



Australian Government

Assessment Requirements for SFIDIV302 Perform 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.

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 a diving operation in open water to a maximum depth of 30 metres using surface-supplied breathing apparatus (SSBA) on at least one occasion, including:

- completing pre-dive equipment preparations and checks, operating, maintaining and storing equipment, including:
 - breathing apparatus – demand type (industry half masks, full masks and helmets) and free-flow type
 - buoyancy compensator
 - depth-measuring instruments
 - dive computer
 - diver's clothing
 - dive hose
 - communication systems
 - gauges
 - main and reserve air supplies
 - safety harness
 - shot-line
 - surface-supply panel
 - umbilicals
 - weights, fins and masks
- preparing a dive plan and risk assessment
- dressing and undressing correctly for SSBA diving operations
- identifying dive-related emergency procedures in the event of an emergency
- applying decompression principles, tables and procedures
- performing assigned tender tasks

- working effectively as a member in a dive team.

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:

- function and operating method of equipment required for an SSBA diving operation
- function and regulatory requirements of main and reserve air supplies
- common equipment faults and consequences of incorrect use
- correct dressing and undressing sequence for SSBA
- testing, connection and maintenance procedures for SSBA
- hazards associated with SSBA diving operations, and precautions to reduce risk
- pressure values for different depths and awareness of pneumofathometer function
- legislative, regulatory and industry requirements for SSBA
- diving industry code of practice and guidelines
- range of tender duties undertaken in an SSBA diving operation
- methods to enter and exit the water
- decompression principles, tables and procedures
- anatomy, diving physics and physiology principles relevant to SSBA diving operations
- principles of underwater communication systems
- various SSBA configurations and their key features
- diving-related medical conditions and their treatments
- pre-dive and post-dive procedures.

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, tools and accessories for SSBA diving operations
 - dive tables and dive-related information
 - proforma for developing a dive plan and risk assessment
- specifications:
 - workplace procedures for performing SSBA diving operations that include advice on emergency situations
 - access to industry occupational diving guidelines
- relationships:
 - evidence of interactions with dive team.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>