Title	Assess size distribution of fin fish and interpret data for an aquaculture facility		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: describe size distribution and size distribution assessment applications of fin fish; assess size distribution of fin fish; and interpret size distribution data of fin fish, for an aquaculture facility.

Classification	Seafood > Aquaculture
Available grade	Achieved

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 that are communicated in an oral or written form. These requirements may include but are not limited to – manufacturer's' instructions, company safety requirements, throughput, and industry codes of practice and standards. Company requirements must include legislative requirements.

3 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe size distribution and size distribution assessment applications of fin fish for an aquaculture facility.

Performance criteria

- 1.1 Describe size distribution in terms of the procedure for assessment for fin fish on an aquaculture facility.
 - Range includes anaesthetising and weighing individual fin fish.

1.2 Describe size distribution assessment in terms of the applications for an aquaculture facility.

Range may include but is not limited to – grading, sea cage transfers, harvest, feed size changes, mesh sizes; evidence of three is required.

Outcome 2

Assess size distribution of fin fish for an aquaculture facility.

Performance criteria

- 2.1 Identify and isolate fin fish populations for size distribution assessment.
- 2.2 Identify and carry out sampling methodology for the assessment.
 - Range includes but is not limited to preparing fish re-assessment, crowding, environmental monitoring, sample size in relation to population size, representative sampling, post-assessment recovery and monitoring.
- 2.3 Anesthetise and monitor fin fish.
- 2.4 Weigh and record individual fin fish.

Outcome 3

Interpret size distribution data of fin fish for an aquaculture facility.

Performance criteria

- 3.1 Process size distribution data.
- 3.2 Interpret size distribution data.
- 3.3 Determine conclusions and potential corrective actions from size distribution data.

Range may include but is not limited to – average weight, below minimum weight, grading requirement, market 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	19 September 2008	31 December 2024
Review	2	28 October 2021	N/A
Rollover	3	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 <u>qualifications@mukatangata.nz</u> if you wish to suggest changes to the content of this unit standard.