



Australian Government

**Assessment Requirements for SFIAQU304
Maintain water quality and environmental
monitoring**

Release: 2

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Modification History

Release	Comments
Release 2	This version released with SFI Seafood Industry Training Package Version 2.0.
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 maintained water quality and environmental monitoring activities on at least one occasion, including:

- coordinating and briefing team members on water quality and environmental monitoring activities
- fitting personal protective equipment
- preparing, using and maintaining monitoring equipment or technology
- checking that samples for analysis have been collected and stored correctly
- maintaining accurate records on monitoring activities
- monitoring the cleaning of the work area after monitoring activities.

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:

- routine and non-routine water quality and environmental parameters relevant to aquatic stock and/or facility
- types and purposes of water quality tests and sampling used in the workplace
- procedures for monitoring collection, preservation and submission of samples for analysis
- types, purpose and function of monitoring equipment options
- operating methods and maintenance of monitoring equipment
- relevant legislation relating to maintaining water quality and environmental parameters for aquatic stock.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an aquaculture workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - monitoring equipment
 - water quality sampling tests
 - personal protective equipment
 - culture or holding structure and medium
 - recording or reporting forms
- specifications:
 - workplace procedures for monitoring water quality and environmental factors, including advice on health and safety requirements
- relationships:
 - evidence of interactions with team members.

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>