Modification history

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| Release | Comments |
| Release 1 | This version released with SFI Seafood Industry Training Package Version 1.0. |

| SFIAQU318 | Monitor feed activities |
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| Application | This unit of competency describes the skills and knowledge required to plan and monitor feed activities for cultured aquatic stock. It includes the ability to coordinate feed activities and use data and observations to optimise the uptake of feed.  The unit applies to individuals who are responsible for feed activities within an aquaculture workplace, working under broad direction and having limited responsibility for the work of others.  All work must be carried out to comply with workplace procedures, according to state/territory health and safety, food safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Aquaculture (AQU) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Plan and organise feed for cultured or held stock | 1.1 Confirm feeding schedule and instructions with supervisor  1.2 Check feed types, quantities and sizes against feeding schedule  1.3 Check received feed quality and specifications against labels and delivery documentation  1.4 Select feeding equipment and personal protective equipment and check for serviceability |
| 2. Monitor and optimise feed uptake | 2.1 Implement feeding procedure to feed stock  2.2 Monitor stock uptake of feed  2.3 Monitor effectiveness of feeding activities to improve feed uptake and reduce wastage  2.4 Alter stock feeding schedule to compensate for factors limiting feed uptake |
| 3. Finalise and review feeding operations | 3.1 Check cleaning of work area and disposal of waste materials is completed according to workplace procedures  3.2 Check condition, maintenance requirements and storage of tools and equipment  3.3 Store feed in a manner that minimises degradation or contamination  3.4 Record relevant data and observations and report any abnormal records to supervisor |

| 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. | |
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| Skill | Description |
| Reading | * Interpret feeding schedules and relevant workplace procedures * Interpret feed packaging labels |
| Writing | * Complete workplace records legibly and using accurate technical terminology * Edit and alter feeding schedule |
| Numeracy | * Calculate formulae using ratios, metric units and percentages * Calculate, estimate, measure and weigh feeds * Set and adjust measurement scale to calibrate equipment |
| Oral communication | * Participate in verbal exchanges to convey and clarify feed activities using language appropriate for audience |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| SFIAQU318 Monitor feed activities | SFIAQUA318A Coordinate feed activities | Updated to meet Standards for Training Packages.  Revised unit title and minor amendments to element and performance criteria for clarity. | Equivalent unit |

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

| TITLE | Assessment requirements for SFIAQU318 Monitor feed activities |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has monitored feed activities for aquatic stock on at least one occasion including:   * communicating with supervisor on feeding schedule and activities * planning and organising feed * monitoring feeding operations against feeding schedule * altering feeding schedule to compensate for factors or conditions influencing feed uptake * monitoring cleaning of work area and equipment * checking and maintaining the quality of feed * recording data and observations . | |

| 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:   * feeding requirements of aquatic stock, stock types and age groups * characteristics of main feed types * stock behaviour and dietary requirements in varying conditions * factors and conditions that inhibit or limit feed uptake * effects of food wastage on environment * feed handling and preparation and storage requirements * feeding equipment operations and maintenance * safety considerations and hazards associated with feeding equipment and activities. |

| Assessment Conditions |
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| Assessment of 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: * feeding equipment * personal protective equipment * stock feed * stock to be fed * specifications: * feeding schedule * workplace procedures for feeding stock that includes advice on health and safety and hygiene requirements * relationships * interactions with supervisor and team members.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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