

Title	Plan and carry out a dive to recover mortalities using airlifts in sea cages on a marine farm		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to plan and carry out a dive to recover Morts using air lifts in sea cages 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	<p>Unit 28393, <i>Navigate underwater while SCUBA diving in open water</i>;</p> <p>Unit 28395, <i>Complete diver rescues</i>;</p> <p>Unit 28396, <i>Complete SCUBA dives at night in open water</i>;</p> <p>Unit 28401, <i>Complete underwater search and recovery SCUBA dives in open water</i>;</p> <p>Unit 28404, <i>Complete SCUBA dives in open water to depths between 18 and 40 metres</i>;</p> <p>Unit 21344, <i>Explain 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.</p>
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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 Reference
New Zealand Aquaculture Industry Diving Good Practice Guidelines Version 2, 2018. Available from the Aquaculture New Zealand website – www.aquaculture.org.nz.
- 4 Definitions
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.

Mortalities are referred to as *Morts* in this unit standard, as it is the commonly used industry term. *Morts* are fish that have died prior to harvesting while in the holding facility.

Outcomes and performance criteria

Outcome 1

Plan a dive to recover *Morts* using air lifts in sea cages on a marine farm.

Performance criteria

- 1.1 Explain the reasons for planning a dive to recover *Morts* using air lifts in sea cages in accordance with company requirements and safety criteria.
- Range safety focus of divers, legislation.
- 1.2 Explain potential hazards associated with the recovery of *Morts* using air lifts in sea cages 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; 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 recover *Morts*, access to safety equipment, communication plan, use of diver location device, emergency plan.
- 1.3 Complete a dive plan to recover *Morts* using air lifts 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, airlift procedure.

Outcome 2

Carry out a dive to recover *Morts* using air lifts in a sea cage on a marine farm.

Performance criteria

- 2.1 Carry out a pre-dive check 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 Position *morts* at the bottom of airlift pipe during the dive.

2.4 Complete airlift of the Morts in accordance with the dive plan and company requirements.

Range position of airlift, position of diver, signal to begin and end lift, removal of Morts.

2.5 Give, receive and respond to communication signals as agreed in the dive plan.

Outcome 3

Record and report requirements for a dive.

Performance criteria

3.1 Record and report requirements for a dive 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 2024
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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

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 Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.