

Title	Supervise an aquaculture industry dive operation on a marine farm		
Level	6	Credits	15

Purpose	<p>People credited with this unit standard are able to: explain the responsibilities of a dive supervisor; plan a dive operation; supervise a dive and post-dive operation on a marine farm; explain and respond to emergency situations related to aquaculture dive operations; and supervise first aid requirements related to aquaculture dive operations, on a marine farm.</p> <p>This unit standard is intended for those personnel who are supervising aquaculture industry dive operations on a marine farm, due to the conditions, size or type of the task.</p>
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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.

Decompression illness refers to decompression sickness and other pressure related ailments.

Outcomes and performance criteria

Outcome 1

Explain the responsibilities of a dive supervisor on a marine farm.

Performance criteria

1.1 Explain the dive supervisor's responsibility for supervision of on-site dive operations in accordance with the Diving Good Practice Guidelines.

1.2 Explain the dive supervisor's responsibility for supervision of safety and health requirements of on-site dive operations in accordance with the Diving Good Practice Guidelines.

Range hazards, diving equipment, protective clothing, termination of dive, altitude travel after diving, emergency procedures, emergency equipment on site, notification and reporting.

1.3 Explain the dive supervisor's responsibility for dive planning in accordance with the Diving Good Practice Guidelines.

1.4 Explain the dive supervisor's responsibility for training and competencies of divers and other dive team members in accordance with the Diving Good Practice Guidelines.

Range includes but is not limited to – diving, first aid, emergency procedures, oxygen administration.

Outcome 2

Plan a dive operation on a marine farm.

Performance criteria

2.1 Plan a dive operation and document in consultation with the dive team in accordance with company requirements.

Range includes but is not limited to – objectives of dive, surface support, communication, trained and equipped personnel, emergency procedures.

2.2 Plan a dive operation in consultation with the dive team, to manage the potential hazards associated with the dive task, in accordance with company requirements.

2.3 Review a dive plan, confirm, and sign prior to the dive operation commencing.

Outcome 3

Supervise a dive operation on a marine farm.

Performance criteria

3.1 Supervise dive operation in accordance with the dive plan and company requirements.

Range may include but is not limited to – dive personnel's available non decompression time.

3.2 Monitor dive operation and take action if personnel safety is jeopardised.

Range may include but is not limited to – weather, water conditions, passing vessels.

3.3 Make variations to a dive plan when justified, in terms of conditions and nature of operation, and remain within company requirements.

Outcome 4

Supervise a post-dive operation on a marine farm.

Performance criteria

4.1 Carry out de-briefing of divers in accordance with company requirements and safety criteria.

Range includes but is not limited to – all divers returned to surface.

4.2 Review dive operation in accordance with company requirements.

Range objectives, personnel, emergencies, hazards, equipment, time, safety procedures.

4.3 Supervise equipment maintenance, cleaning, and storage in accordance with company requirements.

4.4 Record and report requirements of a post-dive operation in accordance with company requirements.

Range includes but is not limited to – signing diver's log, notification to Worksafe New Zealand of hazardous work, maintenance records.

Outcome 5

Explain and respond to emergency situations related to aquaculture dive operations on a marine farm.

Performance criteria

5.1 Explain decompression illnesses and the actions and treatment to be taken in accordance with the Diving Best Good Guidelines.

Range decompression illnesses – cause, effects on the body’s system, signs and symptoms;
action and treatment – emergency procedures, administration of first aid, communication with diving doctors.

5.2 Explain aquaculture diving related emergency procedures and plans operating on the marine farm.

Range diver in distress, diver not surfacing, diver over time.

5.3 Respond to aquaculture diving related emergency and evacuation procedures in accordance with company requirements.

Outcome 6

Supervise first aid requirements related to aquaculture dive operations on a marine farm.

Performance criteria

6.1 Supervise incidents requiring first aid and other treatment in accordance with company requirements.

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.