrective action is taken.
- 2.4 Data is recorded.
- Range data may include but not limited to – weighbridge and production data, scanning data.
- 2.5 Residues and wastes are managed.

Outcome 3

Manage log stocks.

Performance criteria

- 3.1 Log stocks are managed to avoid degradation.
- Range may include but is not limited to – plant and processing defects, stock rotation, stones, barked, debarked, antisapstain treated.
- 3.2 Logs are stacked safely.
- 3.3 Out-of-specification logs are identified and managed.
- 3.4 Log grades are confirmed against quality requirements.

Outcome 4

Control and monitor production activities.

Performance criteria

- 4.1 Communication and information flows are maintained.
- 4.2 Staff and plant performance is monitored for productivity and output quality.
- 4.3 Stock inventory levels are maintained.
- 4.4 Maintenance is scheduled around production requirements.

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	2 July 1993	31 December 2012
Review	2	24 October 1996	31 December 2012
Review	3	10 February 1999	31 December 2012
Review	4	18 December 2006	31 December 2012
Review	5	15 April 2011	N/A
Review	6	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.