

Title	Plan and carry out dives to film, survey, and collect data on a marine farm		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: plan and carry out dives to film, survey, and collect data on a marine farm; and complete recording and reporting requirements for the dive.
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Classification	Seafood > Aquaculture Diving
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Available grade	Achieved
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Prerequisites	Unit 28393, <i>Navigate underwater while scuba diving in open water</i> ; Unit 28395, <i>Describe rescue diving and demonstrate diver rescue skills</i> ; Unit 28396, <i>Complete scuba dives at night in open water</i> ; Unit 28401, <i>Complete underwater search and recovery scuba dives in open water</i> ; Unit 28404, <i>Complete scuba dives in open water to depths between 18 and 40 metres</i> ; Unit 21344, <i>Demonstrate knowledge of health and safety legislation and the application of best practice to aquaculture diving</i> ; or <i>Occupational Diving Certificate of Competence</i> ; or demonstrate equivalent knowledge and skills.
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015.
- 2 The assessment of outcome two must be carried out in underwater visibility conditions that are common for aquaculture industry diving.
- 3 The candidate must complete one dive for each of the following three tasks – film (video or photography); inspection or survey; sampling (water, seabed or crop) or data collection. The tasks may be carried out with either direct or indirect access.
- 4 Reference
New Zealand Aquaculture Industry Diving Good Practice Guidelines Version 2, 2018.
Available from the Aquaculture New Zealand website – www.aquaculture.org.nz.

5 Definition

Company requirements refer to instructions to staff on policy and procedures that are communicated in an oral or written form. These must include the requirements of the Diving Good Practice Guidelines.

Outcomes and performance criteria

Outcome 1

Plan dives to film, inspect, and collect data on a marine farm.

Performance criteria

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|-------|--|
| 1.1 | Explain the reasons for planning a dive to film, inspect, and collect data in accordance with company requirements and safety criteria. |
| Range | safety focus of divers, legislation. |
| 1.2 | Explain potential hazards associated with the dives and the remedial actions. |
| Range | hazards may include but are not limited to – environmental hazards, marine organisms, limited visibility, disorientation, current strength, entanglement, strenuous activity, access to surface; evidence of four hazards is required; remedial actions include action taken to eliminate or minimise the hazard, such as – decision not to dive, decision not to film, survey and collect data, access to safety equipment, communication plan, use of diver location device, emergency plan. |
| 1.3 | Complete dive plans in accordance with company requirements and safety criteria. |
| Range | includes but is not limited to – fitness and capability of the dive team, personnel numbers, surface conditions, diving platform and vantage points, in-water conditions, depth, equipment, bottom topography, communication signals; evidence of one plan per dive is required. |

Outcome 2

Carry out dives to film, inspect, and collect data on a marine farm.

Performance criteria

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| 2.1 | Carry out pre-dive checks in accordance with company requirements and safety criteria. |
| 2.2 | Explain the procedure for in-water disentanglement of a diver in accordance with company requirements. |
| Range | self, another diver. |

- 2.3 Carry out dives to film, survey and collect data in accordance with the dive plans and company requirements.
- 2.4 Give, receive and respond to communication signals as agreed in the dive plans.

Outcome 3

Record and report requirements for the dives.

Performance criteria

- 3.1 Record and report requirements for dives in accordance with health and safety legislation and company requirements.

Range includes but is not limited to – personal logbook, company logbook, reporting schedule.

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 2020
Review	2	20 November 2009	31 December 2020
Review	3	28 November 2019	N/A
Rollover	4	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.