

Carry out repair and maintenance work on a mussel (kutai, kuku) farm

Level 3

Credits 15

Purpose People credited with this unit standard are able to: describe the structures of a mussel farm; describe repair requirements on a mussel farm; attach floats to a mussel line; clean, repair, and replace backbones and warps.

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

- 1 Definitions
company requirements refer to instructions to staff on policy and procedures that are communicated in verbal or written form. These requirements may include but are not limited to – manufacturers' procedures, company safety procedures, legislative requirements, industry codes of practice and standards;
types of rope include but are not limited to – standard rope, culture rope, spat catching rope, lashings.
- 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 its subsequent amendments.

Elements and performance criteria

Element 1

Describe the structures of a mussel farm.

Performance criteria

- 1.1 The description outlines the types and features of backbones on the farm in terms of their use.
- Range evidence is required for two types of backbones and for three features of each type of backbone.
- 1.2 The description outlines the different types of anchoring systems in terms of their use.
- Range may include but is not limited to – concrete block, screw anchor, steel anchor;
evidence is required for three types of anchoring systems.
- 1.3 The description outlines the different types of ropes used to set up a mussel farm in terms of their use.
- 1.4 The description outlines the different types of floats used to set up a mussel farm in terms of their position and use in accordance with company requirements.
- Range includes but is not limited to – identification floats, light floats, black floats, orange floats.
- 1.5 The description outlines the importance of appropriate waste disposal of floats, lashings, and ties in accordance with company requirements.

Element 2

Describe repair requirements on a mussel farm.

Range includes but is not limited to – anchor shifted, loose float, broken warp, broken backbone, sunken line, damaged buoy, chaffed rope.

Performance criteria

- 2.1 The description identifies the signs that indicate repair is required.
- 2.2 The description outlines the repair action that will be required in each situation.

Element 3

Attach floats to a mussel line.

Performance criteria

3.1 The floats are attached in accordance with company requirements.

Range includes but is not limited to – spacing, tension.

Element 4

Clean, repair, and replace backbones and warps.

Performance criteria

4.1 Cleaning is carried out in accordance with company requirements.

4.2 Tension is in accordance with company requirements.

4.3 Attachment at the bridle is made in accordance with company requirements.

4.4 Any repairs are carried out 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 standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.