

National Certificate in Forestry (Generic Skills - Workplace Safety and Operations) (Level 2)

Level 2

Credits 44

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2017.

Transition Arrangements

This qualification has been reviewed and replaced by the New Zealand Certificate in Forestry (Access and Operational Awareness) (Level 2) [Ref: 2335].

Version 4 of this qualification has been republished to extend the last date of enrolment from 31 December 2015 to 31 December 2016. This date has been extended to allow adequate time for programmes leading to the replacement qualification to be developed and gain approval.

The last date for enrolments into this expiring qualification is 31 December 2016.

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

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	August 2008	December 2012
Revision	2	November 2009	December 2013
Revision	3	January 2011	December 2017
Review	4	January 2015	December 2017
Republication	4	June 2015	December 2017

Standard Setting Body

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Level 2

Credits 44

Purpose

The National Certificate in Forestry (Generic Skills – Workplace Safety and Operations) (Level 2) is aimed at workers employed in forestry operations performing roles outside of day to day crew operations. These workers often move between operations and need general health and safety skills as well as introductory knowledge of the operation or operations they are working in. This qualification recognises the attainment of health, safety, environmental, and entry level operational skills and knowledge.

The flexibility of the qualification allows workers engaged in a range of occupations and functional areas within the forest industry sectors to select the outcomes most appropriate for their job role. The compulsory covers health and safety knowledge required for all forestry workers to meet regulatory compliance requirements. Elective A provides a selection of standards from other industry sectors which are required in some forestry roles, for health and safety compliance. Elective B allows workers to select any combination of introductory standards from a variety of forest operations to ensure they have knowledge of the operations they work in.

On completion of this qualification, workers who continue to be employed in forest operations can progress to the National Certificate in Forest Operations (Level 3) with strands in Establishment, Pruning, Thinning to Waste (Small Trees), Thinning to Waste (Large Trees), Tree Felling – Basic Techniques, Thinning for Extraction, Breaking Out for Ground Based Harvesting, Breaking Out for Cable Harvesting, Landing Operations, and Mensuration [Ref: 1411].

Special Notes

The diagram in Appendix 1 illustrates pathways between Forestry qualifications at Levels 2, 3 and 4.

Credit Range

	Compulsory	Elective A	Elective B
Level 2 or above credits	8	18	18
Minimum totals	8	18	18

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
- Elective A – A minimum of 18 credits as specified
- Elective B – A minimum of 18 credits as specified

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

Health > Health Studies > First Aid

ID	Title	Level	Credit
26551	Provide first aid for life threatening conditions	2	1
26552	Demonstrate knowledge of common first aid conditions and how to respond to them	2	1

Elective A

A minimum of 18 credits at Level 2 or above

Agriculture, Forestry and Fisheries > Agriculture > Agricultural Vehicles and Machinery

ID	Title	Level	Credit
24556	Demonstrate knowledge of the safe operation of an All Terrain Vehicle Utility (ATVU)	2	3
24557	Demonstrate knowledge of the safe operation of an All Terrain Vehicle (ATV)	2	3

ID	Title	Level	Credit
24558	Drive an All Terrain Vehicle Utility (ATVU) on undulating terrain	3	5
24559	Ride an All Terrain Vehicle (ATV) on undulating terrain	3	6
24560	Drive an All Terrain Vehicle Utility (ATVU) with trailed equipment	3	3
24561	Ride an All Terrain Vehicle (ATV) with trailed equipment	3	2
24562	Drive an All Terrain Vehicle Utility (ATVU) with mounted equipment or a load	3	3
24563	Ride an All Terrain Vehicle (ATV) with mounted equipment or a load	3	4

Agriculture, Forestry and Fisheries > Forestry > Forest Operations

ID	Title	Level	Credit
25788	Demonstrate knowledge of, implement, and audit temporary traffic control on private forest roads	3	6

Community and Social Services > Fire and Rescue Services > Fire and Rescue Services - Generic Fire Fighting

ID	Title	Level	Credit
3270	Establish and deliver water supplies for fire fighting	2	3

Community and Social Services > Fire and Rescue Services > Fire and Rescue Services - Vegetation

ID	Title	Level	Credit
3285	Demonstrate knowledge of protection of personal safety at vegetation fires	3	3
3286	Control vegetation fires using dry fire fighting techniques	3	3
3287	Suppress vegetation fires with water and with water with additives	3	3
21417	Operate light portable pumps in a vegetation fire environment	2	2

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
17593	Apply safe work practices in the workplace	2	4
17602	Apply hazard identification and risk assessment procedures in the workplace	3	4

Service Sector > Driving > Core Driving Knowledge and Skills

ID	Title	Level	Credit
1734	Demonstrate knowledge of stress, health and fatigue for driving	2	3
3462	Demonstrate knowledge of traffic law for the purpose of safe driving	2	3
3465	Describe driving hazards and risk reduction strategies and responses to driving hazards	2	3
3466	Apply risk reduction techniques and strategies while driving	3	4
3469	Apply control in driving a light motor vehicle	2	2
17676	Carry out a pre-drive vehicle check on a light motor vehicle, and start and shut down the vehicle.	2	3
17677	Demonstrate knowledge of safe night driving	2	2
17678	Drive a light motor vehicle on unsealed road surfaces	3	3

Elective B

A minimum of 18 credits at Level 2 or above

Agriculture, Forestry and Fisheries > Forestry > Forest Establishment

ID	Title	Level	Credit
1232	Demonstrate knowledge of forest planting site preparation	2	4
1236	Demonstrate knowledge of releasing plantation trees and the use of agrichemicals	3	4

Agriculture, Forestry and Fisheries > Forestry > Forest Foundation Skills

ID	Title	Level	Credit
22994	Demonstrate knowledge of factors that affect the performance of forestry workers	2	10
22997	Demonstrate knowledge of principles of commercial forestry	2	5
22998	Demonstrate forestry foundation skills under supervision for pruning plantation trees	2	10
22999	Demonstrate forestry foundation skills under supervision for landing operations	2	10
23000	Demonstrate forestry foundation skills under supervision for plantation forest establishment	2	10

Agriculture, Forestry and Fisheries > Forestry > Forest Harvesting Operations

ID	Title	Level	Credit
6920	Demonstrate knowledge of cable harvesting	3	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 Landing Operations

ID	Title	Level	Credit
1252	Demonstrate knowledge of log making	3	5

Agriculture, Forestry and Fisheries > Forestry > Forest Mechanised Harvesting

ID	Title	Level	Credit
6941	Demonstrate knowledge of forest mechanised harvesting and processing	3	5

Agriculture, Forestry and Fisheries > Forestry > Forest Mensuration

ID	Title	Level	Credit
1222	Establish and measure sample plots for forest operations	4	6
17770	Demonstrate knowledge of log grades and log scaling methods	3	4

Agriculture, Forestry and Fisheries > Forestry > Forest Operations

ID	Title	Level	Credit
43	Maintain a chainsaw	3	10
1221	Explain and interpret job prescriptions for forestry operations	3	4
6916	Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use	2	5
17772	Demonstrate knowledge of environmental requirements in forestry operations	3	6
23411	Operate a chainsaw and carry out basic chainsaw maintenance in a commercial forestry situation	3	12

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

Agriculture, Forestry and Fisheries > Forestry > Forestry - Breaking Out

ID	Title	Level	Credit
1256	Demonstrate knowledge of ground based log extraction	3	4

Agriculture, Forestry and Fisheries > Forestry > Forestry Knowledge

ID	Title	Level	Credit
1126	Demonstrate knowledge of botany for commercial forestry	4	4

Agriculture, Forestry and Fisheries > Forestry > Forest Silvicultural Operations

ID	Title	Level	Credit
6950	Demonstrate knowledge of thinning plantation trees and equipment used	3	3
6951	Demonstrate knowledge of selecting plantation trees	2	4

Agriculture, Forestry and Fisheries > Forestry > Machine Operations - Forestry

ID	Title	Level	Credit
6926	Demonstrate knowledge of the log loading process	3	4

Agriculture, Forestry and Fisheries > Forestry > Non Commercial Forestry Skills

ID	Title	Level	Credit
6917	Demonstrate basic chainsaw operation	2	8

Agriculture, Forestry and Fisheries > Forestry > Tree Felling

ID	Title	Level	Credit
17763	Demonstrate knowledge of tree-felling	3	6
17766	Fell trees safely using a chainsaw	3	10

Transition Arrangements

Version 3

This qualification was revised to update the exemption table, replace expiring first aid standards, and to reflect changes to standard 6917.

Changes to structure and content

- Title, level, and credit value of standard 6917 were updated to reflect changes made to the standard following its review.
- Expiring standards 6400-6402 were replaced by standards 26551 and 26552.
- The exemption table was amended to include new exemptions.

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

People currently working towards version 2 of this qualification may either complete the requirements for that version or transfer their results to this version of the qualification. The last date for entry to training programmes or courses for version 2 is March 2011.

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

Credit for	Exempt from
1241	23000
6400, 6401, 6402	26551, 26552
6949	22998
13108, 13109	22994
17757, 17760, 17761	22997
19057	24556, 24557
19058	24558, 24559
19059	24560, 24561
19060	24562, 24563

Previous versions of the qualification

Version 2 was registered after feedback from workplace assessors and Competenz field staff to better align the qualification with activities being undertaken in the forest environment. Unit standards specific to driving on forestry roads were added.

Version 1 was registered following an extensive review of Forestry standards and qualifications.

Other standard setting bodies whose standards are included in the qualification

Fire and Rescue Services Industry Training Organisation (EMQUAL)
 NZ Motor Industry Training Organisation (Incorporated) - Tranzqual ITO
 NZQA
 Primary Industry Training Organisation
 The Skills Organisation

Certification

This certificate will display the logos of NZQA, the Competenz and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

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
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.

Reviewing

Appendix 1

