

Title	Plan forestry operations to meet environmental requirements		
Level	5	Credits	12

Purpose	People credited with this unit standard are able to: demonstrate knowledge of environmental requirements for forestry operations; plan for environmental requirements in relation to a selected forestry operation; and plan the monitoring of environmental effects of forestry operations.
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Classification	Forestry > Forest Operations Management
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes the Resource Management Act (RMA) 1991, Conservation Act 1987, Heritage New Zealand Pouhere Taonga Act 2014 and any subsequent amendments.
- 2 Reference
New Zealand Forest Owners Association. *New Zealand Forest Owners Association Environmental Code of Practice for Plantation Forestry* (referred to as Environmental Code of Practice in this standard), available at <http://www.nzfoa.org.nz>.
- 3 Definitions
Forestry operations refer to all activities forming a part of the work carried out in a commercial forest including forest establishment, silviculture, harvesting, forest inventory, and forest and crew management.
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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of environmental requirements for forestry operations.

Performance criteria

- 1.1 The objectives of section 5 of the RMA are explained in terms of sustainable management of natural and physical resources, and avoiding, remedying and mitigating adverse environmental effects.
- 1.2 Regional and district council requirements that impact on forest management are described.
- Range regional and district plans, resource consents.
- 1.3 The procedure for a resource consent application is described in accordance with the RMA.
- Range assessments of effects, mitigation methods, consultation with affected parties, hearing proceedings.
- 1.4 The statutory organisations that administer the environmental legislation are identified.
- Range environmental legislation includes – RMA, Conservation Act, Heritage New Zealand Pouhere Taonga Act.
- 1.5 Individual, company principal, and owner/operator responsibilities under environmental legislation are explained in accordance with accepted industry practice.
- 1.6 The procedure for modifying an operational plan or job prescription in terms of environmental requirements is explained in accordance with worksite procedures.

Outcome 2

Plan for environmental requirements in relation to a selected forestry operation.

Performance criteria

- 2.1 Environmental risks and hazards are identified and assessed for a selected forestry operation in accordance with the Environmental Code of Practice.
- Range sensitive areas, location of operations, operational plan or job prescription, site inspection.
- 2.2 Controls imposed by the RMA are described in terms of activities requiring resource consents and conditions of permitted activities.
- Range district and regional plans relevant to a selected forestry operation.

2.3 The operational plan or job prescription for a selected forestry operation is developed in accordance with the Environmental Code of Practice.

Range local authority requirements, operational boundaries, historic sites, environmentally sensitive areas, riparian protection, organisational requirements, environmental hazards.

2.4 Environmental requirements are communicated to other workers involved with the operation in accordance with worksite procedures.

Outcome 3

Plan the monitoring of environmental effects of forestry operations.

Performance criteria

3.1 Monitoring procedures covering the operation are developed and included in the operational plan in accordance with the Environmental Code of Practice.

3.2 Responsibility for implementing monitoring procedures is defined and documented in the operational plan in accordance with the Environmental Code of Practice.

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	8 November 1996	31 December 2017
Revision	2	19 June 1998	31 December 2017
Review	3	5 December 2000	31 December 2017
Review	4	19 March 2010	31 December 2017
Review	5	10 December 2015	N/A
Rollover and Revision	6	28 May 2020	N/A
Rollover	7	26 April 2024	N/A

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 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.