



**Australian Government**

**Assessment Requirements for SFIAQU508  
Plan and design stock culture or holding  
systems and structures**

**Release: 2**

# Assessment Requirements for SFIAQU508 Plan and design stock culture or holding systems and structures

## 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 developed and documented, on at least one occasion, a design plan for a stock culture or holding system and structure, including:

- determining location and resource requirements for the stock culture or holding systems and structures
- developing a detailed budget based on resource requirements and expenses
- developing construction specifications for stock culture or holding systems and structures.

## 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:

- types, functions and options for stock culture or holding systems and their components
- key design features and processes for planning stock culture or holding systems and structures
- features and options for mechanisation or automatic control and monitoring systems
- mechanisation or automation research
- biological requirements of cultured or held stock relevant to holding systems and structures
- overview of stock biological and production cycles relevant to holding systems and structures
- waste management and environmental issues relevant to stock culture or holding systems and structures
- key features of contracts and contract management
- basic bookkeeping for budgeting

- key government regulations relating to aquaculture operations
- features of latest culture technology
- biosecurity relevant to culture or holding systems
- sustainability practices relating to aquaculture operations.

## 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:
  - opportunities to access personnel for specialist advice
  - relevant workplace operational and financial information needed to plan and design stock culture or holding systems and structures
  - technology for recording and documenting information.

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>