

National Diploma in Forestry (Operations Management)

Level 5

Credits 208

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2018.

Transition Arrangements

This qualification has been reviewed and replaced by the New Zealand Diploma in Forest Management (Level 6) [Ref: 2329].

Version 2 was republished to provide an exemption from standard 6410.

Version 2 of this qualification has been republished to extend the last date of enrolment into programmes leading to this qualification from 31 December 2015 to 31 December 2016 and the last date for assessment extended from 31 December 2017 to 31 December 2018.

People currently working towards this national qualification should complete its requirements by 31 December 2018.

New enrolments into programmes leading to this qualification will not be accepted after 31 December 2016.

For detailed information see [Review Summaries](#) on the NZQA website.

This qualification contains a unit standard for which alternative unit standards have now been identified. For the purposes of this qualification, people who have gained credit for the alternative unit standards are exempt from the requirement to gain credit for the specified unit standard.

Credit for	Exempt from
4293, 4296	6410

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	January 2010	December 2018
Review	2	January 2015	December 2018
Republication	2	June 2015	December 2018
Republication	2	September 2015	December 2018

Standard Setting Body

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Reviewed

National Diploma in Forestry (Operations Management)

Level 5

Credits 208

Purpose

This national diploma is awarded to people who have demonstrated competence in forest operations management. The qualification recognises the skills and knowledge required to manage operations in a commercial plantation forest on a sustainable basis and to meet the objectives of the forest owner. Holders of this national diploma will be able to manage a range of forest operations associated with the establishment, tending and harvesting of production forests.

The national diploma recognises a blend of skills from operational planning and management, technical forestry, applied science, business management, leadership, process improvement and operational costing.

This qualification can follow on from the National Certificate in Forest Operations Advanced (Level 4) [Ref: 1412] with strands in Establishment and Silvicultural Operations Management, Production Tree Felling, Hauler Set-Up, Machine Operations - Hauler, Head Breaker Out - Cable Harvesting, Log Making, Machine Operations - Log Extraction, Machine Operations - Loader, Mechanised Tree Felling, Mechanised Processing, Inventory, and Helicopter Logging.

Replacement Information

This qualification replaced the National Diploma in Forestry (Forest Management) (Level 6) [Ref: 0232].

Special Notes

It is recommended that people completing this qualification gain a minimum of six weeks work experience in a forest growing and/or harvesting operation.

Credit Range

Level 2 credits	6
Level 3 credits	13
Level 4 credits	66
Level 5 or above credits	123
Total	208

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Agriculture, Forestry and Fisheries > Forestry > Forest Foundation Skills

ID	Title	Level	Credit
17769	Demonstrate knowledge of general health, safety, and environmental requirements in forestry	2	6

Agriculture, Forestry and Fisheries > Forestry > Forest Harvesting Operations

ID	Title	Level	Credit
25754	Demonstrate knowledge of harvesting operations in commercial forestry	5	8

Agriculture, Forestry and Fisheries > Forestry > Forest Health Surveillance

ID	Title	Level	Credit
22131	Demonstrate knowledge of tree health in New Zealand forest plantations	3	5

Agriculture, Forestry and Fisheries > Forestry > Forest Inventory

ID	Title	Level	Credit
1125	Plan and implement forest inventories to obtain information for forest management	5	5
1129	Use stand growth models to forecast growth and yield in commercial forestry	6	5
1130	Demonstrate knowledge of the principles of forest valuation	5	3

Agriculture, Forestry and Fisheries > Forestry > Forest Mensuration

ID	Title	Level	Credit
6960	Prepare job prescriptions for forest operations	4	6
17770	Demonstrate knowledge of log grades and log scaling methods	3	4

Agriculture, Forestry and Fisheries > Forestry > Forest Operations Advanced

ID	Title	Level	Credit
1142	Demonstrate knowledge of log distribution in New Zealand for commercial forestry operations	4	5
24572	Manage a forestry accident site in a simulated situation	4	7

Agriculture, Forestry and Fisheries > Forestry > Forest Operations Management

ID	Title	Level	Credit
1123	Use maps and aerial photographs to establish a plot for commercial forestry	4	4
1225	Calculate production targets for forestry operations	5	5
25746	Prepare, conduct, and report process analysis in a forestry operation	5	8
25747	Plan for and monitor production and quality of a forestry operation	5	6
25752	Demonstrate knowledge of harvest planning and evaluate a given operational forest harvesting plan	5	8

Agriculture, Forestry and Fisheries > Forestry > Forestry Business Management

ID	Title	Level	Credit
1124	Use maths and statistics functions and procedures in commercial forestry	5	6
4282	Demonstrate knowledge of management systems for forestry operations	5	4
4289	Prepare a business plan for a forestry business	6	6
4293	Determine forestry operations equipment requirements	6	3
4294	Calculate costs of forestry operations	5	6
4296	Identify commercial protection requirements for a forestry business	5	2
4298	Research key elements of the forest industry and analyse opportunities for forest optimisation	3	4
25748	Research and report on a forestry business improvement initiative	6	12
25749	Demonstrate knowledge of and analyse forest operations supply chains	5	10
25751	Demonstrate knowledge of tools used to collect and manage data in commercial forestry	4	4

Agriculture, Forestry and Fisheries > Forestry > Forestry Knowledge

ID	Title	Level	Credit
1126	Demonstrate knowledge of botany for commercial forestry	4	4
1127	Demonstrate knowledge of wood science for commercial forestry	4	4
1135	Demonstrate knowledge of nutrient management in commercial forestry	5	4
1137	Demonstrate knowledge of forestry and its role as a land use	6	5
14666	Demonstrate knowledge of earth science for commercial forestry	4	4
14667	Demonstrate knowledge of forest ecology	4	4

Agriculture, Forestry and Fisheries > Forestry > Forest Silvicultural Operations

ID	Title	Level	Credit
25753	Demonstrate knowledge of and plan forestry operations	5	8

Business > Business Operations and Development > People Development and Coordination

ID	Title	Level	Credit
1987	Develop strategies to establish and maintain positive workplace relationships	4	5
18336	Demonstrate and apply knowledge of team-building skills	4	5
23396	Demonstrate knowledge of performance management planning	4	3

Business > Business Operations and Development > Systems and Resources Management

ID	Title	Level	Credit
19030	Demonstrate knowledge of tendering, negotiating, and managing a contract in a business operation	4	5

Business > Financial Management > Financial Skills

ID	Title	Level	Credit
6410	Manage financial resources for a small business enterprise	5	5

Humanities > Communication Skills > Interpersonal Communications

ID	Title	Level	Credit
9692	Present information orally to an audience	5	4
9704	Manage interpersonal conflict	4	6
21336	Lead a group/team to achieve an objective(s) with some complexity	5	5

Transition Arrangements

Version 1

This qualification was developed following the review of, and replaced, the National Diploma in Forestry (Forest Management) (Level 6) [Ref: 0232].

The replacement qualification differs from its predecessor in the following ways:

- The replacement qualification is at Level 5.
- It has simpler qualification requirements consisting solely of compulsory standards.
- It has fewer credits.

For detailed information see [Review Summaries](#) on the NZQA website.

This qualification contains standards that replace or have been substituted for earlier standards. For the purposes of this qualification, people who have gained credit for the expiring or substituted standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
1138 or 1132	25753
1140	25754
1143 or 1144	25752
4291 or 4297	19030
4301	25747
5870	22131

People currently enrolled in programmes of study leading towards the replaced qualification [Ref: 0232] have until 31 December 2012 to complete the assessment requirements for that qualification and MUST gain credit for expiring standards 6923,

6949, 13108, and 13109 by 31 December 2011 or gain credit for the relevant replacement standards (see reverse transition for [Ref: 0232]).

Delivery of courses or programmes of study leading towards the National Diploma in Forestry (Operations Management) [Ref: 1532] may commence in February 2010.

Version 2

This qualification was set to expire in December 2017 and designated as version 2.

Reverse Transition for [Ref: 0232]

That qualification contains standards that have been replaced by a later standard. For the purposes of that qualification, people who have gained credit for the replacement standard are exempt from the requirement to gain credit for the expiring standards – see table below.

Credit for	Exempt from
22994	13108, 13109
22998	6949
23000	6923

It is not intended that any existing candidate be disadvantaged by these arrangements. However, any candidate who considers they have been disadvantaged may appeal to COMPETENZ at the address below.

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

This certificate will display the logos of NZQA, the Competenz and the accredited organisation.

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description

DAS Classification		NZSCED	
Code	Description	Code	Description
96	Agriculture, Forestry and Fisheries > Forestry	050501	Agriculture, Environmental and Related Studies > Forestry Studies > Forestry Studies

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Reviewed