Modification history

|  |  |
| --- | --- |
| Release | Comments |
| Release 1 | This version released with SFI Seafood Industry Training Package Version 2.0. |

| SFIAQU2X1 | Prepare and use aquatic technology |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to use aquatic technology, which may include equipment and smart or automated systems.  The unit applies to individuals who are introduced to the use of aquatic technology.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Use Prerequisite Unit | Nil |
| Unit Sector | Aquaculture |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare to use aquatic technology | 1.1 Discuss the use of aquatic technology with supervisor  1.2 Identify aquatic technology requirements for allocated work task  1.3 Access appropriate workplace technology to suit the work task  1.4 Read manufacturer specifications of the technology selected and prepare to operate  1.5 Adjust or calibrate technology to meet workplace requirements in accordance with work health and safety (WHS) standards |
| 2. Operate aquatic technology | 2.1 Use technology for a specific aquatic work task in accordance with WHS standards and manufacturer specifications  2.2 Follow established workplace biosecurity practices whilst operating technology  2.3 Monitor the function and performance of the technology and report possible improvements to relevant personnel |
| 3. Complete aquatic work task and conduct equipment or technology shut down procedures | 3.1 Report on performance of technology to relevant personnel  3.2 Clean and maintain technology in accordance with workplace procedures and level of responsibility  3.3 Store equipment or technology in line with 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 | * Identify and interpret relevant manufacturer specifications |

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| SFIAQU2X1 Prepare and use aquatic technology | N/A |  | New 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 |

| TITLE | Assessment requirements for SFIAQU2X1 Prepare and use aquatic technology |
| --- | --- |
| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills in this unit.  There must be evidence that the individual has used aquatic equipment or technology on at least two occasions.  In doing the above, evidence must also include:   * accessing appropriate technology as directed by relevant personnel * following workplace biosecurity practices * observing standardised procedures, manufacturer specifications and WHS standards when operating technology * cleaning and storing equipment appropriately. | |

| Knowledge Evidence |
| --- |
| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements, performance criteria and foundation skills of this unit. This includes knowledge of:   * key theories for operating technology in aquatic environments * the general features and capabilities of aquatic technology, including equipment and smart and automated systems * relevant manufacturer specifications * contamination concerns and actions to mitigate concerns * aquatic WHS standards. |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated in an aquatic setting or an environment that accurately represents workplace conditions * resources, equipment and materials: * access to aquatic technology or equipment * specifications: * access to relevant manufacturer specifications.   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.education.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273 |