

Demonstrate knowledge of PIT tagging, and PIT tag fin fish in an aquaculture facility

Level 4

Credits 5

Purpose People credited with this unit standard are able to: demonstrate knowledge of PIT tagging fin fish; and carry out the PIT tagging process for fin fish in 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

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 legislative requirements and company safety procedures, and may include but are not limited to – industry codes of practice and standards.

PIT is an acronym for passive integrated transponder.

Elements and performance criteria

Element 1

Demonstrate knowledge of PIT tagging of fin fish in an aquaculture facility.

Performance criteria

- 1.1 PIT tagging is explained in terms of its purpose in an aquaculture facility.
- 1.2 PIT tagging is explained in terms of the equipment used before, during and after the PIT tagging process.
- 1.3 PIT tagging is explained in terms of the process of imbedding the PIT tag to a fin fish in an aquaculture facility.
- 1.4 PIT tagging is explained in terms of the consequences when fin fish are not PIT tagged properly.

Range evidence of two consequences is required.
- 1.5 PIT tagging is explained in terms of the 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, monitoring of fish during PIT tagging process.

Element 2

Carry out the PIT tagging process for fin fish in an aquaculture facility.

Performance criteria

- 2.1 PIT tagging equipment is prepared in accordance with company requirements.
- 2.2 Fin fish to be PIT tagged are identified and anaesthetised in accordance with company requirements.
- 2.3 Fin fish attributes are identified and recorded in accordance with company requirements.

Range may include but is not limited to – length, weight, sex, location.
- 2.4 Fin fish are PIT tagged in accordance with company requirements.
- 2.5 PIT tag is scanned and data captured in accordance with company requirements.
- 2.6 PIT tagged fin fish are monitored during the recovery phase 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.

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.