

Title	Describe health issues and factors impacting on product quality for a selected aquaculture species		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to describe: health issues for a selected aquatic species in the New Zealand aquaculture industry; and factors prior to harvest that impact on the final product quality of a selected aquatic species in the New Zealand aquaculture industry.
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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Guidance Information

- 1 Legislative requirements may include but are not limited to:
 - Animal Products Act 1999;
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 and their subsequent amendments.
- 2 Definition
Company requirements refer to instructions to staff on policy and procedures that are communicated in written or verbal form. These requirements may include but are not limited to – manufacturers' procedures, company safety procedures, codes of practice and standards. Company requirements must include legislative requirements.
- 3 For the purpose of this unit standard one New Zealand aquaculture species must be selected. The same species must be described for each performance criteria.
- 4 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe health issues for a selected aquatic species in the New Zealand aquaculture industry.

Performance criteria

- 1.1 Describe potential health issues and their impact, associated with a selected aquatic species.
- Range may include but is not limited to – diseases, parasites, fouling organisms, gross symptoms, diagnostic methods, transmission; evidence of at least two is required.
- 1.2 Describe the way in which environmental factors may adversely impact on the health of the selected aquatic species.
- Range may include but is not limited to – pH, temperature, salinity, turbidity, Biological Oxygen Demand, Dissolved Oxygen, light, weather, depth, fouling organisms, harmful algal blooms; evidence of four factors is required.
- 1.3 Describe prevention and control measures available to manage the health issues and effects of the environmental factors.
- 1.4 Describe documentation and reporting requirements.

Outcome 2

Describe factors prior to harvest that impact on the final product quality of a selected aquatic species in the New Zealand aquaculture industry.

Performance criteria

- 2.1 Describe the impact of biological factors on the final product quality of a selected aquatic species.
- Range may include but is not limited to – diseases, parasites; evidence of two is required.
- 2.2 Describe the impact of environmental factors on the final product quality of a selected aquatic species.
- Range may include but is not limited to – pH, temperature, salinity, turbidity, phytoplankton, Biological Oxygen Demand, Dissolved Oxygen, light, weather, depth, fouling organisms, harmful algal blooms; evidence of four is required.
- 2.3 Describe prevention and control measures available to manage the impact of the biological and environmental factors.
- 2.4 Describe documentation and reporting requirements.

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 March 2002	31 December 2024
Review	2	16 December 2003	31 December 2024
Review	3	12 December 2008	31 December 2024
Review	4	28 October 2021	N/A
Rollover	5	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.