

Title	Build an inter-tidal oyster (tio) farm to a specified design		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: position rows on an inter-tidal oyster (tio) farm site; install posts on an inter-tidal oyster (tio) farm and maintain throughput; attach rails or line to form oyster (tio) inter-tidal growing racks and maintain throughput; and describe the ecological factors that impact on oyster (tio) farm site selection.
----------------	---

Classification	Seafood > Aquaculture
-----------------------	-----------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- Legislation relevant to this unit standard includes but is not limited to:
 - Animal Products Act 1999;
 - Health and Safety at Work Act 2015; and any subsequent amendments.
- Definitions
Company requirements refer to instructions to staff on policy and procedures which 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.
Specified design refers to a pre-determined design written or orally communicated to the builder.
- All evidence presented in this unit standard must be in accordance with company requirements

Outcomes and performance criteria

Outcome 1

Position rows on an inter-tidal oyster (tio) farm site.

Performance criteria

- 1.1 Position rows in accordance with site boundaries and consistent with the specified design.

- 1.2 Position rows to a height, length, orientation, and spacing consistent with the specified design.

Outcome 2

Install posts on an inter-tidal oyster (tio) farm and maintain throughput.

Performance criteria

- 2.1 Install posts in accordance with the specified design.

Range posts must be – consistent in height, angled with respect to the ground, spaced on the same side of a rack, spaced with respect to posts on the other side of the rack, faces orientated with respect to the direction of the rails, held firm in the ground.

- 2.2 Maintain throughput.

- 2.3 Maintain tools and equipment after use.

Range clean, lubricate, rust-proof.

Outcome 3

Attach rails or line to form oyster (tio) inter-tidal growing racks and maintain throughput.

Performance criteria

- 3.1 Attach rails or line to growing racks in accordance with the specified design.

- 3.2 Maintain throughput.

Outcome 4

Describe the ecological factors that impact on oyster (tio) farm site selection.

Performance criteria

- 4.1 Describe ecological factors influencing farm position and orientation.

Range factors may include but are not limited to – nutrient flows, wind direction; evidence of two is required.

- 4.2 Describe ecological factors influencing farm height selection.

Range optimum growing level, parasitic infestation, siltation level, neap tide height.

- 4.3 Describe tides and tidal patterns in terms of their effects on day-to-day farming activities.

Range tides – spring, neap.

- 4.4 Describe spring and neap tides in terms of the causes.

Planned review date	31 December 2028
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 1996	31 December 2024
Review	2	21 May 1999	31 December 2024
Review	3	25 February 2003	31 December 2024
Review	4	17 October 2008	31 December 2024
Review	5	28 October 2021	N/A
Rollover	6	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
--	------

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.