



Australian Government

SFIFSH302 Perform breath-hold diving operations

Release: 1

SFIFSH302 Perform breath-hold diving operations

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to dive from either a vessel or from shore using breath-holding techniques to perform work in the fishing or aquaculture sectors of the seafood industry. It requires the ability to plan systems, procedures and contingencies, identify hazards, check and use equipment, descend and ascend using breath-holding techniques and maintain diving equipment components.

The unit applies to individuals who use basic diving techniques to perform work in the fishing or aquaculture sectors.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Fishing Operations (FSH)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for dive	1.1 Plan dive, systems and procedures and work schedule including hazard identification and contingencies according to workplace procedures and industry diving guidelines

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Check equipment to confirm suitability for planned work and serviceability 1.3 Brief diving assistant or observer on procedures to be used during diving operation as required
2. Perform work during a breath-hold dive	2.1 Enter water and make a descent to the required depth according to industry diving guidelines 2.2 Use personal and safety equipment to establish working environment 2.3 Perform work tasks underwater according to dive plan 2.4 Monitor signs and symptoms of injury, including other information relevant to the situation, on a continuous basis and use to assess own physical condition 2.5 Make ascent from the dive and access the shore or vessel according to industry diving guidelines
3. Employ techniques that reduce underwater hazards	3.1 Assess occupational hazards that cause injury or harm and take action to remove or minimise hazards according to dive plan 3.2 Ensure dive procedures are according to dive plan 3.3 Devise and implement systems and procedures to reduce hazards
4. Complete post-dive activities	4.1 Perform post-dive checks on equipment according to workplace procedures 4.2 Maintain components of diving equipment, ensuring they are working efficiently and safely 4.3 Clean, dry and stow equipment according to workplace procedures 4.4 Complete records in a legible manner and forward to supervisor, industry or regulatory body, or store as required

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Numeracy	• Makes calculations involving pressure, volume and temperature relationships • Interprets decompression tables and data
Reading	• Reads and identifies required information from diving-related instructions, procedures, regulations, guidelines and texts • Interprets emergency action plan
Writing	• Communicates underwater via slate
Navigate the world of work	• Understands the role of a breath-hold diver and how it contributes to the work of others in the immediate work context
Interact with others	• Uses appropriate terminology and hand signals specific to breath-hold diving operations
Get the work done	• Maintains industry standards and adheres to work health and safety principles • Implements standard solutions and responses to familiar problems, incidents and emergencies

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIFSH302 Perform breath-hold diving operations	SFIFISH312A Perform breath-hold diving operations	Updated to meet Standards for Training Packages Prerequisite removed	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>

Assessment Requirements for SFIFSH302 Perform breath-hold diving operations

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has performed a breath-hold diving operation from either a vessel or from shore to perform work for either the fishing or aquaculture sector on at least one occasion, including:

- developing and briefing others on dive plan, safe dive procedures and work schedule
- completing pre-dive equipment preparations and checks, using, maintaining and storing equipment, including:
 - clearing squeezes
 - donning and doffing weights, fins, mask and wetsuit
 - mask clearing
- using personal and safety equipment
- entering and leaving the water according to standard dive procedures
- applying safe breath-hold techniques to complete required work tasks
- completing accurate records for the diving operation.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and content of the pre-dive plan that forms the basis of dive briefings
- personal and safety equipment used in breath-hold diving operations
- hazards associated with breath-hold diving operations, including:
 - breath-holding limitations
 - dangers of barotrauma, and squeezes
 - dangers of cold water
 - dangers of hyperventilation
 - signs and symptoms of medical conditions associated with diving operations

- safety procedures associated with breath-hold diving operations.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a swimming area of a fishing operation or aquaculture setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - diving equipment
- specifications:
 - workplace procedures for diving operations that include advice on safe diving practices
- relationships:
 - evidence of interactions with diving assistant or observer.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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