

Assess size distribution of fin fish and interpret data for an aquaculture facility

Level 3

Credits 5

Purpose People credited with this unit standard are able to: demonstrate knowledge of assessing size distribution of fin fish; assess size distribution of fin fish; and interpret size distribution data of fin fish, for an aquaculture facility.

Subfield Seafood

Domain Aquaculture

Status Registered

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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>.

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 assessing size distribution of fin fish for an aquaculture facility.

Performance criteria

1.1 Size distribution is explained in terms of the procedure for assessment for fin fish on an aquaculture facility.

Range includes anaesthetising and weighing individual fish.

1.2 Size distribution assessment is explained in terms of the applications for an aquaculture facility.

Range may include but is not limited to – grading, sea cage transfers, harvest, feed size changes, mesh sizes; evidence of three is required.

Element 2

Assess size distribution of fin fish for an aquaculture facility.

Performance criteria

2.1 Fish populations for size distribution assessment are identified and isolated in accordance with company requirements.

2.2 Sampling methodology for the assessment is identified and carried out in accordance with company requirements.

Range includes but is not limited to – sample size in relation to population size, representative sampling.

2.3 Fish are anaesthetised and monitored in accordance with company requirements.

2.4 Individual fish are weighed and recorded in accordance with company requirements.

Element 3

Interpret size distribution data of fin fish for an aquaculture facility.

Performance criteria

3.1 Size distribution data is processed in accordance with company requirements.

3.2 Size distribution data is interpreted in accordance with company requirements.

3.3 Conclusions and potential corrective actions are determined from size distribution data in accordance with company requirements.

Range may include but is not limited to – average weight, below minimum weight, grading requirement, market 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.

Comments on this unit standard

Please contact the Primary Industry Training Organisation at standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.