

Title	Describe and carry out repair and maintenance work on a mussel (kutai, kuku) farm		
Level	3	Credits	10

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.
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 Definition
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' instructions, company safety requirements, throughput, and industry codes of practice and standards. Company requirements must include legislative requirements.
- 3 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe the structures of a mussel farm.

Performance criteria

- 1.1 Describe the types and features of backbones on the farm in terms of their use.

Range	evidence is required for two types of backbones and one feature of each type of backbone.
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1.2 Describe 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 Describe the different types of ropes used to set up a mussel farm in terms of their use.

Range types of rope include but are not limited to – standard rope, culture rope, spat catching rope, lashings.

1.4 Describe the different types of floats used to set up a mussel farm in terms of their position.

Range includes but is not limited to – identification floats, light floats, black floats, orange floats.

1.5 Describe the importance of appropriate waste disposal of floats, lashings, and ties.

Outcome 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 Describe the signs that indicate repair is required.

2.2 Describe the repair action that will be required in each situation.

Outcome 3

Attach floats to a mussel line.

Performance criteria

3.1 Attach floats.

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

Outcome 4

Clean, repair, and replace backbones and warps.

Performance criteria

4.1 Carry out cleaning.

- 4.2 Check tension.
- 4.3 Make attachment at the bridle.
- 4.4 Carry out any repairs and replace backbones and warps.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 April 1999	31 December 2024
Review	2	25 February 2003	31 December 2024
Revision	3	27 October 2006	31 December 2024
Review	4	20 March 2009	31 December 2024
Review	5	28 October 2021	N/A
Rollover	6	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.