



Australian Government

Assessment Requirements for SFIAQU404 Operate hatchery

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 managed and monitored the operations of a hatchery on at least one occasion, including:

- communicating and supervising production personnel on all aspects of hatchery production
- overseeing the collecting, care and handling of broodstock, larvae and juveniles
- overseeing the breeding, culling and raising of progeny and preparing for distribution
- manipulating culture environment to achieve objectives
- conducting a review of hatchery operations and assessing options for improvement
- discussing proposed breeding objectives and strategies with management 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:

- breeding requirements of broodstock and progeny
- nutritional, health and environmental requirements of breeding stock and progeny
- clinical signs of ovulation and imminent spawning
- environmental factors or cues for reproductive behaviour
- preparation of broodstock and or progeny for distribution
- workplace business information relevant to hatchery operations
- overview of current innovations and trends in hatchery operations
- health and safety requirements in context of hatchery operations.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in an aquaculture hatchery or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - broodstock or seedstock
 - hatchery and equipment for caring for and raising progeny
 - monitoring equipment
 - reference material for research purposes
- specifications:
 - hatchery production schedule, labour and resource requirements
- relationships:
 - evidence of interactions with management and production staff 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>