

Title	Describe automated feeding and use an automated system to feed a population of farmed fin fish		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: describe an automated feeding system used to feed a population of farmed fin fish; and feed a population of farmed fin fish using an automated feeding system.
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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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 that are communicated in an oral 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.

Optimal performance refers to the set-up and maintenance of the automatic feeding system that will ensure the required growth of the fish population.
- The candidate is required to carry out feeding for a minimum of five feeds, to maintain optimal performance of the automatic feeding system.
- All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe an automated feeding system used to feed a population of farmed fin fish.

Range automated feeding system may include but is not limited to – camera or spinner, spinner, blower or camera.

Performance criteria

- 1.1 Describe the overall operation of the automated feeding system.
- 1.2 Describe the set up of the automated feeding system in relation to the actual feeding of a population of farmed fin fish.
- 1.3 Describe the important characteristics of automated feeding systems that ensure optimal performance.
- Range evidence of four characteristics is required.
- 1.4 Describe the indicators that the farmed fin fish are actively feeding.
- Range evidence of two indicators is required.
- 1.5 Describe the indicators of farmed fin fish satiation.
- Range evidence of two indicators is required.
- 1.6 Describe the indicators of feed wastage.
- Range evidence of two indicators is required.

Outcome 2

Feed a population of farmed fin fish using an automated feeding system.

Performance criteria

- 2.1 Use the automated feeding system to feed farmed fin fish.
- Range satiation or non-satiation, minimal feed wastage.
- 2.2 Monitor and maintain the automated feeding system to ensure optimal performance.
- Range cleaning activities, routine repairs and maintenance.

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	23 August 2005	31 December 2024
Review	2	18 September 2009	31 December 2024
Review	3	28 October 2021	N/A
Rollover	4	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.