

Title	Operate and perform routine maintenance on load-shifting equipment used in oyster (tio) farming		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: prepare to operate load-shifting equipment used in oyster (tio) farming activities; carry out loading and unloading activities for an oyster (tio) operation; and carry out routine maintenance on load-shifting equipment.
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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:
 - Animal Products Act 1999;
 - Health and Safety at Work Act 2015;
 - and any subsequent amendments.
- 2 Definition
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.
- 3 Range
 Load-shifting equipment used may vary according to what is available on site and may include but is not limited to – vehicle-mounted cranes (Hiabs), tractors with hydraulic lifts, chain-block and gantries, hydraulic equipment. Evidence for one type of lifting equipment is required.
- 4 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Prepare to operate load-shifting equipment used in oyster (tio) farming activities.

Performance criteria

- 1.1 Conduct pre-use checks to identify any defects on the load-shifting equipment.
- Range checks may include – condition of hydraulic hoses and seals, hydraulic fluid and oil levels, wire, chain, brakes, tyres, anchor points, attachment of lifting equipment.
- 1.2 Take action or notify relevant personnel of any identified defects.
- 1.3 Prepare load shifting equipment for use.

Outcome 2

Carry out loading and unloading activities for an oyster (tio) operation.

Performance criteria

- 2.1 Describe stability considerations in terms of the loaded load-shifting equipment and the load.
- 2.2 Maintain stability of the load throughout the loading and unloading operation.
- 2.3 Observe the environment, load, and load handling attachment position during movement toward and away from the stacking and de-stacking position.
- Range environment – immediate vicinity of operation, other machines, other stacks of materials, personnel, structures.
- 2.4 Position the load precisely and securely at its destination.
- 2.5 Carry-out operation without damage to equipment, other stacks of materials, structures, personnel, and load.

Outcome 3

Carry out routine maintenance on load-shifting equipment.

Performance criteria

- 3.1 Carry-out routine maintenance.
- Range chain-block and gantry – greasing, rust prevention;
hydraulic lifts – greasing, maintaining hydraulic fluid level, rust prevention;
tractor with hydraulic lift – tyre pressures, brake fluid level, rust prevention, oil level.

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	18 December 1996	31 December 2024
Review	2	21 May 1999	31 December 2024
Review	3	25 February 2003	31 December 2024
Revision	4	27 October 2006	31 December 2024
Review	5	17 October 2008	31 December 2024
Review	6	28 October 2021	N/A
Rollover	7	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.