

## National Certificate in Aquaculture (Farm Management of Single-seed Pacific Oysters) (Level 4)

**Level** 4

**Credits** 40

### Purpose

This national certificate recognises the skills and knowledge of farm management of single-seed Pacific oysters. This is a specialist qualification intended for managers, supervisors and people who oversee the operation of oyster farms.

This qualification consists of two elective sections. Elective one lists standards which include selective breeding and spat culture, maintaining spat quality, maximising oyster quality on farm grow-outs and explaining grow-out systems, stimulating fattening to achieve market condition, monitor and maintaining production, explain and carrying out farm trials, and developing and documenting an annual plan. The choice of standards will be dependent on the requirements of the oyster farm.

Elective two allows candidates to choose standards from within the Aquaculture and Aquaculture Diving domains that may complement their role within the oyster farm and the requirements of the oyster farm.

### Credit Range

	Elective 1	Elective 2
Level 4 or above credits	27	13
Total	40	

### 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

- Elective 1 – A minimum of 27 credits as specified
- Elective 2 – A minimum of 13 credits as specified

## Detailed Requirements

### Elective 1

A minimum of 27 credits

Agriculture, Forestry and Fisheries > Seafood > Aquaculture

ID	Title	Level	Credit
24670	Explain selective breeding and hatchery techniques associated with culturing single-seed Pacific oyster spat	4	5
24671	Explain the growth of single-seed Pacific oyster spat in a pond-nursery system, and handle the spat to maintain quality	4	8
24672	Explain techniques used for farming single-seed Pacific oysters to maximise quality on farm grow-outs	4	10
24673	Explain and carry out the grading of single-seed Pacific oysters	4	5
24674	Compare oyster grow-out systems, and explain grow-out systems used to farm single-seed Pacific oysters	4	5
24675	Explain techniques used to stimulate fattening of single-seed Pacific oysters to achieve optimal market condition	4	5
24676	Monitor and maintain control of production for single-seed Pacific oyster farm grow-out systems	4	5
24677	Explain and carry out farm trials for single-seed Pacific oyster culture	4	10
24678	Develop and document an annual plan for farming a commercial species in an aquaculture facility	4	5

### Elective 2

A minimum of 13 credits at Level 4 or above

Field	Subfield	Domain
Agriculture, Forestry and Fisheries	Seafood	Aquaculture
		Aquaculture Diving

## Transition Arrangements

### Version 2

Version 2 was issued to account for the registration of the Aquaculture Diving domain.

Changes to structure and content

- The Aquaculture Diving domain was added to Elective 2.

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

There are no transition consequences for any existing candidates. However, candidates currently working towards version 1 of this qualification may either complete the requirements for that version or transfer to version 2. All new candidates will be enrolled onto version 2.

### NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	November 2008	N/A
Revision	2	January 2010	N/A

### Standard Setting Body

Seafood ITO  
 Private Bag 24901  
 Manners Street  
 Wellington 6142

Telephone 04 385 4005  
 Email [admin@seafood.co.nz](mailto:admin@seafood.co.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	2013
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### Certification

This certificate will display the logos of NZQA, Seafood ITO and the accredited 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
1059	Agriculture, Forestry and Fisheries > Seafood > Aquaculture	050701	Agriculture, Environmental and Related Studies > Fisheries Studies > Aquaculture

**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.