

## Describe automated feeding and use an automated system to feed a population of farmed fin fish

**Level** 3

**Credits** 10

**Purpose** People credited with this unit standard are able to: describe an automated feeding system used to feed a population of farmed fin fish and feed a population of farmed fin fish using an automated feeding system.

**Subfield** Seafood

**Domain** Aquaculture

**Status** Registered

**Status date** 18 September 2009

**Date version published** 18 September 2009

**Planned review date** 31 December 2014

**Entry information** Open.

**Replacement information** This unit standard replaced unit standard 18484 and unit standard 18485.

**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 Definitions

*Company requirements* refer to instructions to staff on policy and procedures that are communicated in an oral or written form. These requirements must include legislation and safety requirements, and may include but are not limited to, manufacturers' instructions, industry codes of practice and standards.

*Optimal performance* refers to the set-up and maintenance of the automatic feeding system that will ensure the required growth of the fish population.

- 2 The candidate is required to carry out feeding for a minimum of five feeds, to maintain optimal performance of the automatic feeding system.
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## Elements and performance criteria

### Element 1

Describe an automated feeding system used to feed a population of farmed fin fish.

Range automated feeding system may include but is not limited to – camera/spinner, AQ1/spinner, spinner, blower/camera.

### Performance criteria

1.1 The description includes an outline of the overall operation of the automated feeding system in accordance with company requirements.

1.2 The description includes an outline of the set up of the automated feeding system, in relation to the actual feeding of a population of farmed fin fish.

1.3 The description includes the important characteristics of automated feeding systems that ensure optimal performance.

Range evidence is required for four characteristics.

1.4 The description includes the indicators that the farmed fin fish are actively feeding.

Range evidence is required for two indicators.

1.5 The description includes the indicators of farmed fin fish satiation.

Range evidence is required for two indicators.

1.6 The description includes the indicators of feed wastage.

Range evidence is required for two indicators.

### Element 2

Feed a population of farmed fin fish using an automated feeding system.

### Performance criteria

2.1 Fin fish are fed using the automated feeding system in accordance with company requirements.

Range satiation or non-satiation, minimal feed wastage.

2.2 The automated feeding system is monitored and maintained to ensure optimal performance in accordance with company requirements.

Range cleaning activities, routine repairs and maintenance.

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**Please note**

Providers must be accredited by NZQA, 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 NZQA 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 [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.