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| Title | Explain and interpret job prescriptions for forestry operations | | |
| Level | 3 | Credits | 5 |

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| Purpose | <p>This unit standard is intended for people employed or seeking employment in a forestry operation.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of forestry operations and forest management objectives; explain job prescriptions for forestry operations; and interpret a job prescription for a forestry operation.</p> |
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| Classification | Forestry > Forest Operations |
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| Available grade | Achieved |
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Guidance Information

- 1 Assessment information
This unit standard must be assessed on-job.
All activities and evidence must meet worksite procedures and accepted industry practice.
- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.
Forestry operations include forest establishment, silviculture, harvesting, forest inventory, and forest and crew management.
Job prescription refers to any written instructions for the operation and may include maps, cut plans.
Worksite procedures refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.
- 3 Legislation relevant to this unit standard includes the: Health and Safety at Work (HSW) Act 2015, Resource Management Act 1991; the Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018; and the Heritage New Zealand Pouhere Taonga Act 2014, and any subsequent amendments.
- 4 References
New Zealand Forest Owners Association, *Forest Practice Guides* (2019), and any subsequent amendments, available from <http://www.nzfoa.org.nz>.

Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations,
December 2012, available from <http://www.worksafe.govt.nz>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of forestry operations and forest management objectives.

Performance criteria

- 1.1 Operations in the forestry cycle are described.
- Range land preparation, planting, releasing, pruning, thinning, tree felling, extraction, log making, loading, quality control.
- 1.2 Forest management objectives are explained.
- Range cost, production, health and safety, environmental protection, forest value.

Outcome 2

Explain job prescriptions for forestry operations.

Performance criteria

- 2.1 Job prescription requirements for forestry operations are explained in relation to forest management objectives.
- Range work methods, work quality, safe working environments, areas of cultural or environmental significance.
- 2.2 Job prescription content relating to a selected crew role is explained.
- 2.3 Measurement and sampling systems to measure work done against job prescriptions are explained.
- 2.4 Consequences of contractors not meeting job prescription requirements are explained.
- Range possible loss of contract, rework, additional costs, reduced crop value, increased hazards to personal safety, increased environmental risk.

Outcome 3

Interpret a job prescription for a forestry operation.

Performance criteria

- 3.1 A selected job prescription is interpreted and requirements specific to the operation are described.
- 3.2 Work method to achieve the prescribed work outcomes is explained in accordance with the job prescription.
- 3.3 The location of the operation is described in accordance with the job prescription and map.

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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 | 28 January 1995 | 31 December 2013 |
| Review | 2 | 8 November 1996 | 31 December 2013 |
| Revision | 3 | 19 June 1998 | 31 December 2013 |
| Review | 4 | 5 December 2000 | 31 December 2013 |
| Review | 5 | 22 May 2008 | 31 December 2016 |
| Review | 6 | 19 March 2015 | 31 December 2017 |
| Review | 7 | 10 December 2015 | N/A |
| Review | 8 | 25 June 2020 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0173 |
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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.