



Australian Government

SFIDIV304 Undertake emergency procedures in diving operations using SSBA

Release: 1

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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 perform surface and in-water standby diver activities, provide assistance in an emergency situation and perform a self-rescue ascent during occupational surface-supplied breathing apparatus (SSBA) diving operations.

The unit applies to individuals who work as occupational divers in the seafood industry, which includes performing the duties of standby diver and providing assistance in emergency situations.

Occupational licensing, legislative and certification requirements apply to this unit but vary according to state/territory requirements. Occupational diving is regulated independently by each state and territory work health and safety authority. Users are advised to check with the relevant authority to confirm current requirements.

Pre-requisite Unit

Nil

Unit Sector

Diving (DIV)

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. Perform surface standby SSBA diver activities	1.1 Ensure surface standby-diver activities conform to appropriate emergency and rescue procedures and equipment used 1.2 Maintain a state of readiness to ensure effective response in the

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	event of an emergency
2. Perform in-water standby SSBA diver activities	2.1 Ensure in-water standby-diver activities conform to appropriate emergency or rescue procedures and equipment used 2.2 Maintain communication lines with the surface team to ensure all necessary rescue action is undertaken
3. Assist in SSBA emergency situations	3.1 Give assistance in the recovery of an unconscious or injured diver from the surface to dry land or the deck of a dive platform in a manner that prevents further injury 3.2 Manage ascent in an emergency situation by controlling buoyancy, while identifying circumstances where shedding weights may be necessary 3.3 Assess the needs of a diving casualty and provide first aid as required 3.4 Assist in the treatment of diving-related health conditions and illnesses

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
Numeracy	• Makes calculations involving pressure, volume and temperature relationships • Uses decompression information while underwater • Reads instruments
Reading	• Follows dive tables • Reads diving-specific general and technical information, first aid literature, regulatory requirements and industry guidelines • Interprets an emergency action plan
Writing	• Completes dive accident medical information forms and related records
Navigate the world of	• Understands the role of a surface standby SSBA diver and how it contributes to the work of others in the immediate work context

Skill	Description
work	Takes responsibility for decisions about when and how to complete tasks, and coordinates with others
Interact with others	Uses appropriate terminology, hand and lifeline signals relevant to emergency procedures in SSBA diving operations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIDIV304 Undertake emergency procedures in diving operations using SSBA	SFIDIVE312A Undertake emergency procedures in diving operations using SSBA	Updated to meet Standards for Training Packages Prerequisite removed Performance criteria added to replace gap in the removal of prerequisite	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 SFIDIV304 Undertake emergency procedures in diving operations using SSBA

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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 undertaken drill emergency procedures for occupational diving operations using SSBA on at least one occasion, including:

- conducting surface and in-water standby-diver duties
- communicating and following instructions from surface team
- assessing the needs and identifying the appropriate emergency or rescue procedures for:
 - a conscious diver
 - an unconscious diver
- controlling free ascend correctly and safely.

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:

- emergencies that may occur during diving operations in the seafood industry
- procedures related to the use of equipment in relation to identified emergencies
- effective methods to handle a range of physical and medical emergencies during diving operations
- risk of hyperthermia or hypothermia when fully dressed as a standby diver
- free-ascent practices and associated dangers and limitations
- need for and limitations of shedding weights in particular emergency situations
- suit inflation and buoyancy compensator inflation procedures
- dive-related health conditions and illnesses.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a diving environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - diving equipment for SSBA diving operations
 - emergency equipment
- specifications:
 - workplace procedures for SSBA diving operations that include advice on emergency and safety requirements
- relationships:
 - evidence of interactions with surface team.

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

Links

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