

Title	Operate a log reception deck		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the principles of log reception deck operation; operate a log reception deck; and monitor and control the performance of a log reception deck.
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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
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 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.
Log reception deck includes log deck cranes.
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 handling and distribution sector.
- 3 Assessment information
All activities and evidence must meet workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the principles of log reception deck operation.

Performance criteria

- 1.1 The purpose and operation of the log conveying system is explained.
- 1.2 Operating components of the log deck crane are identified, and their purpose is explained.
- Range components may include – grapple, boom, tilt, slew in and out.
- 1.3 Safety features of the log deck crane are identified, and their role is explained.
- Range safety bars, hydraulic oil isolating valves, limit switches.
- 1.4 Hazards associated with operating the log reception deck are identified, and actions to be taken to manage the hazard are described.
- Range hazards may include but are not limited to – moving equipment, falling logs, automatic starting equipment, dust, noise.
- 1.5 Log selection criteria to be used when operating the log reception deck are explained.
- 1.6 Roles and responsibilities of the log reception deck operator are described.

Outcome 2

Operate a log reception deck.

Performance criteria

- 2.1 Safe work practices associated with operating the log reception deck are identified and applied.
- Range practices may include but are not limited to – isolation procedures, lock outs, emergency stops, machine guarding, wearing appropriate safety equipment.
- 2.2 Log reception deck is set up, started, operated, and shut down.
- 2.3 Production rate is regulated to match downstream process requirements.
- 2.4 Preventative maintenance and cleaning schedule for the log reception deck is carried out.

Outcome 3

Monitor and control the performance of a log reception deck.

Performance criteria

- 3.1 Output logs are checked for quality and efficient production requirements.
- 3.2 Operating and equipment faults and malfunctions are identified, and corrective action is taken.
- Range operating faults and malfunctions may include – mechanical, electrical, hydraulic.
- 3.3 Production, maintenance, and quality records are explained and 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	22 February 1995	31 December 2020
Revision	2	27 January 1997	31 December 2020
Review	3	25 February 1999	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.