

<b>Title</b>	<b>Program the AQ1 system and interpret AQPC data for salmon feeding</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to carry out routine programming of the AQ1 system and interpret AQPC salmon feeding graphs and take corrective action.
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<b>Classification</b>	Seafood > Aquaculture
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<b>Available grade</b>	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 Definitions  
*AQ1 unit* refers to the AQ1 controller and automatic feeder – the ‘white box’ that controls the AQ1 feeding system.  
*AQPC* refers to the AQ1 personal computer. This computer records and analyses all the data generated by the AQ1 units.

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### Outcomes and performance criteria

#### Outcome 1

Carry out routine programming of the AQ1 system.

#### Performance criteria

- 1.1 Describe the AQ1 system and AQPC settings.
 

Range	minimum and maximum pause, minimum and maximum feed, minimum and maximum sleep, gain, low and high sense, hi repeat, sink rate, spin rate; evidence of four is required.
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- 1.2 Describe the communications function of the AQ1 system.
- 1.3 Describe the fault-finding sequence with AQ1 system communication problems.
- 1.4 Allot an AQ1 unit to a group of fish.

1.5 Programme an AQ1 unit with the type and numbers of feeders.

1.6 Adjust AQ1 system settings to meet required feed rates.

Range properties include but are not limited to – size, ingestibility, nutritional value, availability.

## Outcome 2

Interpret AQPC salmon feeding graphs and take corrective action.

## Performance criteria

2.1 Interpret AQPC graphs in terms of feeder and pellet versus time.

2.2 Identify irregularities and take corrective action.

<b>Planned review date</b>	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## Status information and last date for assessment for superseded versions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 October 2001	31 December 2024
Review	2	23 August 2005	31 December 2024
Review	3	18 September 2009	31 December 2024
Review	4	28 October 2021	N/A
Rollover	5	29 February 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.