

## Demonstrate knowledge of, and carry out a sex reversal procedure for fin fish on an aquaculture facility

**Level** 4

**Credits** 8

**Purpose** People credited with this unit standard are able to: demonstrate knowledge of carrying out; and carry out a sex reversal procedure for fin fish on an aquaculture facility.

**Subfield** Seafood

**Domain** Aquaculture

**Status** Registered

**Status date** 19 September 2008

**Date version published** 19 September 2008

**Planned review date** 31 December 2013

**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

#### Definition

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

## **Elements and performance criteria**

### **Element 1**

Demonstrate knowledge of carrying out a sex reversal procedure for fin fish on an aquaculture facility.

#### **Performance criteria**

- 1.1 The purpose for reversing the sex of fin fish is explained in terms of the impact on the breeding objectives of the aquaculture facility.
- 1.2 The selection criteria for fin fish to undertake this process is explained in accordance with company requirements.
- 1.3 Use and storage of chemicals for the sex reversal procedure is explained in accordance with company requirements.
- 1.4 The sex reversal procedure, and the preparation and use of equipment for this procedure, are explained in accordance with company requirements.
- 1.5 Disposal of sex reversed fin fish is described in accordance with company requirements.

### **Element 2**

Carry out a sex reversal procedure for fin fish on an aquaculture facility.

#### **Performance criteria**

- 2.1 Equipment and chemicals are prepared in accordance with company requirements.
- 2.2 Stock are selected and isolated in accordance with company requirements.
- 2.3 The sex reversal procedure is carried out in accordance with company requirements.
- 2.4 Testing is carried out to evaluate procedure success rate in accordance with company requirements.
- 2.5 Documentation is completed in accordance with company requirements.

### **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 at [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.