

Carry out the seeding process on a mussel (kutai, kuku) farm

Level 3

Credits 15

Purpose People credited with this unit standard are able to: describe the seeding process; set up and maintain the seeder; monitor and maintain the flow of the seeding operation; and operate the knuckle-boned crane on a mussel vessel during the seeding process, for a mussel farm.

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 may 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 seeding process for a mussel farm.

Performance criteria

- 1.1 The description outlines the stages of the seeding process in accordance with company requirements.

Range may include nursery/initial, intermediate and final seeding.
- 1.2 The description outlines the importance of ensuring spat/seed is declumped in accordance with company requirements.
- 1.3 The description outlines the process of picking up the line in accordance with company requirements.
- 1.4 The settings of the seeder are described in terms of how they affect density and stocking tension.

Element 2

Set up and maintain the seeder on a mussel farm.

Performance criteria

- 2.1 Ropes are joined in accordance with company requirements.
- 2.2 Stocking tubes are replaced during the seeding operation in accordance with company requirements.
- 2.3 Minor repairs and adjustments are carried out in accordance with company requirements.

Element 3

Monitor and maintain the flow of the seeding operation on a mussel farm.

Performance criteria

- 3.1 Even spat/seed density is maintained in accordance with the skipper's specifications.
- 3.2 The stocking tension is maintained in accordance with the skipper's specifications.
- 3.3 Consistent dropper depth and distance apart are maintained in accordance with the skipper's specifications.

Element 4

Operate the knuckle-boned crane on a mussel vessel during the seeding process.

Performance criteria

- 4.1 Before and during operation, the knuckle-boned crane is confirmed as being in safe working order in accordance with company requirements.
- 4.2 The knuckle-boned crane is used in a way that ensures that the stability and safety of the vessel are maintained in accordance with company requirements.
- 4.3 Any minor repairs or maintenance 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.