SFIAQU509 Develop stock production plan

# Modification History

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| --- | --- |
| 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 develop a stock production plan based on the analysis of facility operations and labour, equipment and transport requirements.

This unit applies to individuals who have specialised knowledge and technical and/or management responsibilities for stock production in an aquaculture operation.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

# Pre-requisite Unit

Nil

# Unit Sector

Aquaculture (AQU)

# Elements and Performance Criteria

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Determine requirements for stock production | 1.1 Establish cultured or held stock production targets for each stage or component of operations consistent with marketing and business plans and sustainable aquaculture practices  1.2 Obtain current information on government regulations relevant to farm ownership and production to ensure policies and procedures are compliant  1.3 Assess production facility requirements to achieve production plan targets  1.4 Research mechanisation or automation of process or activity, including the use of specialised contract services for potential inclusion in stock production plan  1.5 Determine labour and equipment requirements to achieve stock production targets  1.6 Determine handling, harvesting and on-farm transport requirements for all stock |
| 2. Develop plan | 2.1 Develop production plan incorporating identified requirements  2.2 Incorporate a calendar of operations for each production cycle in the plan  2.3 Draw up schedules indicating the timing of purchases and use of inputs and services used in production  2.4 Develop a post-harvest program for each stock category  2.5 Establish environmental controls and security arrangements according to workplace procedures |

# 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 |
| --- | --- |
| Reading | * Researches and extracts technical information relating to stock production and mechanical and automation options from a range of sources |
| Writing | * Documents detailed production plans and supporting schedules using workplace formats, clear language and accurate technical terminology |
| Numeracy | * Quantifies resource requirements to meet targets within production cycles * Interprets financial information for forecasting and budgeting |
| Navigate the world of work | * Understands compliance and regulatory requirements relating to own role and area of responsibility |
| Get the work done | * Plans, schedules and coordinates multiple activities and resources to meet market, on-farm processing and off-farm transport requirements, monitoring actions against stated goals, and adjusting plans and resources to cope with contingencies * Uses systematic, analytical processes to identify and solve stock production problems * Uses key features and functions of workplace digital systems and tools to access, organise and analyse costs, data and information relevant to stock production planning |

# Unit Mapping Information

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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| SFIAQU509 Develop stock production plan | SFIAQUA509B Develop stock production plan | Updated to meet Standards for Training Packages | Equivalent unit |

# Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>