

## Carry out a biomass assessment of farmed fin fish

**Level** 3

**Credits** 5

**Purpose** People credited with this unit standard are able to: describe the principles and methods of biomass assessment for farmed fin fish, and carry out a biomass assessment of farmed fin fish.

**Subfield** Seafood

**Domain** Aquaculture

**Status** Registered

**Status date** 25 February 2008

**Date version published** 25 February 2008

**Planned review date** 31 December 2012

**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA and industry.

**Standard setting body (SSB)** Primary Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0123

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Special notes

- 1 Definition  
*company requirements* refer to instructions to staff on policy and procedures that are communicated in an oral or in written form. These requirements must include legislation and safety requirements and may include but are not limited to – manufacturer's procedures and industry codes of practice and standards.
- 2 All work practices must meet documented company safety requirements. The documented company safety requirements must meet the obligations of the Health and Safety in Employment Act 1992, and subsequent amendments.

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## Elements and performance criteria

### Element 1

Describe the principles and method of biomass assessment for farmed fin fish.

#### Performance criteria

1.1 The description includes the reasons for carrying out biomass assessment in accordance with company requirements.

Range may include but is not limited to – determining Feed Conversion Rate (FCR), Specific Growth Rate (SGR), average weight and biomass, calculating the amount of food to feed fish, monitoring fish health.  
Evidence of four is required.

1.2 The description includes the preparation required, and the reasons for the preparation activities, in accordance with company requirements.

1.3 The description outlines the steps to take to ensure an accurate biomass assessment in accordance with company requirements.

1.4 The description outlines the documentation and distribution of the results of the biomass assessment in accordance with company requirements.

1.5 The description outlines measures taken to ensure the welfare of the fish in accordance with company requirements.

Range may include but is not limited to – handling of fish, reduction of stress, minimising presence of predators, monitoring of fish during assessment.

### Element 2

Carry out a biomass assessment of farmed fin fish.

#### Performance criteria

2.1 The steps for biomass assessment are carried out in accordance with company requirements.

2.2 The biomass assessment results are documented and distributed in accordance with company requirements.

### **Please note**

Providers must be accredited by the Qualifications Authority, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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### **Comments on this unit standard**

Please contact the Primary Industry Training Organisation [sitostandards@primaryito.ac.nz](mailto:sitostandards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.