
AQUACULTURE
**Explain health and safety legislation and
the application of best practice to
aquaculture diving**

level:	4
credit:	15
final date for comment:	August 2009
expiry date:	December 2010
sub-field:	Seafood
purpose:	People credited with this unit standard are able to explain: legislation and its relationship with the Diving Best Practice Guidelines; the requirements and criteria for aquaculture diving; training and certification requirements for aquaculture diving; diving apparatus and safety equipment used in aquaculture diving; and diving emergency plans and evacuation procedures.
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A centrally established national moderation system has been set up by the Seafood Industry Training Organisation.
special notes:	<ol style="list-style-type: none">1 Industry technical requirements and safety criteria are contained within the <i>New Zealand Aquaculture Industry Diving Best Practice Guidelines 2004</i>, available from the Aquaculture Industry Council, PO Box 86, Blenheim. This is referred to as the Diving Best Practice Guidelines in this unit standard.2 Occupational Safety and Health is referred to as OSH in this unit standard.

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- 3 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.
- Legislation* includes but is not limited to – the occupational diving related aspects of the Health and Safety in Employment Act 1992.
- SCUBA* refers to Self Contained Underwater Breathing Apparatus.

Elements and Performance Criteria

element 1

Explain legislation and its relationship with the Diving Best Practice Guidelines.

performance criteria

- 1.1 The requirements and objectives of the Health and Safety in Employment Act 1992, as it applies to aquaculture diving are explained.
- Range: includes but is not limited to – employer’s duties, employees’ responsibilities.
- 1.2 The relationship between the Diving Best Practice Guidelines and the Health and Safety in Employment Act 1992 are explained.
- Range: includes but is not limited to – development, OSH approval.

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element 2

Explain the requirements and criteria for aquaculture diving.

performance criteria

- 2.1 The explanation includes an outline of the Diving Best Practice Guidelines.
- Range: definition of aquaculture diving, objectives, scope, format of the Standard Operating Procedures (SOP).
- 2.2 The specific dive guideline requirements for a SCUBA dive are explained in accordance with the Diving Best Practice Guidelines.
- 2.3 The specific Industry Dive Criteria are explained in accordance with the Diving Best Practice Guidelines.
- 2.4 The procedure for ensuring the use of the current version of the Diving Best Practice Guidelines is explained in accordance with company requirements.

element 3

Explain training and certification requirements for aquaculture diving.

performance criteria

- 3.1 The dive training and certification requirements for aquaculture dive team members are explained.
- Range: training and certification requirements include but are not limited to – Occupation Diving Medical, OSH Limited Certificate of Competence;
dive team members include but are not limited to – dive supervisor, diver.
- 3.2 The first aid training and certification requirements for aquaculture dive team members are explained.
- Range: oxygen administration, first aid.

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- 3.3 The explanation includes an outline of what is included in the dive attendant briefing.

element 4

Explain diving apparatus and safety equipment used in aquaculture diving.

performance criteria

- 4.1 The importance of selecting diving apparatus and safety equipment to match the activity or task being performed and the environmental conditions is explained in accordance with company requirements.

Range: equipment standards, suitability, dive team responsibility.

- 4.2 The procedures for inspection and maintenance of diving apparatus and safety equipment are explained in accordance with company requirements.

Range: diver responsibility, dive supervisor responsibility.

element 5

Explain diving emergency plans and evacuation procedures.

performance criteria

- 5.1 The diving emergency plans for the worksite are explained in accordance with the Diving Best Practice Guidelines.

Range: assistance plan, personnel, communication, medical equipment.

- 5.2 The diving emergency and evacuation procedures that are to be followed in the event of a diving incident are explained in accordance with the Diving Best Practice Guidelines.

Range: may include but is not limited to – diver missing, diver in trouble underwater, diver in trouble on surface, serious accident.

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- 5.3 The considerations for diving in relation to travelling at altitude before and/or after the dive are explained in accordance with the Diving Best Practice Guidelines.
- 5.4 The factors that determine the termination and resumption of a dive are explained in accordance with the Diving Best Practice Guidelines.
- 5.5 Decompression illnesses related to diving and the action and treatment to be taken are explained in accordance with the Diving Best Practice Guidelines.

Comments on this unit standard

Please contact Seafood Industry Training Organisation sitoadmin@seafood.co.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0123 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.