

ASSESSMENT GUIDE FOR UNIT STANDARD 21349 V1

Candidate Name: _____

Plan and carry out a dive to untwist droppers on a marine farm

Level: 4

Credit: 5

Version: 1

Domain: Aquaculture

General Unit Standard Notes

- Industry technical requirements and safety criteria are contained within the *New Zealand Aquaculture Industry Diving Best Practice Guidelines 2004*, available from the Aquaculture Industry Council, PO Box 86, Blenheim. This is referred to as the Diving Best Practice Guidelines in this unit standard.
- Occupational Safety and Health is referred to as OSH in this unit standard.
- The assessment of element two must be carried out in underwater visibility conditions that are common for aquaculture industry diving.
- 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 Best Practice Guidelines.
 - *PADI* refers to the Professional Association of Diving Instructors.

Entry Information

The assessor must confirm that the candidate holds the following unit standards or can demonstrate equivalent skills and knowledge, prior to conducting their assessment against this unit standard.

Prerequisite: Unit 4387, Perform diver rescues or PADI Rescue Diver qualification and Unit 4385, Navigate prescribed routes underwater, Unit 4388, Complete a night dive, Unit 4393, Complete underwater search and recovery dives, Unit 4398, Complete deep dives to between 18 and 40 metres, Unit 21344, Explain health and safety legislation and the application of best practice to aquaculture diving or demonstrate equivalent skills and knowledge.

Element Notes

There are no element range statements.

Assessment Notes

Assessment for this unit must be carried out according to policies and procedures described in the Seafood ITO Assessor Manual, available from the Seafood ITO. The candidate can answer questions verbally or in writing. Evidence provided for assessment must be consistent with company procedures and industry guidelines. Evidence provided for assessment must cover the range statements.

Practical or Work-based Components Refer to AMAP 0123]

Practical or work-based components must be assessed in an aquaculture facility that has the relevant consents and permits, such as;

a current resource consent, marine fish farm licence/lease/permit, and/or fresh water fish farm licence (hatcheries and land based sea water farms).

Assessor Criteria

In order to assess this unit standard, assessors must:

- Hold unit standard 21349 – Plan and carry out a dive to untwist droppers on a marine farm
- Hold unit standard 4387 – Perform diver rescues or PADI Rescue Diver Qualification
- Hold unit standard 4385 – Navigate prescribed routes underwater
- Hold unit standard 4388 – Complete a night dives
- Hold unit standard 4393 – Complete underwater search and recovery dives
- Hold unit standard 4398 – Complete deep dives to between 18 and 40 metres
- Hold unit standard 21344 - Explain health and safety legislation and the application of best practice to aquaculture diving
- Hold unit standard 4098 – Use standards to assess candidate performance
- Hold unit standard 11552 – Design assessment

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Element & Performance Criteria	Evidence Guide	Evidence Record
<p>Element 1 Plan a dive to untwist droppers on a marine farm.</p> <p>1.1 The reasons for planning a dive are explained, in accordance with company requirements and safety criteria.</p> <p>Range: safety focus of divers, OSH legislation.</p> <p>1.2 Potential hazards associated with a dive to untwist droppers and the remedial actions are explained.</p> <p>Range: hazards may include but are not limited to - environmental hazards, marine organisms, limited visibility, disorientation, current strength, entanglement, strenuous activity; remedial actions include - action taken to eliminate, isolate or minimise the hazard, such as, decision not to dive, decision not to untwist dropper, access to safety equipment, communication plan, use of location device, emergency plan.</p> <p>1.3 The dive plan to untwist droppers is completed in accordance with company requirements and safety criteria.</p> <p>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.</p>		

Assessment decision: (C or NYC)

Assessor name: _____

Date: _____

Assessor signature: _____

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Element & Performance Criteria	Evidence Guide	Evidence Record
<p>Element 2 Carry out a dive to untwist droppers on a marine farm.</p> <p>2.1 A pre-dive check is demonstrated in accordance with company requirements and safety criteria.</p> <p>2.2 The procedure for in-water disentanglement of a diver is explained in accordance with company requirements.</p> <p>Range: self, another diver.</p> <p>2.3 The dive to untwist droppers is carried out in accordance with the dive plan and company requirements.</p> <p>2.4 The details of the twisted droppers are recorded in accordance with company requirements.</p> <p>Range: location, number of twists, seed density, depth of droppers.</p> <p>2.5 Communication signals are given, received and responded to, as agreed in the dive plan.</p>		

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Element & Performance Criteria	Evidence Guide	Evidence Record
<p>Element 3 Complete recording and reporting requirements for the dive.</p> <p>3.1 Recording and reporting requirements are completed in accordance with OSH and company requirements.</p> <p>Range: includes but is not limited to - personal logbook, company logbook, reporting schedule.</p>		

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