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| Title | Demonstrate knowledge of log distribution in New Zealand for commercial forestry operations | | |
| Level | 3 | Credits | 5 |

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| Purpose | People credited with this unit standard are able to describe: log distribution systems in New Zealand; the log transport options available in New Zealand and how they are affected by legislation; and road transport configurations used for log distribution in New Zealand. |
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| Classification | Forestry > Forest Operations Advanced |
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| Available grade | Achieved |
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Guidance Information

- 1 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.
Commercial forestry operations refer to forestry operations such as planting, silviculture, harvesting, log making and distribution, carried out for commercial gain.
- 2 Legislation relevant to this unit standard includes the Land Transport Act 1998, and any subsequent amendments.
- 3 *LTSC Industry Standards* refer to the *Log Transport Safety Council (LTSC) Industry Standards*, May 2007, available at <http://logtruck.co.nz/industry-standards/>.

Outcomes and performance criteria

Outcome 1

Describe log distribution systems in New Zealand.

Performance criteria

- 1.1 The components of a log supply system are described in accordance with accepted industry practice.

 Range wood flow planning, production capacity, product type, market demands, networks.

1.2 Logistical considerations of log distribution are described in accordance with accepted industry practice.

Range loading capability, load characteristics, roading limitations, transport cycle times, downtime, weather constraints, stock rotation, log sorts.

1.3 The process of measuring, tallying, and tracking logs through the distribution chain is described in accordance with accepted industry practice.

Range distribution yards, dispatching, weighing, tallying, communication systems, identification systems, load docket.

Outcome 2

Describe the log transport options available in New Zealand and how they are affected by legislation.

Performance criteria

2.1 Log transport options are compared by describing the capability, efficiency, advantages, and disadvantages of each option.

Range road, rail, water.

2.2 The effects of legislation and standards on log transport options are described.

Range Land Transport Act 1998, LTSC Industry Standards.

Outcome 3

Describe road transport configurations used for log distribution in New Zealand.

Performance criteria

3.1 The specifications for road transport configurations are described in accordance with accepted industry practice and LTSC Industry Standards.

Range load weight, load length, load height, roading requirements.

3.2 Configurations are described in terms of their capability and advantages and disadvantages in accordance with accepted industry practice and LTSC Industry Standards.

Range multi bolster unit, shorts truck and trailer, longs truck and trailer, tractor unit and semi trailer, self-loading rigs, off highway rigs, full stem rigs.

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| Planned review date | 31 December 2028 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 28 January 1995 | 31 December 2014 |
| Review | 2 | 27 May 1998 | 31 December 2014 |
| Review | 3 | 27 May 2002 | 31 December 2014 |
| Review | 4 | 22 May 2009 | 31 December 2014 |
| Revision | 5 | 16 July 2010 | 31 December 2014 |
| Review | 6 | 18 April 2013 | 31 December 2017 |
| Review | 7 | 10 December 2015 | N/A |
| Review | 8 | 25 June 2020 | N/A |
| Rollover | 9 | 26 April 2024 | N/A |

Consent and Moderation Requirements (CMR) reference

0173

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.