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| Title | Operate log loaders and handle logs for further processing | | |
| Level | 3 | Credits | 10 |

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| Purpose | People credited with this unit standard are able to: demonstrate knowledge of the operation of log loaders; complete pre-operational checks on log loaders; unload logs from vehicles; and stack and destack logs. |
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| Classification | Wood Handling and Distribution > Wood Preparation |
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| Available grade | Achieved |
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| Prerequisites | Candidates must hold driver licence(s) and licence endorsement(s) appropriate to the mobile machinery driven. |
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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.
Further processing can include pulp making, solid wood manufacturing, and wood panels manufacturing.
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 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 operation of log loaders.

Performance criteria

- 1.1 Safety requirements for operating log loaders are identified.
- 1.2 Operating parameters and capability of log loaders are identified in accordance with their operation within log yards.
- Range may include but is not limited to – loaded and unloaded stability, loaded capacity, terrain, drains, washouts (slips).
- 1.3 Hazards associated with the operation of log loaders are identified and actions to be taken to manage the hazard are described.
- Range hazards may include but are not limited to – pedestrians, other vehicles, dust.
- 1.4 Responsibilities of the log loader operator are described.

Outcome 2

Complete pre-operational checks on log loaders.

Performance criteria

- 2.1 Log loaders are checked, and any defects are recorded and reported.
- Range may include but is not limited to operating controls, gauges, lights, horn, load backrest, hydraulic hoses and cylinders, carriage, forks, wheel nuts, tyres, load plate, replenishment points, fuels, oils.
- 2.2 Safety requirements while completing pre-operational checks are complied with.

Outcome 3

Unload logs from vehicles.

Range trucks and/or rail wagons.

Performance criteria

- 3.1 Logs are unloaded from vehicles.
- 3.2 Unloading is carried out without damage to logs, log loaders, vehicles, and without injury to people.
- 3.3 Unloading is carried out so that logs are not spilled.

3.4 Log loads are unloaded at a rate that ensures safe operation.

Outcome 4

Stack and destack logs.

Performance criteria

4.1 Stacks are sited and formed to meet space utilisation requirements.

4.2 Logs are stacked.

Range for stack height and length, stability, phytosanitary requirements, allow subsequent destacking to be carried out.

4.3 Stacks are formed at a rate that matches downstream production requirements.

4.4 Logs are destacked in a manner that leaves the rest of the stack in a safe and accessible condition.

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| 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 | 23 January 1998 | 31 December 2020 |
| Revision | 2 | 21 December 1998 | 31 December 2020 |
| Revision | 3 | 20 August 2002 | 31 December 2020 |
| Review | 4 | 18 December 2006 | N/A |
| Review | 5 | 28 May 2020 | N/A |

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| 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.