

National Certificate in Horticulture (Arboriculture) (Level 3)

Level 3

Credits 76

Purpose

This is an introductory certificate for people entering a career in the arboricultural sector of the horticulture industry. People who have completed the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb Level 3] will be able to demonstrate fundamental knowledge and skills relevant to arboriculture.

This qualification is not a prerequisite for higher level national certificates in horticulture, however, the following certificates build on the skills and knowledge recognised by this qualification.

- National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4].

Replacement Information

This qualification and the National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4] replaces the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Special Notes

Application for recognition of prior learning (RPL) should be made to the New Zealand Horticulture Industry Training Organisation or accredited providers.

Credit Range

Level 1 credits	4
Level 2 credits	28
Level 3 or above credits	44
Total	76

Requirements for Award of Qualification

Award of NQF 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 in section 7 of the New Zealand Qualifications Authority (NZQA) Rules and Procedures publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

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

This qualification will be awarded to people who have met the Compulsory requirements.

Detailed Requirements

Compulsory

The following standards are required

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

Id	Title	Level	Credit
6917	Operate a chainsaw	3	5

Agriculture, Forestry and Fisheries > Forestry > Forest Operations

Id	Title	Level	Credit
6916	Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use	2	5

Agriculture, Forestry and Fisheries > Horticulture > Arboriculture

Id	Title	Level	Credit
2763	Demonstrate knowledge of the New Zealand arboriculture industry	2	3
2765	Plant trees and shrubs	2	4
2766	Maintain amenity trees and shrubs	3	8
2767	Climb a well branched tree	4	10
2768	Prune young amenity trees and shrubs	3	4
17151	Demonstrate knowledge of safety requirements for tree work near electrical supply lines	3	5
17256	Use climbing equipment for arboriculture	3	3

Id	Title	Level	Credit
17261	Carry out ground person's duties in an arboricultural situation	3	4
25399	Use a brushwood chipper	3	3

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

Id	Title	Level	Credit
20574	Identify plants	2	5
22174	Demonstrate knowledge of soils and fertilisers	2	5
22177	Demonstrate knowledge of the structure and function of plants	2	5

Health > Health Studies > Core Health

Id	Title	Level	Credit
6400	Manage first aid in emergency situations	3	2
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

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

Id	Title	Level	Credit
497	Demonstrate knowledge of workplace health and safety requirements	1	3

Transition Arrangements

Version 1

Version 1 was issued following review of the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Changes to structure and content

- two new qualifications developed at levels 3 and 4 to replace the existing stranded qualification
- alignment with other Horticulture qualifications
- alignment to match roles within the arboriculture industry

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

People part way through the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] may either complete that qualification, or transfer

existing credit to meet the requirements of the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3] or National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4]

The last date for assessments to take place for the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] is 31 December 2012.

NZHITO intends that no existing candidate be disadvantaged by the introduction of the new qualification. Any person who feels that they have been disadvantaged by these transition arrangements should contact NZHITO at the address below.

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
14	22174
772	22177 and 22178

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	March 2009	N/A

Standard Setting Body

New Zealand Horticulture Industry Training Organisation
PO Box 8638
RICCARTON
Christchurch

Telephone 03 964 4735
Website <http://www.hortito.org.nz>

Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2014
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Other standard setting bodies whose standards are included in the qualification

FITEC
New Zealand Industry Training Organisation
NZQA

Certification

The certificate will display the logos of NZQA and the New Zealand Horticulture Industry Training Organisation.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
97	Agriculture, Forestry and Fisheries > Horticulture	050301	Agriculture, Environmental and Related Studies > Horticulture and Viticulture > Horticulture

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

optional

Prerequisite Diagram

Draft

National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand

Level 4

Credits 156 (or 210 with optional strand)

Purpose

This is a certificate for people engaged in a career in the arboricultural sector of the horticulture industry.

People who have completed the National Certificate in Horticulture (Arboriculture) (Level 4) [Ref: Arb Level 4] are able to demonstrate competence in the knowledge and skills relevant to arboriculture at tradesperson level, under the supervision of a qualified arborist.

The optional Advanced strand of this qualification recognises the skills of a qualified arborist. People credited with the strand are able to demonstrate competence in the knowledge and skills required by industry to work in the arboriculture sector with full autonomy.

This qualification contains the requirements for award of the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb Level 3].

Replacement Information

This qualification and the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3] replaces the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Special Notes

Application for recognition of prior learning (RPL) should be made to the New Zealand Horticulture Industry Training Organisation or accredited providers.

Credit Range

	Compulsory	Advanced Strand
Level 1 credits	4	-
Level 2 credits	28	-
Level 3 credits	54	23-29
Level 4 credits	70	30-53
Totals	156	53
Qualification total with strand		210

Requirements for Award of Qualification

Award of NQF 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 in section 7 of the New Zealand Qualifications Authority (NZQA) Rules and Procedures publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

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

This qualification will be awarded to people who have met the Compulsory requirements. The optional Advanced strand will be awarded to people who have met the requirements of both the compulsory section and the optional strand.

Detailed Requirements

Compulsory

The following standards are required

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

Id	Title	Level	Credit
6917	Operate a chainsaw	3	5

Agriculture, Forestry and Fisheries > Forestry > Forest Operations

Id	Title	Level	Credit
43	Maintain a chainsaw	3	10
6916	Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use	2	5

Agriculture, Forestry and Fisheries > Horticulture > Arboriculture

Id	Title	Level	Credit
2763	Demonstrate knowledge of the New Zealand arboriculture industry	2	3
2765	Plant trees and shrubs	2	4
2766	Maintain amenity trees and shrubs	3	8
2767	Climb a well branched tree	4	10
2768	Prune young amenity trees and shrubs	3	4
2773	Diagnose amenity tree health problems	4	8

Id	Title	Level	Credit
2774	Climb and brank walk difficult trees	4	12
2775	Prune mature amenity trees	4	10
25406	Undertake sectional felling in tree work	4	10
17151	Demonstrate knowledge of safety requirements for tree work near electrical supply lines	3	5
17256	Use climbing equipment for arboriculture	3	3
17257	Fell and limb trees under supervision	3	10
17258	Use felling techniques in arboriculture	4	10
17261	Carry out ground person's duties in an arboricultural situation	3	4
17262	Carry out an arboricultural tree inspection	4	5
25399	Use a brushwood chipper	3	3

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

Id	Title	Level	Credit
20574	Identify plants	2	5
22174	Demonstrate knowledge of soils and fertilisers	2	5
22177	Demonstrate knowledge of the structure and function of plants	2	5

Health > Health Studies > Core Health

Id	Title	Level	Credit
6400	Manage first aid in emergency situations	3	2
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

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

Id	Title	Level	Credit
497	Demonstrate knowledge of workplace health and safety requirements	1	3

Optional Advanced strand

A minimum of 53 credits

Of which a minimum of 30 credits at Level 4 or above

Field	Subfield	Domain
Agriculture, Forestry and	Horticulture	Arboriculture

Field	Subfield	Domain
Fisheries		

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

Id	Title	Level	Credit
829	Demonstrate knowledge of plant nomenclature	2	5
22178	Demonstrate knowledge of plant processes and plant life cycles	3	5
22194	Explain how plant structures, functions and processes adapt to different environments	4	5

Humanities > Communication Skills > Writing

Id	Title	Level	Credit
3491	Write a report	3	4

Transition Arrangements

Version 1

Version 1 was issued following review of the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Changes to structure and content

- two new qualifications developed at levels 3 and 4 to replace the existing stranded qualification
- alignment with other Horticulture qualifications
- alignment to match roles within the arboriculture industry

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

People part way through the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] may either complete that qualification, or transfer existing credit to meet the requirements of the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3] or National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4]

The last date for assessments to take place for the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] is 31 December 2012.

NZHITO intends that no existing candidate be disadvantaged by the introduction of the new qualification. Any person who feels that they have been disadvantaged by these transition arrangements should contact NZHITO at the address below.

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14	22174
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NQT Registration Information

Process	Version	Date	Last Date for Assessment
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Standard Setting Body

New Zealand Horticulture Industry Training Organisation
PO Box 8638
RICCARTON
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Telephone 03 964 4735
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Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2014
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Other standard setting bodies whose standards are included in the qualification

FITEC
New Zealand Industry Training Organisation
NZQA

Certification

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Classification

This qualification is classified according to the NQT classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
97	Agriculture, Forestry and Fisheries > Horticulture	050301	Agriculture, Environmental and Related Studies > Horticulture and Viticulture > Horticulture

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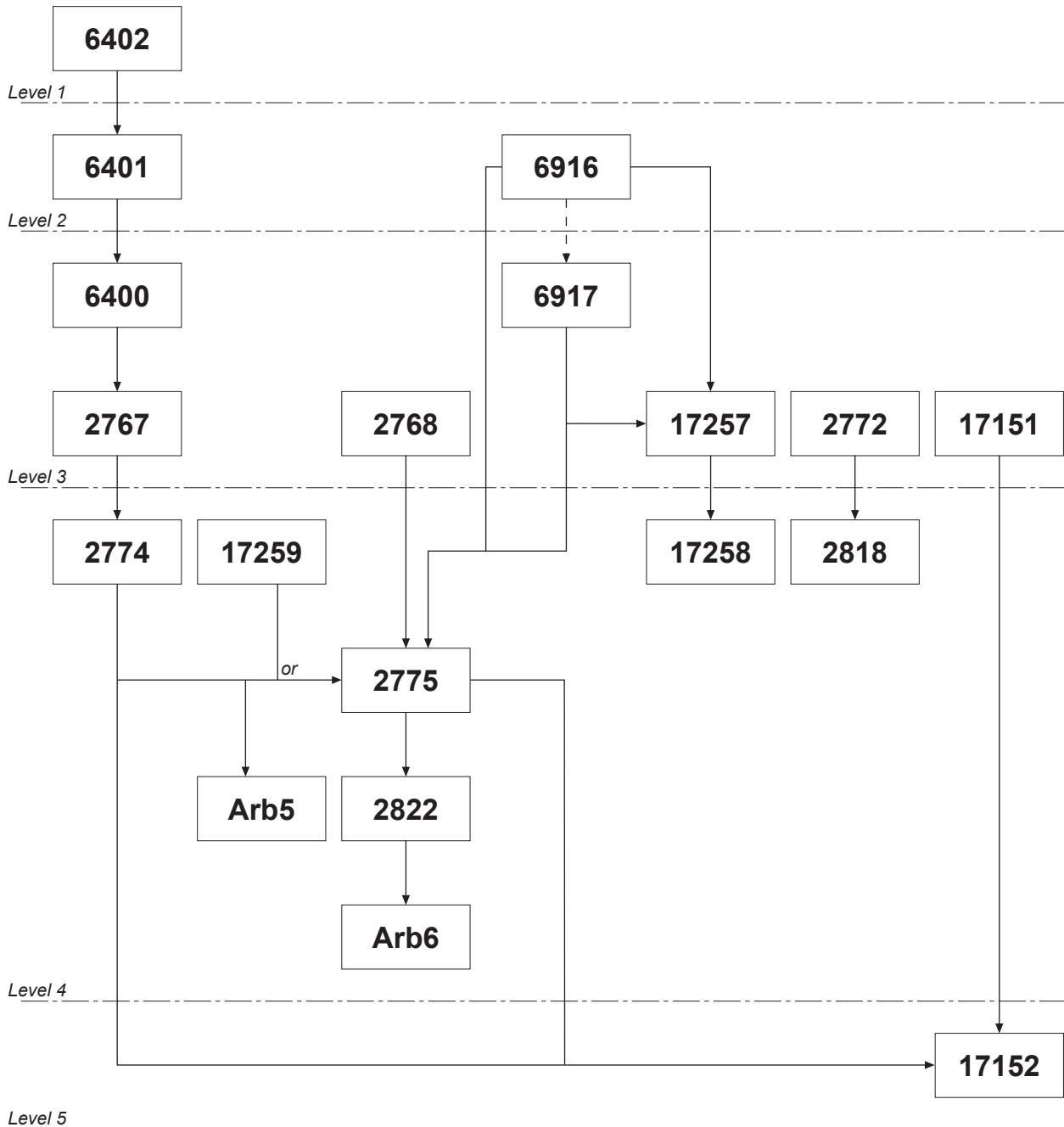
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optional

Prerequisite Diagram

Draft

Arboriculture prerequisite diagram



FIELD AGRICULTURE, FORESTRY AND FISHERIES**Review of *Horticulture* qualifications****National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896]**

The New Zealand Horticulture Industry Training Organisation has completed the review of the qualification listed above.

Replacement qualifications

National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3]
 National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4]

Date new versions published**June 2009**

The next qualification review is planned to take place during 2014.

Summary of review and consultation process

NZHITO, in conjunction with the Arboriculture advisory group, has recently reviewed the qualification and unit standards for the Arboriculture sector of the horticulture industry. The outcome of the review has been to align the structure of the qualification with other NZHITO qualifications registered on the Framework, resulting in the replacement of the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896]. The development of two new qualifications has enabled the ITO to align training outcomes of the arboriculture industry with other sectors of the horticulture industry.

The six strands of the replaced qualification did not reflect roles in the arboriculture industry, for example there is no such thing as a job description for a Transplant Worker, therefore learning outcomes did not match titles of positions in the industry. Considerable duplication and overlap existed between each of the six strands.

Main changes resulting from the review

The National Certificate in Horticulture (Arboriculture) [Ref: 0896] has been replaced by the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3] and the National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4].

National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896]

Review category	C	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- two new qualifications developed at levels 3 and 4 to replace the existing stranded qualification
- alignment with other Horticulture qualifications
- alignment to match roles within the arboriculture industry

Transition

People part way through the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] may either complete that qualification, or transfer existing credit to meet the requirements of the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: Arb3] or National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: Arb4].

The last date for assessments to take place for the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896] is **31 December 2012**.

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set